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**

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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

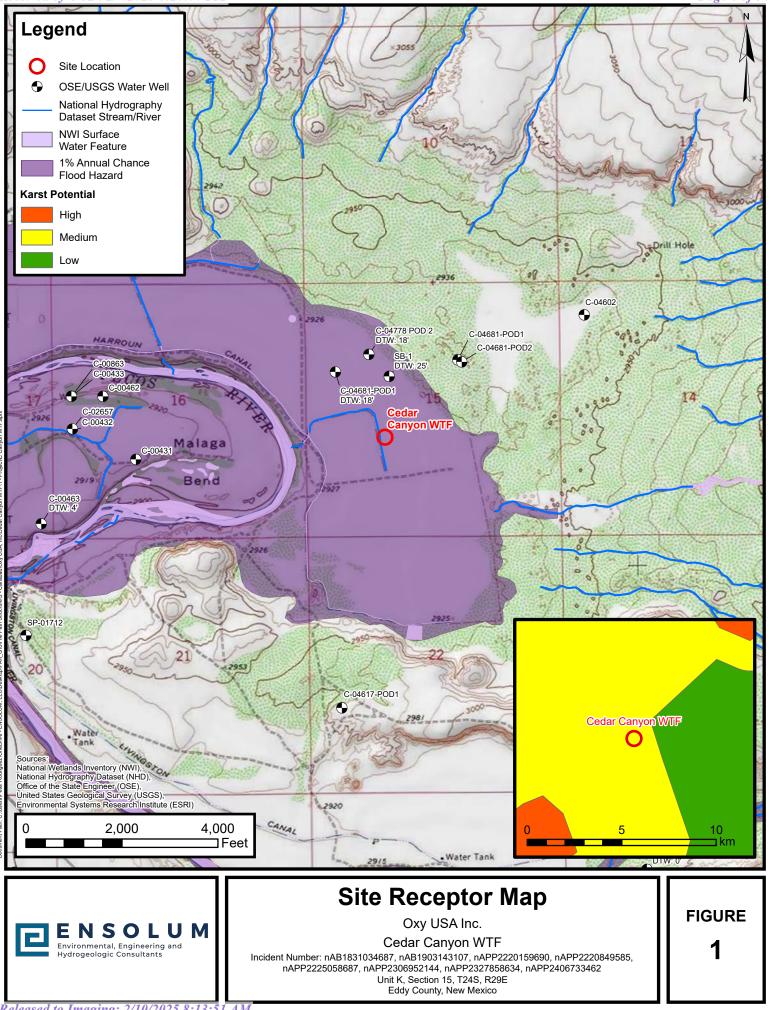




FIGURES

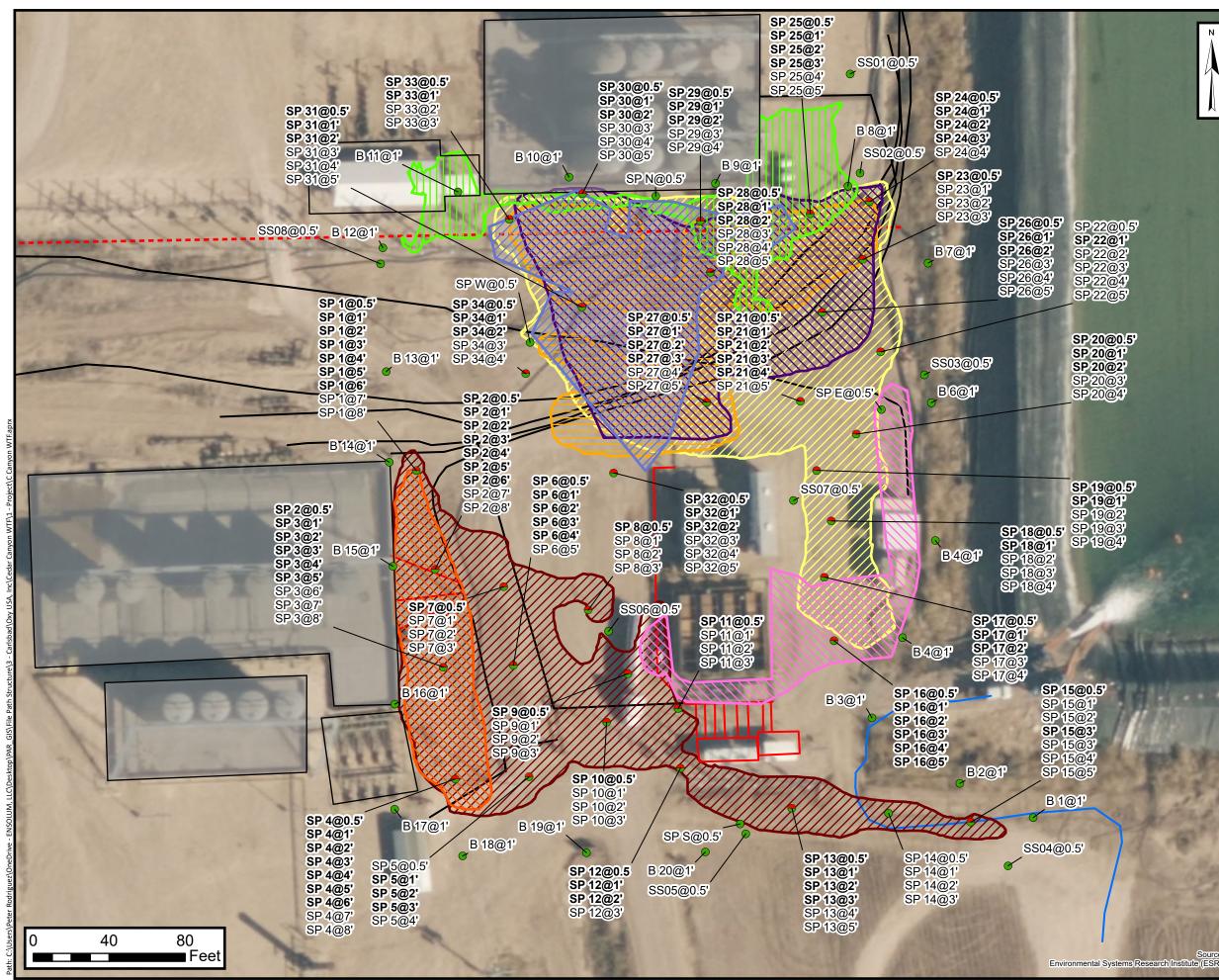
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Legend

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- 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

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| | | | | 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 |

| | | | | С | 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 |

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| | | | | c | TABLE 1 PLE ANALYTICA Cedar Canyon W1 Oxy USA Inc. Y County, 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 |
| 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 |

| | | | | 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 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 |

| | | | | 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 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 Sedar Canyon WT Oxy USA Inc. / County, New Model | 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 Cedar Canyon WT Oxy USA Inc. Y County, New Mage | ſF | | | | |
|-----------------------|--------------------|---------------------|--------------------|-----------------------|--|--------------------|--------------------|--------------------|----------------------|---------------------|
| 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 |

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| | | | | 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 |
| В 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 PLE 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 |
| 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

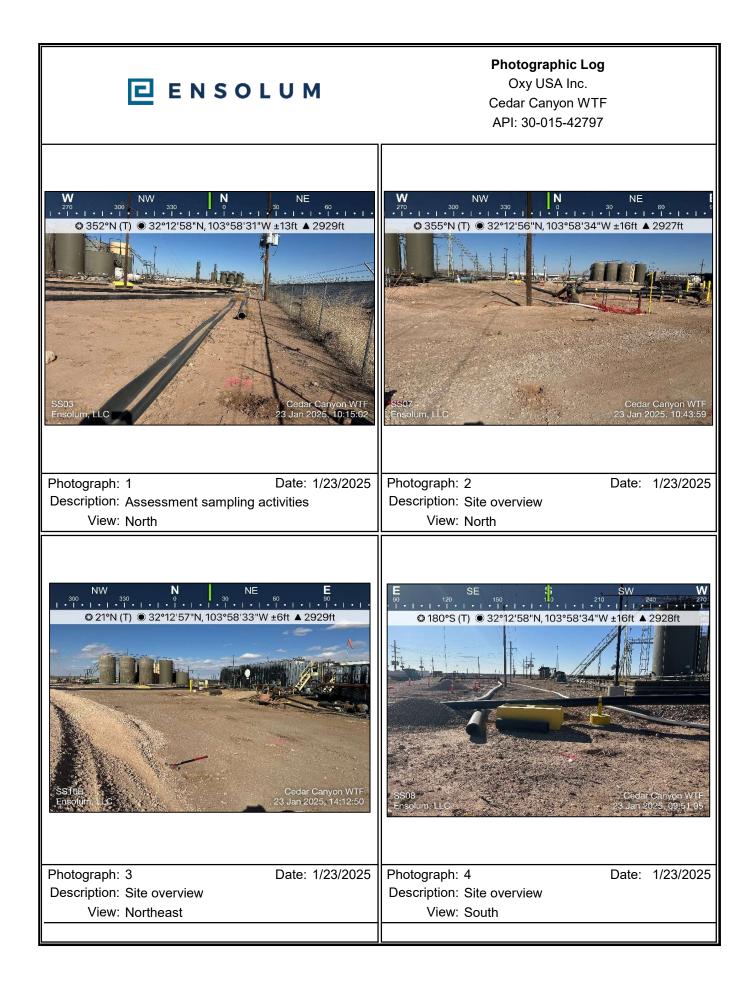
| - | | | OFFICE OF 1 www.ose.state | HE STATE ENGINEER | | | | | DEC 18 PM | VEN |
|---------------------------|-------------------------------------|--------------------|--------------------------------------|---|----------------------|---|-------------------------------------|---------------|---|---------------------------------------|
| GENERAL AND WELE LOCATION | OSE POD NO O BMW-1 WELL OWNER | NAME(S) | I Bm | well tag to No. | 11. | OSE FILE NO(| C-477 | 8 | OFFICE | · · · · · · · · · · · · · · · · · · · |
| | Oxy USA Inc | | ADDRESS | | | CITY | | STATI | | ZIP |
| | P.O Box 4294 | | | | | Houston | | TX | 77210 | |
| | WELL LOCATION (FROM GPS) | | DE TTUDE IGITUDE | | 0NDS 1 N 4.8 W | 1 - Des-12 108 (\$455, Des-145, 11) | REQUIRED: ONE TEN QUIRED: WGS 84 | TH OF A | SECOND | |
| | DESCRIPTION Approximatel | | | STREET ADDRESS AND COMMON LANDA | AARKS – PLS | S (SECTION, TO | WNSHJIP, RANGE) WH | IERE AV | AILABLE | |
| | LICENSE NO. WD-175 | 57 | NAME OF LICENSED | DRILLER David Draybuck | | | NAME OF WELL DR Enviro | | COMPANY Illing Services | |
| | DRILLING STAI 10/03/20 | 3.9. ⁰⁰ | DRILLING ENDED 10/03/2023 | DEPTH OF COMPLETED WELL (FT) 40ft | 11152620100500000 | le depth (FT) 40ft | DEPTH WATER FIR | st enco 18 | | |
| | COMPLETED W | ELL IS: | ARTESIAN *add Centralizer info be | DRY HOLE | ONFINED) | STATIC IN COMP (FT) | WATER LEVEL | 5 | DATE STATIC | |
| | DRILLING FLUI | | T AIR ROTARY T HAMM | MUD ADDITIVES - SPE | | | CHECK | HERE I | F PTTLESS ADAI | PTER IS |
| | DEPTH (fe | et bgl) TO | BORE HOLE DIAM (inches) | CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen) | CONN | ASING NECTION YPE ling diameter) | CASING INSIDE DIAM. (inches) | TH | ING WALL IICKNESS (inches) | SLOT SIZE (inches) |
| | 0 | 15 | 6 | PVC | Flu | sh Joint | 2 | | SCH 40 SCH 40 | .010 |
| | 15 | 40 | 6 | PVC | | sh Joint | e. | | | |
| | | | BORE HOLE | LIST ANNULAR SEAL MATERIAL AN RANGE BY INTER | RVAL | | AMOUNT (cubic feet) | | METHO | |
| | DEPTH (fee | 1.524.53 | DIAM (inches) | *(if using Centralizers for Artesian wells- | - indicate the | spacing below) | (0.000 2001) | | Poure | 1999-000 |
| | DEPTH (fea FROM 0 | t bgl) TO l | DIAM. (inches) 6 | Concrete | | | | | and the second se | |
| | FROM | то | | | | | | | Poure | |
| | FROM 0 | TO 1 | 6 | Concrete | | | | | Poure | |

| | DEPTH (| feet bgl) | 1 | | 1 | | ESTIMATED |
|------------------------------|---------------|--------------|-----------------------------------|---|---------------------------|-------------------------|---|
| | FROM | то | THICKNESS (feet) | COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units) | WAT BEARJ (YES / | NG? | 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 | Y | 0 | |
| | 12.5 | 18 | Y | | | | |
| | 18 | 20 | Y | 0 | | | |
| T | 20 | 30 | | Silty sandy clay, light brown, very wet, no odor. | Ø | N | |
| 4. HYDROGEOLOGIC LOG OF WELL | 30 | 40 | | Sandy silty clay, light brown, very wet, no odor | Ø | N | |
| OF | | | | | Y | N | |
| DOG | | | | | Y | N | |
| CIC | | | | | Y | N | |
|)TO(| | | | | Y | N | |
| GEC | | | | | Y | N | |
| DRO | | | | - | Y | N | |
| BYJ | | | | | Y | N | |
| 4 | | | | | Y | N | |
| | | | | | Y | N | |
| | | | | | Y | N | |
| | | | | | ose ộn o | EC,21 | 2023 pm2:11 |
| | | | | | Y | N | |
| | | | | | Y | N | |
| | METHOD U | | | DF WATER-BEARING STRATA: TO BAILER OTHER – SPECIFY: W | OTAL ESTIM VELL YIELD | ATED (gpm): (| 0,5 |
| z | 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 | DING DISCH | ARGEN | иятнор, |
| NOISL | MISCELLAN | | ORMATION: | | ····· | - 50 | |
| ERV | MISCELLA | LOUSIN | ORMATION. | | | UCE | 1 17 IT |
| SUP | | | | | | S | 8 |
| RIG | | | | | | mp | |
| TEST; RIG SUPERV | | COLOR DI | | ROOM STATE DOUBLED ON STE SUBERVISION OF WELL CONST | NUCTION OT | 199 631 | |
| 5. TF | PRINT NAM | E(S) OF DI | GLL RIG SUPERV | ISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTR | COCHONOI | 2 11 | |
| | | | | | | 10CE | 0 |
| URE | CORRECT R | ECORD OI | F THE ABOVE DE | ES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF SCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL REC DAYS AFTER COMPLETION OF WELL DRILLING: | , THE FOREG ORD WITH T | OING IS HE STA | A TRUE AND TE ENGINEER |
| 6. SIGNATURE | \mathcal{L} | - | 1 m | gloof Ouvid Draybuck | 10-24 | | |
| 6. | | SIGNAT | URE OF DRILLER | 9 | I 2023 NO. | DATE | |
| FOR | OSE INTERN | AL USE | | WR-20 WELL | RECORD & L | OG (Ver | sion 09/22/2022) |
| | ENOC-4 | 778. | POPI | | 76469 | 34 | |
| LOC | CATION W | on | 24.29 | BML - 1 POD NO. PO > 1 TRN NO. 7.15.13 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



| 3C International, Inc. O. Box 805 obbs 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: /23,: 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

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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 |

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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.

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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,: | Reported: 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 | | |

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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 | |
|--|---------------------|-----|--------------------|------------|----------|---------|---------|----------------------------|-----------|-------|
| | | | |) SURFA | | | | | | |
| | | | H243 | 043-02 (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 | 4060336 | AC | 04-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compound | s by EPA Method 802 | 1 | | | | | | | | |
| 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 (Pl | 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 | |

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Celey D. Keene, Lab Director/Quality Manager



| BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | , | | | | | | Reported: 28-Jun-24 14: | 15 | | |
|--|-----------------|-----|--------------------|------------------------------|----------|---------|----------------------------|-----------|-----------|-------|
| | | | ` |) SURF 2) 43-03 (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 | 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 |)) | | 89.8 % | 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 | | | 59.5 % | 48.2 | -134 | 4053123 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 67.2 % | 49.1 | -148 | 4053123 | MS | 03-Jun-24 | 8015B | |

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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,: | Reported: 28-Jun-24 14:15 | | | |
|--|----------------------|-----------------------------|--------------------------|----------|------------|------------|------------------------------|-----------|-------|--|
| | | |) SURFA | | | | | | | |
| | | H243 | 043-04 (Se | oil) | | | | | | |
| Analyte | Result N | Reporting MDL Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | Cardina | al Laborat | tories | | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 48.0 | 16.0 | mg/kg | 4 | 4060336 | AC | 04-Jun-24 | 4500-Cl-B | | |
| Volatile Organic Compound | s by EPA Method 8021 | | | | | | | | | |
| Benzene* | < 0.050 | 0.050 | mg/kg | 50 | 4053132 | JH | 03-Jun-24 | 8021B | | |
| Toluene* | < 0.050 | 0.050 | mg/kg | 50 | 4053132 | JH | 03-Jun-24 | 8021B | | |
| Ethylbenzene* | < 0.050 | 0.050 | mg/kg | 50 | 4053132 | JH | 03-Jun-24 | 8021B | | |
| Total Xylenes* | < 0.150 | 0.150 | mg/kg | 50 | 4053132 | JH | 03-Jun-24 | 8021B | | |
| Total BTEX | < 0.300 | 0.300 | mg/kg | 50 | 4053132 | JH | 03-Jun-24 | 8021B | | |
| Surrogate: 4-Bromofluorobenzene (P. | (D) | 88.9 % | 71.5 | -134 | 4053132 | JH | 03-Jun-24 | 8021B | | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | 10.0 | mg/kg | 1 | 4053123 | MS | 03-Jun-24 | 8015B | | |
| DRO >C10-C28* | <10.0 | 10.0 | mg/kg | 1 | 4053123 | MS | 03-Jun-24 | 8015B | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | mg/kg | 1 | 4053123 | MS | 03-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctane | | 77.7 % | 48.2 | -134 | 4053123 | MS | 03-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctadecane | | 87.2 % | 49.1 | -148 | 4053123 | MS | 03-Jun-24 | 8015B | | |

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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,: | Reported: 28-Jun-24 14:15 | | | |
|--|--------------------|-----------------------------|--------------------------|----------|------------|------------|------------------------------|-----------|-------|--|
| | | | a) SURFA | | | | | | | |
| | | H243 | 043-05 (Se | oil) | | | | | | |
| Analyte | Result | Reporting MDL Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | Cardina | al 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 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 | 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) | 127 % | 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 | | 91.4 % | 48.2 | -134 | 4053124 | MS | 03-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctadecane | | 84.4 % | 49.1 | -148 | 4053124 | MS | 03-Jun-24 | 8015B | | |

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Celeg D. 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: 28-Jun-24 14:15 | | |
|--|---------------------------------------|--|--------------------|------------|----------|---------|-----------|------------------------------|-----------|-------|
| | | | | P 1@1' | | | | | | |
| | | | H243 | 043-06 (So | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 5120 | | 16.0 | mg/kg | 4 | 4060423 | HM | 04-Jun-24 | 4500-Cl-B | QM-07 |
| 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 | 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 | Surrogate: 4-Bromofluorobenzene (PID) | | 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 | Surrogate: 1-Chlorooctane | | 89.7 % | 48.2-134 | | 4053124 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | 83.8 % | 49.1-148 | | 4053124 | MS | 03-Jun-24 | 8015B | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | | Project Nu Project Mar | 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 | | | |
|--|-------------------|---------------------------|--|----------|---------|---------|------------------------------|-----------|-------|--|
| | | | SP 1@2' | .:.) | | | | | | |
| H243043-07 (Soil) | | | | | | | | | | |
| Analyte | Result | Reporting MDL Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | Cardin | 1al Laborat | tories | | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 5920 | 16.0 | mg/kg | 4 | 4060423 | HM | 04-Jun-24 | 4500-Cl-B | | |
| Volatile Organic Compounds | by EPA Method 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 | ЈН | 03-Jun-24 | 8021B | | |
| Total BTEX | < 0.300 | 0.300 | mg/kg | 50 | 4060306 | ЛН | 03-Jun-24 | 8021B | | |
| Surrogate: 4-Bromofluorobenzene (PID) | | 123 % | 3 % 71.5-134 | | 4060306 | JH | 03-Jun-24 | 8021B | | |
| <u>Petroleum Hydrocarbons by</u> | 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 | 48.2-134 | | MS | 03-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctadecane | | 76.7 % | 49.1 | 49.1-148 | | MS | 03-Jun-24 | 8015B | | |

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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 |
|--|------------------|-----|-----------------------------|-------------------------|----------|------------|------------|-----------|----------------------------|-------|
| | | | | P 1@3' | | | | | | |
| | | | H243 | 043-08 (So | 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 | by EPA Method 80 | 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 | ЛН | 03-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PII |)) | | 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* | <10.0 | | 10.0 | mg/kg | 1 | 4053124 | MS | 03-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4053124 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 97.7 % | 48.2 | -134 | 4053124 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 92.4 % | 49.1 | -148 | 4053124 | MS | 03-Jun-24 | 8015B | |

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Celey D. Keene, 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: | 15 |
|--|-----------------|------|-----------------------------|--------------------------|----------|------------|------------|-----------|----------------------------|-------|
| | | | | P 1@4' | | | | | | |
| | | | H243 | 043-09 (Se |))) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | ıl 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 | 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 | JH | 03-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PIL |)) | | 128 % | 71.5 | -134 | 4060306 | JH | 03-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4053124 | MS | 03-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4053124 | MS | 03-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4053124 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 84.3 % | 48.2 | -134 | 4053124 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 77.9 % | 49.1 | -148 | 4053124 | MS | 03-Jun-24 | 8015B | |

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Celey D. Keene, Lab Director/Quality Manager



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|--|-----------------|-----|-----------------------------|---------------------------|----------|------------|------------|-----------|----------------------------|-------|
| | | | | P 1@5' | | | | | | |
| | | | H243 | 043-10 (So |)II) | | | | | |
| 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 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 (PII |)) | | 120 % | 71.5 | -134 | 4060306 | JH | 03-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4053124 | MS | 03-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4053124 | MS | 03-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4053124 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 84.5 % | 48.2 | -134 | 4053124 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 77.2 % | 49.1 | -148 | 4053124 | MS | 03-Jun-24 | 8015B | |

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| 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 043-11 (So | | | | | | |
| | | | 112-15 | , , , , , , , , , , , , , , , , , , , | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | tories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 52000 | | 16.0 | mg/kg | 4 | 4060423 | HM | 04-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compounds | by EPA Method 80 | 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 | ЛН | 03-Jun-24 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 4060306 | JH | 03-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PI | D) | | 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 | |

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|--|-----------------|-----|-----------------------------|-------------------------|----------|------------|------------|-----------|----------------------------|-------|
| | | | | P 2@1' 043-12 (So | ,il) | | | | | |
| | | | 112430 | 545-12 (50 | ,m) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 6320 | | 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 | 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 |)) | | 121 % | 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 | | | 83.3 % | 48.2 | -134 | 4053124 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 76.8 % | 49.1 | -148 | 4053124 | MS | 03-Jun-24 | 8015B | |

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|--|-----------------|-----|-----------------------------|-------------------------|----------|-------------|------------|-----------|----------------------------|-------|
| | | | | P 2@2')43-13 (So | ,iI) | | | | | |
| | | | 112430 | J4J-1J (SC |)11) | | | | | |
| 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 | 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) | | 116 % | 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 | | | 85.5 % | 48.2 | -134 | 4053124 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 82.0 % | 49.1 | -148 | 4053124 | MS | 03-Jun-24 | 8015B | |

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|--|-----------------|-----|-----------------------------|-------------------------|----------|------------|------------|-----------|----------------------------|-------|
| | | | | P 2@3' | | | | | | |
| | | | H2430 |)43-14 (Se | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | tories | | | | | |
| 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 | 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 (PL | 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 | | | 89.4 % | 48.2 | -134 | 4053124 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 85.2 % | 49.1 | -148 | 4053124 | MS | 03-Jun-24 | 8015B | |

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|--|-----------------|-----|-----------------------------|-------------------------|----------|------------|------------|-----------|---------------------------|-------|
| | | | | 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 | |

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|--|-----------------|-----|-----------------------------|-------------------------|----------|------------|------------|-----------|----------------------------|-------|
| | | | | P 2@5' | | | | | | |
| | | | H243 |)43-16 (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 | ЈН | 03-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PI | D) | | 120 % | 71.5 | -134 | 4060306 | ЈН | 03-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4053124 | MS | 03-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4053124 | MS | 03-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4053124 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 88.9 % | 48.2 | -134 | 4053124 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 83.6 % | 49.1 | -148 | 4053124 | MS | 03-Jun-24 | 8015B | |

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|--|---------------------|-----|-----------------------------|-------------------------|---|------------|------------|-----------|----------------------------|-------|
| | | | 0 |)SURFA | | | | | | |
| | | | 112430 | 11-0-1 7 (50 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | tories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 62400 | | 16.0 | mg/kg | 4 | 4060423 | HM | 04-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compound | s 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 | 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* | 488 | | 10.0 | mg/kg | 1 | 4053124 | MS | 03-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | 166 | | 10.0 | mg/kg | 1 | 4053124 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 70.7 % | 48.2 | -134 | 4053124 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 69.3 % | 49.1 | -148 | 4053124 | MS | 03-Jun-24 | 8015B | |

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| 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@1' 043-18 (So | ,i) | | | | | |
| | | | 112430 | 545-10 (50 | <i>)</i> 11 <i>)</i> | | | | | |
| 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 | |

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| 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: | 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 | 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 (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 | |

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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 3@3' 3043-20 (So | ,i) | | | | | |
| | | 1124 | 3043-20 (30 |)II) | | | | | 1 |
| Analyte | Result | MDL Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | Cardii | nal Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | |
| Chloride | 3840 | 16.0 | mg/kg | 4 | 4060423 | HM | 04-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compounds | s by EPA Method 802 | 1 | | | | | | | |
| 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 | 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 (Pl | D) | 112 % | 71.5 | -134 | 4060306 | JH | 03-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | |
| GRO C6-C10* | <10.0 | 10.0 | mg/kg | 1 | 4053124 | MS | 03-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | 10.0 | mg/kg | 1 | 4053124 | MS | 03-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | mg/kg | 1 | 4053124 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | 85.3 % | 48.2 | -134 | 4053124 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | 79.7 % | <i>49.1</i> | -148 | 4053124 | MS | 03-Jun-24 | 8015B | |

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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@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 | |

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|--|--|------------------------|-----------------------|----------|---------|---------|-----------|-----------|-------|
| | | | SP 3@5' 043-22 (So | ,i) | | | | | |
| | | П243 | 043-22 (30 |)11) | | | | | |
| Analyte | Result | Reporting MDL Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | Cardina | al Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | |
| Chloride | 3680 | 16.0 | mg/kg | 4 | 4060423 | HM | 04-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compounds | s by EPA Method 8021 | 1 | | | | | | | |
| 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 (PI | D) | 114 % | 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 | | 88.6 % | 48.2 | -134 | 4053124 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | 84.5 % | 49.1 | -148 | 4053124 | MS | 03-Jun-24 | 8015B | |

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Celey D. Keene, Lab Director/Quality Manager



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|--|---|-----|--------------------|--------------------------|----------|---------|---------|-----------|-----------|-------|
| | | | |) SURFA 043-23 (So | | | | | | |
| | | | 11243 | 043-23 (30 |)11) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | ıl 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 | 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 | ЈН | 03-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (Ph | ID) | | 114 % | 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* | 26.6 | | 10.0 | mg/kg | 1 | 4053124 | MS | 03-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4053124 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 69.0 % | 48.2 | -134 | 4053124 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 63.8 % | 49.1 | -148 | 4053124 | MS | 03-Jun-24 | 8015B | |

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|--|--|------|--------------------|------------|----------|---------|---------|-----------|-----------|-------|
| | | | | P 4@1' | | | | | | |
| | | | H243 |)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 | JH | 03-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PIL |)) | | 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 | | | 88.0 % | 48.2 | -134 | 4053124 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 83.7 % | 49.1 | -148 | 4053124 | MS | 03-Jun-24 | 8015B | |

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| 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 4@2')43-25 (So | 5 1) | | | | | |
| | | | П2430 | 143-23 (80 |)11) | | | | | |
| 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 | |

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Celey D. Keene, Lab Director/Quality Manager



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|--|--|-----|--------------------|------------|----------|---------|---------|-----------|-----------|-------|
| | | | S | P 4@3' | | | | | | |
| | | | H243 |)43-26 (So | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| 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 | JH | 04-Jun-24 | 8021B | |
| Total Xylenes* | < 0.150 | | 0.150 | mg/kg | 50 | 4060307 | JH | 04-Jun-24 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 4060307 | JH | 04-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (Pl | D) | | 105 % | 71.5 | -134 | 4060307 | JH | 04-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4053125 | MS | 03-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4053125 | MS | 03-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4053125 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 96.7 % | 48.2 | -134 | 4053125 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 92.4 % | 49.1 | -148 | 4053125 | MS | 03-Jun-24 | 8015B | |

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|--|--|------|--------------------|------------|----------|---------|---------|-----------|-----------|-------|
| | | | | P 4@4' | | | | | | |
| | | | H2430 |)43-27 (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 | 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 | JH | 04-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PI | D) | | 106 % | 71.5 | -134 | 4060307 | JH | 04-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4053125 | MS | 03-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4053125 | MS | 03-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4053125 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 102 % | 48.2 | -134 | 4053125 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 103 % | 49.1 | -148 | 4053125 | MS | 03-Jun-24 | 8015B | |

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| 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 | | | | | | | | Reported: 28-Jun-24 14: | 15 |
|--|---|-----|--------------------|------------|----------|---------|---------|-----------|----------------------------|-------|
| | | | | P 4@5' | | | | | | |
| | | | H243 |)43-28 (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 | 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 | D) | | 105 % | 71.5 | -134 | 4060307 | JH | 04-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4053125 | MS | 03-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4053125 | MS | 03-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4053125 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 83.6 % | 48.2 | -134 | 4053125 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 83.5 % | 49.1 | -148 | 4053125 | MS | 03-Jun-24 | 8015B | |

Cardinal Laboratories

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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 |
|--|--|-----|--------------------|----------------------|---|---------|---------|-----------|-----------|-------|
| | | | 0 |)SURFA)43-29 (So | | | | | | |
| | | | 112-10 | 10 2) (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 | 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 | JH | 04-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PL | D) | | 106 % | 71.5 | -134 | 4060307 | JH | 04-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4053125 | MS | 03-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4053125 | MS | 03-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4053125 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 65.1 % | 48.2 | -134 | 4053125 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 58.2 % | 49.1 | -148 | 4053125 | MS | 03-Jun-24 | 8015B | |

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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 5@1' | .1) | | | | | |
| | | | 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 | |

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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 5@2' | | | | | | |
| | | | H243 | 043-31 (So | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| <u>Inorganic Compounds</u> Chloride | 720 | | 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 |)) | | 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 | | | 72.5 % | 48.2 | -134 | 4053125 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 71.1 % | 49.1 | -148 | 4053125 | MS | 03-Jun-24 | 8015B | |

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Celey D. Keene, 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 | |

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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 | |

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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' | - 30 | | | | | |
| | | | H243 |)43-34 (So |)11) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 4480 | | 16.0 | mg/kg | 4 | 4060419 | AC | 04-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compounds | s by EPA Method 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) | | 99.6 % | 71.5 | -134 | 4060307 | JH | 04-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4053125 | MS | 03-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4053125 | MS | 03-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4053125 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 74.1 % | 48.2 | -134 | 4053125 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 72.4 % | 49.1 | -148 | 4053125 | MS | 03-Jun-24 | 8015B | |

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Celey D. Keene, 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 6@2' | . 9) | | | | | |
| | | | H243 | 043-35 (So |)11) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | tories | | | | | |
| 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 (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 | | | 70.6 % | 48.2 | -134 | 4053125 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 70.3 % | 49.1 | -148 | 4053125 | MS | 03-Jun-24 | 8015B | |

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Celey D. 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: | 15 |
|--|-----------------|-----|-----------------------------|--------------------------|----------|------------|------------|-----------|----------------------------|-------|
| | | | | SP 6@3' | .9) | | | | | |
| | | | H243 | 043-36 (So |)11) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | ıl Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 1040 | | 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 (PIL |)) | | 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 | |

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| 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' | | | | | | |
| | | | H243 | 043-37 (Se | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Labora | tories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 832 | | 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 |)) | | 99.2 % | 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 | | | 89.0 % | 48.2 | -134 | 4053125 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 89.8 % | 49.1 | -148 | 4053125 | MS | 03-Jun-24 | 8015B | |

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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 |)43-38 (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 | 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) | | 99.4 % | 71.5 | -134 | 4060307 | JH | 04-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4053125 | MS | 03-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4053125 | MS | 03-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4053125 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 94.0 % | 48.2 | -134 | 4053125 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 93.6 % | 49.1 | -148 | 4053125 | MS | 03-Jun-24 | 8015B | |

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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 (So | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | tories | | | | | |
| Inorganic Compounds | | | 16.0 | | | 40 (0 410 | | 04.1 04 | 4500 CL D | |
| 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 (PL | D) | | 100 % | 71.5 | -134 | 4060307 | JH | 04-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4053125 | MS | 03-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4053125 | MS | 03-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4053125 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 85.7 % | 48.2 | -134 | 4053125 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 86.4 % | 49.1 | -148 | 4053125 | MS | 03-Jun-24 | 8015B | |

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| 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 | |

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| 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' | .9) | | | | | | | | |
| | | | П2430 |)43-41 (So |)11) | | | | | | | | |
| 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 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 | 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 (PIL |)) | | 96.2 % | 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 | | | 79.9 % | 48.2 | -134 | 4053125 | MS | 03-Jun-24 | 8015B | | | | |
| Surrogate: 1-Chlorooctadecane | | | 80.8 % | 49.1 | -148 | 4053125 | MS | 03-Jun-24 | 8015B | | | | |

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| 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 | 043-42 (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 | 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 | 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) | | <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 | |

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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: | 15 |
|--|----------------------|-----|-----------------------------|--------------------------|----------|------------|------------|-----------|----------------------------|-------|
| | | | |) SURFA 043-43 (So | | | | | | |
| | | | 11240 | 010 10 (50 | ,,,,, | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | ıl Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 1800 | | 16.0 | mg/kg | 4 | 4060419 | AC | 04-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compound | ls by EPA Method 802 | 1 | | | | | | | | |
| 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 (P | PID) | | 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 | | | 73.6% | 48.2 | -134 | 4053125 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 77.5 % | 49.1 | -148 | 4053125 | MS | 03-Jun-24 | 8015B | |

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Celey D. 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 8@1' 043-44 (So | ,i) | | | | | |
| | | | 112430 | 545-44 (50 | <i>)</i> 11 <i>)</i> | | | | | |
| 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 | JH | 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 | 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 | | | 96.3 % | 48.2 | -134 | 4053125 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 103 % | 49.1 | -148 | 4053125 | MS | 03-Jun-24 | 8015B | |

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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 8@2' | | | | | | |
| | | | H243 | 043-45 (Se | oil) | | | | | |
| 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 | 4060419 | AC | 04-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compounds b | y EPA Method | 8021 | | | | | | | | |
| Benzene* | < 0.050 | | 0.050 | mg/kg | 50 | 4060308 | JH | 03-Jun-24 | 8021B | |
| Toluene* | < 0.050 | | 0.050 | mg/kg | 50 | 4060308 | JH | 03-Jun-24 | 8021B | |
| Ethylbenzene* | < 0.050 | | 0.050 | mg/kg | 50 | 4060308 | JH | 03-Jun-24 | 8021B | |
| Total Xylenes* | < 0.150 | | 0.150 | mg/kg | 50 | 4060308 | JH | 03-Jun-24 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 4060308 | ЛН | 03-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 99.4 % | 71.5 | -134 | 4060308 | JH | 03-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by G | C FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4053126 | MS | 03-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4053126 | MS | 03-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4053126 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 85.6 % | 48.2 | -134 | 4053126 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 79.0 % | 49.1 | -148 | 4053126 | MS | 03-Jun-24 | 8015B | |

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Celey D. Keene, 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 8@3' | | | | | | |
| | | | H243 | 043-46 (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 | 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 | ЈН | 03-Jun-24 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 4060308 | ЛН | 03-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PL | D) | | 98.8 % | 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 | | | 94.0 % | 48.2 | -134 | 4053126 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 88.0 % | 49.1 | -148 | 4053126 | MS | 03-Jun-24 | 8015B | |

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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)43-47 (So | | | | | | |
| | | | 112450 | J-J- - (30 | ,m) | | | | | |
| 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 | JH | 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* | 276 | | 10.0 | mg/kg | 1 | 4053126 | MS | 03-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | 205 | | 10.0 | mg/kg | 1 | 4053126 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 88.7 % | 48.2 | -134 | 4053126 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 79.6 % | 49.1 | -148 | 4053126 | MS | 03-Jun-24 | 8015B | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| 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 9@1' | | | | | | |
| | | | H2430 |)43-48 (So | oil) | | | | | |
| 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 | 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 | 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 (PI | D) | | 99.1 % | 71.5 | -134 | 4060308 | ЈН | 03-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4053126 | MS | 03-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4053126 | MS | 03-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4053126 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 81.0 % | 48.2 | -134 | 4053126 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 74.6 % | 49.1 | -148 | 4053126 | MS | 03-Jun-24 | 8015B | |

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|--|------------------|-----|-----------------------------|-------------------------|----------|------------|------------|-----------|----------------------------|-------|
| | | | 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 | |

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| 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 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 | |

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|--|--|-----|--------------------|----------------|----------|---------|---------|------------|-----------|-------|
| | | | SP 10 (| a SURFA | CE | | | | | |
| | | | H243 | 043-51 (So | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | ıl Laborat | tories | | | | | |
| Inorganic Compounds Chloride | 2560 | | 16.0 | mg/kg | 4 | 4060424 | HM | 04-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compounds | | 91 | 10.0 | ing/kg | 7 | 4000424 | IIIvi | 04-Juli-24 | 4300-01-0 | |
| Benzene* | <0.050 | 1 | 0.050 | mg/kg | 50 | 4060308 | JH | 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 | JH | 03-Jun-24 | 8021B | |
| Total Xylenes* | < 0.150 | | 0.150 | mg/kg | 50 | 4060308 | JH | 03-Jun-24 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 4060308 | JH | 03-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PI | D) | | 99.0 % | 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 | | | 77.9% | 48.2 | -134 | 4053126 | MS | 03-Jun-24 | 8015B | _ |
| Surrogate: 1-Chlorooctadecane | | | 72.9 % | 49.1 | -148 | 4053126 | MS | 03-Jun-24 | 8015B | |

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|--|--|------|--------------------|------------|----------|---------|---------|-----------|-----------|-------|
| | | | | 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 | |

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|--|---|-----|--------------------|------------|----------|---------|---------|-----------|-----------|-------|
| | | | | 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 | |

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|--|-----------------|------|-----------------------------|--------------------------|----------|------------|------------|-----------|----------------------------|-------|
| | | | | P 10@3' | | | | | | |
| | | | H243 | 043-54 (So | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | ıl Laborat | ories | | | | | |
| <u>Inorganic Compounds</u> 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 | 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 (PIL |)) | | 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 | |

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|--|--|------------------------|------------|----------|---------|---------|-----------|-----------|-------|
| | | 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 | |

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| 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 | |

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|--|--------------------|-----|-----------------------------|-------------------------|-----------------------|------------|------------|-----------|----------------------------|-------|
| | | | | 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 | |

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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 | |

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|--|------------------|-----|-----------------------------|--------------------------|----------|------------|------------------------------|-----------|-----------|-------|
| | | | | @SURFA | | | | | | |
| | | | H243 | 043-59 (So | 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 | 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 | JH | 03-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (Pl | D) | | 99.0 % | 71.5 | -134 | 4060308 | JH | 03-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4053126 | MS | 03-Jun-24 | 8015B | |
| DRO >C10-C28* | 3670 | | 10.0 | mg/kg | 1 | 4053126 | MS | 03-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4053126 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 81.7 % | 48.2 | -134 | 4053126 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 124 % | 49.1 | -148 | 4053126 | MS | 03-Jun-24 | 8015B | |

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Celey D. Keene, Lab Director/Quality Manager



| BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | | Project:CEDAR CANYON WTFReporteProject Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24Project Manager:Cliff BrunsonFax To:(575) 397-0397 | | | | | | | | |
|--|----------------------|--|-------------|----------|---------|---------|-----------|-----------|-------|--|
| | | | P 12@1' | | | | | | | |
| | | H243 | 6043-60 (Se |))) | | | | | | |
| Analyte | Result | MDL Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | Cardin | al Laborat | tories | | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 752 | 16.0 | mg/kg | 4 | 4060424 | HM | 04-Jun-24 | 4500-Cl-B | | |
| Volatile Organic Compounds | s by EPA Method 8021 | | | | | | | | | |
| Benzene* | < 0.050 | 0.050 | mg/kg | 50 | 4060308 | JH | 03-Jun-24 | 8021B | | |
| Toluene* | < 0.050 | 0.050 | mg/kg | 50 | 4060308 | 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 | 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) | 97.2 % | 71.5 | -134 | 4060308 | ЈН | 03-Jun-24 | 8021B | | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | 10.0 | mg/kg | 1 | 4053126 | MS | 03-Jun-24 | 8015B | | |
| DRO >C10-C28* | 149 | 10.0 | mg/kg | 1 | 4053126 | MS | 03-Jun-24 | 8015B | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | mg/kg | 1 | 4053126 | MS | 03-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctane | | 86.4 % | 48.2 | -134 | 4053126 | MS | 03-Jun-24 | 8015B | _ | |
| Surrogate: 1-Chlorooctadecane | | 82.3 % | 49.1 | -148 | 4053126 | MS | 03-Jun-24 | 8015B | | |

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| 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 12@2' | | | | | | |
| | | | H243 | 043-61 (So | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| <u>Inorganic Compounds</u> Chloride | 608 | | 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 | 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 | ЛН | 03-Jun-24 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 4060308 | ЈН | 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 | | | 96.3 % | 48.2 | -134 | 4053126 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 89.0 % | 49.1 | -148 | 4053126 | MS | 03-Jun-24 | 8015B | |

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Celey D. Keene, 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 (So | 01 1) | | | | | |
| 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 | 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) | | 98.0 % | 71.5 | -134 | 4060308 | JH | 03-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4053126 | MS | 03-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4053126 | MS | 03-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4053126 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 88.7 % | 48.2 | -134 | 4053126 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 80.5 % | 49.1 | -148 | 4053126 | MS | 03-Jun-24 | 8015B | |

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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,: 24 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 | |

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|--|---------------------|-----|-----------------------------|-------------------------|--------------|------------|------------|-----------|----------------------------|-------|
| | | | | 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 | |

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|--|-----------------|-----|-----------------------------|---------------------------|----------|------------|------------|-----------|----------------------------|-------|
| | | | | P 13@2' | | | | | | |
| | | | H243 | 043-65 (So | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| <u>Inorganic Compounds</u> 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 | 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 | 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* | <10.0 | | 10.0 | mg/kg | 1 | 4060302 | MS | 03-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060302 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 82.6 % | 48.2 | -134 | 4060302 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 91.1 % | 49.1 | -148 | 4060302 | MS | 03-Jun-24 | 8015B | |

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| 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 |
|--|------------------|-----|-----------------------------|-------------------------|-------------|------------|------------|-----------|----------------------------|-------|
| | | | | • 13@3')43-66 (Se | vil) | | | | | |
| | | | 112430 | 545-00 (50 | лт <i>у</i> | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | tories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 1710 | | 16.0 | mg/kg | 4 | 4060343 | AC | 04-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compounds | 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 | ЈН | 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 | |

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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 | |

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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@5' | | | | | | |
| | | | H243 |)43-68 (So |)II) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 176 | | 16.0 | mg/kg | 4 | 4060343 | AC | 04-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compounds | s by EPA Method 802 | 1 | | | | | | | | |
| 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 | | | 100 % | 48.2 | -134 | 4060302 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 109 % | 49.1 | -148 | 4060302 | MS | 03-Jun-24 | 8015B | |

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|--|-------------------|-----|-----------------------------|--------------------------|----------|------------|------------|-----------|----------------------------|-------|
| | | | SP 14 (| a SURFA | CE | | | | | |
| | | | H243 | 043-69 (Se | oil) | | | | | |
| Analyte | Result | MDL | Reporting 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 | s 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) | | 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 | | | 67.4 % | 48.2 | -134 | 4060302 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 72.3 % | 49.1 | -148 | 4060302 | MS | 03-Jun-24 | 8015B | |

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| 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 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 | |

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| 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 |
|--|---|-----|--------------------|------------|----------|---------|---------|-----------|-----------|-------|
| | | | | P 14@2' | | | | | | |
| | | | H243 | 043-71 (So | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | tories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 80.0 | | 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 | 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 (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 | | | 94.1 % | 48.2 | -134 | 4060302 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 102 % | 49.1 | -148 | 4060302 | MS | 03-Jun-24 | 8015B | |

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|--|--------------------|-----|--|------------|----------|---------|---------|-----------|------------------------------|-------|--|
| | | | 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 | ЈН | 03-Jun-24 | 8021B | | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4060302 | MS | 03-Jun-24 | 8015B | | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4060302 | MS | 03-Jun-24 | 8015B | | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060302 | MS | 03-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctane | | | 102 % | 48.2 | -134 | 4060302 | MS | 03-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctadecane | | | 111 % | 49.1- | -148 | 4060302 | MS | 03-Jun-24 | 8015B | | |

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| BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | | | Project Num Project Mana | ber: 7/1! ager: Cliff | | Reported: 28-Jun-24 14:15 | | | | |
|--|------------------|-----|-----------------------------|--------------------------|----------|------------------------------|---------|-----------|-----------|-------|
| | | | SP 15 (| @SURFA | CE | | | | | |
| | | | H243 | 043-73 (So | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | ıl Laborat | ories | | | | | |
| <u>Inorganic Compounds</u> Chloride | 656 | | 16.0 | mg/kg | 4 | 4060343 | AC | 04-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compounds | 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) | | 108 % | 71.5 | -134 | 4060309 | JH | 03-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4060302 | MS | 03-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4060302 | MS | 03-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060302 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 99.4 % | 48.2 | -134 | 4060302 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 108 % | 49.1 | -148 | 4060302 | MS | 03-Jun-24 | 8015B | |

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| 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 | | |
|--|---------|-----|--|------------|----------|---------|---------|-----------|------------------------------|-------|--|
| | | | 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 | | |

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|--|-------------------|-----|--|------------|----------|---------|---------|-----------|------------------------------|-------|--|
| | | | S | P 15@2' | | | | | | | |
| | | | H243 | 043-75 (So | oil) | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | | Cardina | ıl Laborat | ories | | | | | | |
| Inorganic Compounds Chloride | 272 | | 16.0 | mg/kg | 4 | 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 | 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 | 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 (PI | 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* | <10.0 | | 10.0 | mg/kg | 1 | 4060302 | MS | 03-Jun-24 | 8015B | | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060302 | MS | 03-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctane | | | 109 % | 48.2 | -134 | 4060302 | MS | 03-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctadecane | | | 120 % | 49.1 | -148 | 4060302 | MS | 03-Jun-24 | 8015B | | |

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| 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-JunProject Manager:Cliff BrunsonFax To:(575) 397-0397 | | | | | | | | | 15 |
|--|--|-----|--------------------|------------|----------|---------|---------|-----------|-----------|-------|
| | | | SI | P 15@3' | | | | | | |
| | | | H2430 |)43-76 (Se | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 4720 | | 16.0 | mg/kg | 4 | 4060343 | AC | 04-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compounds | 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 | ЈН | 03-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PI | 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 | |

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| BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | | Project Nur Project Man | | 5/22,7/22/2 Brunson | Reported: 28-Jun-24 14:15 | | | | |
|--|---------------------|----------------------------|-------------|------------------------|------------------------------|---------|-----------|-----------|-------|
| | | SP 16 | @SURFA | CE | | | | | |
| | | H243 | 3043-77 (Se | oil) | | | | | |
| Analyte | Result | Reporting MDL Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | Cardin | al Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | |
| Chloride | 4880 | 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 | 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 | ЈН | 03-Jun-24 | 8021B | |
| Total Xylenes* | < 0.150 | 0.150 | mg/kg | 50 | 4060309 | ЈН | 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 | 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* | 38.9 | 10.0 | mg/kg | 1 | 4060302 | MS | 03-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | 44.9 | 10.0 | mg/kg | 1 | 4060302 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | 78.6 % | 48.2 | -134 | 4060302 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | 85.8 % | 49.1 | -148 | 4060302 | MS | 03-Jun-24 | 8015B | |

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Celey D. Keene, Lab Director/Quality Manager



| BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | | | Project Nun Project Mana | nber: 7/1! ager: Cliff | | Reported: 28-Jun-24 14:15 | | | | |
|--|--------------------|-----|-----------------------------|---------------------------|----------|------------------------------|---------|-----------|-----------|-------|
| | | | 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 | |

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| 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,: | Reported: 28-Jun-24 14:15 | | |
|--|-----------------|------|-----------------------------|---------------------------|----------|------------|------------|------------------------------|-----------|-------|
| | | | | P 16@2' | | | | | | |
| | | | H243 | 043-79 (Se | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | tories | | | | | |
| <u>Inorganic Compounds</u> Chloride | 496 | | 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 (PID |)) | | 106 % | 71.5 | -134 | 4060309 | ЈН | 03-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by (| GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4060302 | MS | 03-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4060302 | MS | 03-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060302 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 86.0 % | 48.2 | -134 | 4060302 | MS | 03-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 92.8 % | 49.1 | -148 | 4060302 | MS | 03-Jun-24 | 8015B | |

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| 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 16@3' | - 31) | | | | | |
| | | | H243 | 043-80 (So |)11) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| 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 | 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 (PIL |)) | | 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 | |

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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 14:15 |
|---|------------------|---|------------------------------|
| 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 4060336 - 1:4 DI Water | | | | | | | | | | |
| Blank (4060336-BLK1) | | | | Prepared & | Analyzed: | 03-Jun-24 | | | | |
| Chloride | ND | 16.0 | mg/kg | | | | | | | |
| LCS (4060336-BS1) | | | | Prepared & | Analyzed: | 03-Jun-24 | | | | |
| Chloride | 448 | 16.0 | mg/kg | 400 | | 112 | 80-120 | | | |
| LCS Dup (4060336-BSD1) | | | | Prepared & | Analyzed: | 03-Jun-24 | | | | |
| Chloride | 416 | 16.0 | mg/kg | 400 | | 104 | 80-120 | 7.41 | 20 | |
| Batch 4060343 - 1:4 DI Water | | | | | | | | | | |
| Blank (4060343-BLK1) | | | | Prepared & | Analyzed: | 03-Jun-24 | | | | |
| Chloride | ND | 16.0 | mg/kg | | | | | | | |
| LCS (4060343-BS1) | | | | Prepared & | Analyzed: | 03-Jun-24 | | | | |
| Chloride | 432 | 16.0 | mg/kg | 400 | | 108 | 80-120 | | | |
| LCS Dup (4060343-BSD1) | | | | Prepared & | Analyzed: | 03-Jun-24 | | | | |
| Chloride | 432 | 16.0 | mg/kg | 400 | | 108 | 80-120 | 0.00 | 20 | |
| | | | | | | | | | | |
| Batch 4060419 - 1:4 DI Water | | | | | | | | | | |
| Batch 4060419 - 1:4 DI Water Blank (4060419-BLK1) | | | | Prepared & | Analyzed: | 04-Jun-24 | | | | |
| | ND | 16.0 | mg/kg | Prepared & | Analyzed: | 04-Jun-24 | | | | |
| Blank (4060419-BLK1) | ND | 16.0 | mg/kg | Prepared & Prepared & | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

| BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | Project: 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 | | | | | |
| | | Reporting | | Spike | Source | | %REC | | RPD | |
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |
| Batch 4060419 - 1:4 DI Water | | | | | | | | | | |
| LCS Dup (4060419-BSD1) | | | | Prepared & | Analyzed: | 04-Jun-24 | | | | |
| Chloride | 416 | 16.0 | mg/kg | 400 | | 104 | 80-120 | 3.77 | 20 | |
| Batch 4060423 - 1:4 DI Water | | | | | | | | | | |
| Blank (4060423-BLK1) | | | | Prepared & | Analyzed: | 04-Jun-24 | | | | |
| Chloride | ND | 16.0 | mg/kg | | | | | | | |
| LCS (4060423-BS1) | | | | Prepared & | Analyzed: | 04-Jun-24 | | | | |
| Chloride | 416 | 16.0 | mg/kg | 400 | | 104 | 80-120 | | | |
| LCS Dup (4060423-BSD1) | | | | Prepared & | Analyzed: | 04-Jun-24 | | | | |
| Chloride | 416 | 16.0 | mg/kg | 400 | | 104 | 80-120 | 0.00 | 20 | |
| Batch 4060424 - 1:4 DI Water | | | | | | | | | | |
| Blank (4060424-BLK1) | | | | Prepared & | Analyzed: | 04-Jun-24 | | | | |
| Chloride | ND | 16.0 | mg/kg | | | | | | | |
| LCS (4060424-BS1) | | | | Prepared & | Analyzed: | 04-Jun-24 | | | | |
| Chloride | 416 | 16.0 | mg/kg | 400 | | 104 | 80-120 | | | |
| LCS Dup (4060424-BSD1) | | | | Prepared & | Analyzed: | 04-Jun-24 | | | | |
| Chloride | 416 | 16.0 | mg/kg | 400 | | 104 | 80-120 | 0.00 | 20 | |

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| P.O. Box 805 Project Number: //15/22,//22/22,8/25/22,2/25/23,. 26-Juli-24 14.1 Hobbs NM, 88241 Project Manager: Cliff Brunson Fax To: (575) 397-0397 | BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | | Reported: 5/23,: 28-Jun-24 14:15 |
|--|--|--|-------------------------------------|
|--|--|--|-------------------------------------|

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 | | | | | <u>_</u> | | | | | |
| Blank (4053132-BLK1) | | | | Prepared: 3 | 51-May-24 | Analyzed: |)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) | ND | | mg/kg | 0.0500 | | 88.2 | 71.5-134 | | | |
| LCS (4053132-BS1) | | | | Prepared: 3 | 51-May-24 | Analyzed: |)3-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 | 1-May-24 | Analyzed: |)3-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 |
| | | | |

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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

| | | 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 | analyzed: 0 | 4-Jun-24 | | | |
| Benzene | ND | 0.050 | mg/kg | | | | | | | |
| Toluene | ND | 0.050 | mg/kg | | | | | | | |
| Ethylbenzene | ND | 0.050 | mg/kg | | | | | | | |
| Total Xylenes | ND | 0.150 | mg/kg | | | | | | | |
| Total BTEX | ND | 0.300 | mg/kg | | | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0550 | | mg/kg | 0.0500 | | 110 | 71.5-134 | | | |
| | | | | | | | | | | |

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Celey D. 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 | 5 |
|-----------------------|---|
| | |

| A | | Reporting | IT '/ | Spike | Source | 0/850 | %REC | DDD | RPD Limit | ът. | |
|---------------------------------------|---|-----------|-------|-------------|------------|------------|----------|-------|--------------|-------|--|
| 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: 03-Jun-24 Analyzed: 04-Jun-24 | | | | | | | | | | |
| Benzene | 2.03 | 0.050 | mg/kg | 2.00 | | 102 | 82.8-130 | 0.634 | 15.8 | | |
| Toluene | 2.12 | 0.050 | mg/kg | 2.00 | | 106 | 86-128 | 2.31 | 15.9 | | |
| Ethylbenzene | 2.15 | 0.050 | mg/kg | 2.00 | | 108 | 85.9-128 | 2.57 | 16 | | |
| m,p-Xylene | 4.20 | 0.100 | mg/kg | 4.00 | | 105 | 89-129 | 2.66 | 16.2 | | |
| o-Xylene | 2.14 | 0.050 | mg/kg | 2.00 | | 107 | 86.1-125 | 3.06 | 16.7 | | |
| Total Xylenes | 6.34 | 0.150 | mg/kg | 6.00 | | 106 | 88.2-128 | 2.80 | 16.3 | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0501 | | mg/kg | 0.0500 | | 100 | 71.5-134 | | | | |
| Batch 4060308 - Volatiles | | | | | | | | | | | |
| Blank (4060308-BLK1) | | | | Prepared & | Analyzed: | 03-Jun-24 | | | | | |
| Benzene | ND | 0.050 | mg/kg | | | | | | | | |
| Toluene | ND | 0.050 | mg/kg | | | | | | | | |
| Ethylbenzene | ND | 0.050 | mg/kg | | | | | | | | |
| Total Xylenes | ND | 0.150 | mg/kg | | | | | | | | |
| Total BTEX | ND | 0.300 | mg/kg | | | | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | ND | | mg/kg | 0.0500 | | 98.1 | 71.5-134 | | | | |

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Celey D. Keine

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 |
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|------------------------------|

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

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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 |
|--|--|------------------------------|
|--|--|------------------------------|

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

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|---------------------------------------|--------|--------------------|-------|----------------|------------------|-----------|----------------|-------|--------------|-------|
| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | 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 | | | |
| Total Xylenes | 5.84 | 0.150 | mg/kg | 6.00 | | 97.3 | 88.2-128 | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0522 | | mg/kg | 0.0500 | | 104 | 71.5-134 | | | |
| LCS Dup (4060309-BSD1) | | | | Prepared & | Analyzed: | 03-Jun-24 | | | | |
| Benzene | 1.72 | 0.050 | mg/kg | 2.00 | | 86.0 | 82.8-130 | 2.68 | 15.8 | |
| foluene | 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 | | | |

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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 |
|--|-------------------------------------|--|------------------------------|
|--|-------------------------------------|--|------------------------------|

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 4053123 - General Prep - Organics | | | | | | | | | | | | | |
| Blank (4053123-BLK1) | | | | Prepared: 3 | 31-May-24 | Analyzed: | 03-Jun-24 | | | | | | |
| GRO C6-C10 | ND | 10.0 | mg/kg | | 5 | - | | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | | | | | |
| Surrogate: 1-Chlorooctane | 46.3 | | mg/kg | 50.0 | | 92.6 | 48.2-134 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 56.6 | | mg/kg | 50.0 | | 113 | 49.1-148 | | | | | | |
| LCS (4053123-BS1) | | Prepared: 31-May-24 Analyzed: 03-Jun-24 | | | | | | | | | | | |
| GRO C6-C10 | 202 | 10.0 | mg/kg | 200 | | 101 | 66.4-123 | | | | | | |
| DRO >C10-C28 | 197 | 10.0 | mg/kg | 200 | | 98.6 | 66.5-118 | | | | | | |
| Total TPH C6-C28 | 399 | 10.0 | mg/kg | 400 | | 99.8 | 77.6-123 | | | | | | |
| Surrogate: 1-Chlorooctane | 57.0 | | mg/kg | 50.0 | | 114 | 48.2-134 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 69.2 | | mg/kg | 50.0 | | 138 | 49.1-148 | | | | | | |
| LCS Dup (4053123-BSD1) | | | | Prepared: 3 | 31-May-24 | Analyzed: | 03-Jun-24 | | | | | | |
| GRO C6-C10 | 197 | 10.0 | mg/kg | 200 | | 98.6 | 66.4-123 | 2.43 | 17.7 | | | | |
| DRO >C10-C28 | 187 | 10.0 | mg/kg | 200 | | 93.4 | 66.5-118 | 5.47 | 21 | | | | |
| Total TPH C6-C28 | 384 | 10.0 | mg/kg | 400 | | 96.0 | 77.6-123 | 3.92 | 18.5 | | | | |
| Surrogate: 1-Chlorooctane | 58.0 | | mg/kg | 50.0 | | 116 | 48.2-134 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 70.2 | | mg/kg | 50.0 | | 140 | 49.1-148 | | | | | | |
| Batch 4053124 - General Prep - Organics | | | | | | | | | | | | | |
| Blank (4053124-BLK1) | | | | Prepared: 3 | 31-May-24 | Analyzed: | 03-Jun-24 | | | | | | |
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | | | | |

| Dialik (1000121 DEIKI) | | | | Trepured. 51 Mid | ij 217 marjžea. (| 55 5 dil 21 | |
|-------------------------------|------|------|-------|------------------|-------------------|-------------|--|
| 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 | |
| | | | | | | | |

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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 | | | |
| | | | | | | | | | | |

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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 | | | |

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Celey D. Keene, Lab Director/Quality Manager



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

Petroleum Hydrocarbons by GC FID - Quality Control

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| | | 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 | | | |

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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 |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Released to Imaging: 2/10/2025 8:13:51 AM

| Address: P.O. Box 805 | Box 805 | | Company: Oxy | | _ | | | |
|---|---|--|--|---|------------|-----|--------------------|----------|
| city: Hobbs | State: NM | 1 Zip: 88241 | Attn: | | | | | |
| Phone #: 575-397-6388 | Fax #: | 575-397-0397 | Address: | | | | | |
| Project #: | Project Owner: Oxy | ner: Oxy | City: | | | | | |
| Project Name: C | Project Name: CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24) | | State: Zip: | | | _ | | |
| Project Location: | : New Mexico | * 10/04/23 | Phone #: | | le | _ | | |
| Sampler Name: | SIMON RENDAN | | Fax #: | | 0 | 7 | | |
| FOR LAB USE ONLY | | | PRESERV. SAMPLING | LING | m | ΕX | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)O # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE | OTHER : ACID/BASE: ICE / COOL OTHER : DATE | TIME | Shle | TPH | | |
| 1-10-1 | SP N@ SURFACE | - < | | 9:25AM | < | 1 | | |
| 2 | SP E@ SURFACE | 1 | 5/23/24 | 9:43AM | < | 1 | | |
| s | SP W@SURFACE | | 5/23/24 | 10:06AM | < | | | |
| 9 | SP S@SURFACE | | 5/23/24 | 10:21AM | | 1 | | |
| v | SP 1@SURFRACE | | 5/23/24 | | < | • • | | |
| 6 | SP 1@1' | | 5/23/24 | | < | | | |
| L | SP 1@2' | | 5/23/24 | 11:16AM | < | | | |
| A | SP 1@3' | | 5/23/24 | 11:35AM | < | | | |
| Q | SP 1@4' | | 5/23/24 | 11:52AM | < | • • | | |
| PLEASE NOTE: Liability an | SP 1@5' a Damages. Cardinal's liability and client's exclusive remed | for any claim arising whether based in contract or tort, shall be | t or tort, shall be limited to the amount | 12:08PM paid by the client for the | È | 4 4 | | |
| PLEASE NOTE: Liability an analyses. All claims includin service in no event shall Ca affiliates or successors arisin | PLEASE MOTE: Liability and Damages. Catatoriat hability and center sectors of enrody or any scalar source on source or non-owner or you converse on a special term of the applicable maynes. All claims including those for negligance and any other cause whatsoere shall be deemed unless made in intring and received by Cardinal within 30 days after competion of the applicable service. In no event shall Cardinal be liable for incidental or connegurinal damages, including without initiation, business interruptions, forsi of unit, or loss of profits incurred by claims, it is ubbidiates, service in no event shall Cardinal be liable for incidental or connegurinal damages, including without initiation, business interruptions, forsi of unit, or loss of profits incurred by claims, it is subsidiates, affiliates or succession savisor out or trained to the enformance of envices hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. | ris exclusive temety to any caam assaid windher base in contract, oner or more or more or any or or control war asse whatsoever shall be deemed waved unless made in writing and received by Cardinal within 30 days after composition of the a punnal damages, including without lenation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaritie of services hareunder by Cardinal, reparaless of whicher such claim is based upon any of the above stated reasons or otherwise. | a or tort, shall be unlied to air announce of received by Cardinal within 30 days loss of use, or loss of profits incurred is based upper any of the above stated | after completion of the by client, its subsidiariti freasons or otherwise | applicable | | | |
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| + Cardinal | Cardinal cannot accent verbal channes. Please fax written channes to 505-393-2476 | ass fay written channes to | 505-393-2476 | | | | | |

Project Manager: Cliff Brunson

P.O. #:

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.

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

Releas

| 19 SP 3@2' | 5/23/24 | 3:04PM v v v |
|---|--|--|
| 7.) SP 3@3' | 5/23/24 | 3:21PM v v v |
| U OF OWO | L | 2 4 |
| ELEASE NOTE: Liability and Chanages: Candmits liability and client's exclusive nemedy for any claim straining whether based in contract or tort, shall be limited to the annual paid by the client for the naivees. All Claims: including those for negligence and any claim straineres what become based unless nade in writing and scenked by Candmal within 30% after completion of the applicable envice. In no event basel Candma base for including or consequential damages, including without imbation, basines natengo in based using university that a basel up on other splicable includes or successors allang out of or related to the performance of between between by Candmal, regardless of whether spon claim is based upon of other ables after (reasons or otherwise). | To exclusive energe for any claim aroung whether based in contract or tort, shall be limbed to the amount paid by the cleant for the use whatboever shall be deemed waved unless made in writing and received b Califical Winn 30 days that completion of the ar- ential damages, exclusion guilhout instance, baseness notemptons, tois of use, or longer writis incurred by claims it which are services helesonder by Caudinal, tegardises of whether such claim is based upon which above safed reasons or otherwise. | by the cleant for the complexition of the applicable and its subsidiaries, does or otherwise! |
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| ALL A TIME OF ANY | Jonal port | |
| Relinquished By: A MI Date: 21-24 R | Received By: | & Customer requester in |
| Jarol Hun Ten 3 | Ordanos | |
| Delivered By: (Circle Oné) - Q. 4 | Cool Intact (Initials) | Changes to 6/26/24 |
| Sampler - UPS - Bus - Other: | | Changes to 6/26/24 |

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SP 3@SURFACE

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2:26PM 2:16PM 1:56PM 1.37PM 1:23PM 1:08PM 12:47PM TIME

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5/23/24 5/23/24 5/23/24 5/23/24 5/23/24

SP 2@5'

SP 2@4'

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SP 2@2' SP 2@3'

424

284

SP 2@SURAFCE

SP 2@1'

Lab I.D.

Sample I.D.

(G)RAB OR (C)OMP # CONTAINERS

> GROUNDWATER WASTEWATER

SOIL OIL SLUDGE

OTHER

DATE

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5

<

ACID/BASE:

ICE / COOL OTHER

city: Hobbs

Phone #: 575-397-6388

Project #:

Project Manager: Cliff Brunson

Company Name: BBC International, Inc

101 East Marland, Hobbs, NM 88240

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

Address: P.O. Box 805

Project Name: CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24)

10/04/23

State: Phone #:

Zip:

0

City:

MATRIX

PRESERV

SAMPLING

10/

Fax #:

Project Owner: Oxy

Fax #: State: NM

575-397-0397 Zip:

88241

Attn:

Company:

Oxy

Address:

P.O. #:

BILL TO

ANALYSIS REQUEST

Sampler Name:

SIMON RENDAN

OR LAB USE ONLY

Project Location: New Mexico

Released to Imaging: 2/10/2025 8:13:51 AM

| Received by | OCD: | 2/7/2025 | 6:10:00 PM |
|-------------|------|----------|------------|
|-------------|------|----------|------------|

Page 99 of 105

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Page 100 of 105

Released to Imaging: 2/10/2025 8:13:51 AM

| Chauses to 6/26/24 | * | n CHECKED BY: (Initials) | Sample Condition Cool Intact Dries Pres | Circle One) -9.4 Bus - Other: +140 | Delivered By: (Circle One) Sampler - UPS - Bus - Other: |
|---------------------------------------|--|--|--|---|--|
| ult: Ves I No Add'I Phone #: | Phone Result: Fax Result: REMARKS: | Hena | A Received By: | Time 3. 10 Am | Relinquished By: |
| | paid by the cash of the a after completion of the a by client, its subsidiaries reasons or otherwise. | una, shar be inner to ore anisotrin per eceived by Cardinal within 30 days at so of user, or loss of profits accurred by based upon any of the above stated r | is scholared issued you and you and any minimus based in scholard, you shou be envirous those any output percenting of the a care whiteserver shall be deemed wared univers make my mining and conside by Carobal within 30 days after completion of the a ential duringes, including without limitation, business interruptions, loss of use, or loss of polits incoursed by client, its subjectiaries services hereunder by Carobala repardiess of whether such claim is based upon any of the above stated reasons or otherwise. | er cav Isequi | analyse. All claims including those for negligence and any and service. In no event shall Cardinal be liable for modernal or cor afficiates or successors arsing out of or reliated to the performan |
| | | | | manan Palabadh Sabilla sa Aultanlin analanin manadad | SB WOTE LINE WALL |
| | | | | | AP |
| 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 3:14PM | 5/24/24 | - | SP 6@5' | - |
| · · · · | 2:52PM | 5/24/24 | | SP 6@4' | - |
| y y y | 2:31PM | 5/24/24 | | SP 6@3' | - |
| | 2:08PM | 5/24/24 | | SP 6@2' | - |
| • • • | 1:38PM | 5/24/24 | | SP 6@1' | _ |
| < < < < | 1:15PM | 5/24/24 | | SP 6@SURFACE | - |
| | 12:46PM | 5/24/24 | | SP 5@3' | - |
| | 12:02PM | | - | SP 5@2' | _ |
| CBP | TIME | OTHER : ACID/BAS ICE / COC OTHER : DATE | (G)RAB O # CONTAI GROUND WASTEW SOIL OIL SLUDGE | Compre no. | Hausous |
| | | | INERS WATER | Sample D | LahID |
| | | PRESERV. SAMPLING | | | FOR LAB USE ONLY |
| T | | Fax #: | _ | SIMON RENDAN | Sampler Name: |
| | | Phone #: | + interior | New Mexico | Project Location: |
| | | State: Zip: | - | CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24) | Project Name: CEI |
| | | City: | | Project Owner: Oxy | Project #: |
| | | Address: | 575-397-0397 | Fax #: | Phone #: 575-397-6388 |
| | | Attn: | Zip: 88241 | State: NM | city: Hobbs |
| | | Company: Oxy | | ox 805 | Address: P.O. Box 805 |
| | | P.O. #: | | Cliff Brunson | Project Manager: Cliff Brunson |

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

Company Name: BBC International, Inc.

BILL TO

ANALYSIS REQUEST

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

Released to Imaging: 2/10/2025 8:13:51 AM

| Company Name: | BBC International Inc. | | BILL TO | | ANAI VSIS DEDITEST |
|--|---|--------------------|------------------------------|---|--------------------------------------|
| Project Manager: | | P | P.O. #: | | |
| Address: P.O. | 0 | 0 | Company: Oxy | | |
| city: Hobbs | State: NM | Zip: 88241 Attn: | | | |
| Phone #: 575-397-6388 | Fax #: | 575-397-0397 Ad | Address: | | |
| Project #: | Project Owner: Oxy | r: Oxy City: | y: | | |
| Project Name: (| CEDAR CANYON WTF (7/15/22,7/22/2) | 22,2/25/23,3/6/24) | ate: Zip: | | |
| Project Location: | 1: New Mexico | ¥ infrulz 3 Ph | e # | e | |
| Sampler Name: | SIMON RENDAN | | Fax #: | d | |
| FOR LAB USE ONLY | | P. MATRIX | PRESERV. SAMPLING | K | |
| Lab I.D. | Sample I.D. | | D/BASE: : / COOL HER : | Chlon BTE PHE | |
| Chock the t | SP 7@SURFACE | | 5/28/24 | 9:20AM | |
| 5 | SP 7@1' | | - | < | |
| E | SP 7@2' | | 5/28/24 9 | 9:58AM v v v | |
| | SP 8@SURFACE | | 5/28/24 1 | 10.47AM | |
| _ | SP 8@1' | | | - | |
| | SP 8@2' | | 5/28/24 1 | ٢ | |
| | SP 8@3' | | 5/28/24 1 | 12:03PM / / / | |
| | SP 9@SURFACE | | 5/28/24 1 | | |
| LEASE NOTE: Liability and nalyses. All claims including | and Damages. Cardinal's sability and client's exclusive temedy for any claim ang those for negligence and any other cause whatsoever shall be deemed | want a | after | by the client for the completion of the applicable | |
| Relinquished By | and of or related to the performance of services hereon | Received By | them of the above stated was | Phone Result: Yes No Fax Result: Yes No REMARKS: Yes No | Vo Add'I Phone #: Vo Add'I Fax #: |
| Relinquished By: Jonal Hen | ea | ADQUO | | * Customer. | hanges to - 4/26/24 |
| Sampler - UPS - | Bus - Other: #100 | Cool Intact | R (Initials) | | |

Page 101 of 105

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Page 102 of 105

| 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 #: 575-397-6388 | Fax #: | 575-397-0397 | Address: | | _ | | |
| Project #: | Project Owner: Oxy | | City: | | | | _ |
| Project Name: C | Project Name: CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24) | | State: Zip: | te | | | |
| Project Location: | New Mexico | - | Phone #: | io | - | | |
| Sampler Name: | SIMON RENDAN | coludat | Fax #: | r | , T | | |
| FOR LAB USE ONLY | | VATER | m | nlon | HE | | |
| HZUBUZ | | # CONT GROUN WASTE SOIL OIL SLUDG | ACID/B ICE / CO OTHER | TIME | T | | |
| _ | SP 9@2' | 4 | 7- | 1:21PM 🗸 | 11 | | |
| g | SP 9@3' | 4 | 5/28/24 | 1:36PM 🗸 | ~ ~ | | |
| | SP 10@SURFACE | | 5/28/24 | 1:54PM / | • • | | |
| 2 | SP 10@1' | | 5/28/24 | 2:12PM | • • | | |
| | SP 10@2' | | 5/28/24 | 2:29PM | • | | |
| | 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 | | | |
| | SP 11@2' | | 5/28/24 | 3:16PM / | ~ ~ | | |
| 5% PLEASE NOTE: Luability and | SP 11@3' Damages Cardinal's liability and client's exclusive remedy for | ar any claim ansing whether based in contract or fort | a tort, shall be limited to the amount paid | 3:30PM | ~ ~ | | |
| analyses. All claims including service in no event shall Cau | malyes. Al claims including those for magigence and any other cause whatsoever shall be deemed waved unless made is writing and received by Cardinal writin 30 days after competition of the application arriver in no event shall Cardinal be labele for incidental or consequential damages, including whood imitation, business interruptions, loss of use, or loss of gottis incounted by clienti, its subsidientes. | shall be deemed walved unless made in writing and r including without imitation, business interruptions, los | d received by Cardinal within 30 days after loss of use, or loss of profifs incurred by cl | thin 30 days after completion of the applicablists incurred by client, its subsidiaries. | See. | | |
| Relinquished By | 55 | Received By: | fleno | Phone Result: Fax Result: REMARKS: X | ustormes INO | □ No Add"Phone#: □ No Add"Fax#: | ate |
| 0 4ª | (Circle One) - Q. J | 200 San | on CHECKED BY: (Initials) | Chu | haufs. | 40. 4/20/24 | |
| a second | THE THE THE | | | | | | |

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| Project Owner: Oxy SIMON RENDAN SIMON RENDAN Sample I.D. SP 12@SURFACE SP 12@21' SP 12@21' SP 13@SURFACE SP 13@21' SP 13@2' SP 13' SP 13' | Relinquished By: Relinquished By: Relinquished By: Delivered By: (Circle One Sampler - UPS - Bus - Othe | LU LU PLEASE NOTE Liability as analyses All claims includin | 12666 | 500 | Lab I.D. | Sampler Name: | Project Location: | Project #: Project Name: | |
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| r any clam along whether based a contait to the served as a contain to the served as a contait to the served as a contain to the served as a conthe served as a contain to the served a | Circle One) (Circle One) (Circle One) Bus - Other: + 140 | and client's exclusive rea | SP 12@2' SP 12@3' SP 13@SURFACE SP 13@1' SP 13@2' | SP 12@SURFACE SP 12@1' | Sample I.D. | SIMON RENDAN | | Project Ow CEDAR CANYON WTF (7/15/22,7/22 | |
| | Ing vibroit instances antemptions, low relations regardless of wather user, claim is to Received By: Received By: Received By: Cool Instact Bytes No No No | a deams values of unless make in writing and | | | CONTAINERS | 1 1. | ¥ 10/04/23 | ner: Oxy 122,8125/22,2125/23,316/24) | 0 001 0001 |

Phone #: 575-397-6388 city: Hobbs Project Manager: Cliff Brunson Address: P.O. Box 805 Company Name: BBC International, Inc. Fax #: State: NM 575-397-0397 Zip: 88241 Attn: P.O. #: Address Company: BILL TO Oxy ATE 9/24 1/24 1/24 9/24 3/24 124 1/24 24 AMPLING 24 9:42AM 9:25AM 11:41AM 10:55AM 10:19AM REMARKS: Fax Result: 12:46PM 12:03PM 11:20AM 10:36AM 10:03AM Phone Result: TIME of the Customer requested Tate orie 0 ٩, 5 ٩, □ Yes < 5 ٢ 5 5 5 5 < I No 5 5 5 < < ٢ ٢, ۲ Add'l Phone #: Add'l Fax #: ANALYSIS REQUEST

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

Changes to - 1/26/24

Page 104 of 105

| | BBC International, Inc. | | BILL TO | | ANALYSIS REQUEST |
|--|--|--|---|---|-----------------------------------|
| Project Manager: Cliff Brunson | unson | | P.O. #: | | |
| Address: P.O. Box 805 | | | Company: Oxy | | |
| city: Hobbs | State: NM | Zip: 88241 | | | |
| Phone #: 575-397-6388 | Fax #: 575 | 0397 | 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) | NYON WTF (7/15/22,7/22/2 | - | State: Zip: | 2 | |
| Project Location: New Mexico | exico | * infultas | ŧ | 5 | |
| Sampler Name: SIMON | SIMON RENDAN | caludar | Fax #: | io T |] |
| FOR LAB USE ONLY | | MATRIX | PRESERV. SAMPLING | | <u>×</u> |
| I.D. | Sample I.D. | JDGE | HER : D/BASE: / COOL HER : | Chlon BTEX PHE | |
| HUNG SP 14@S | SP 14@SURFACE | | | | |
| 70 SP 14@1 | | -61 | 5/20/24 | 12.JOPINI V V V | |
| | | | 5/29/24 | | |
| 72 SP 14@3' | | | 5/29/24 | | |
| 73 SP 15@SURFACE | URFACE | | 5/29/24 | 1:53PM | |
| | - | | 5/29/24 | 2:05PM | |
| | | | 5/29/24 | 2:18PM / / / | |
| 10 SP 15@3 | | | 5/29/24 | • | |
| IT SP 16@SURFACE | URFACE | | 5/29/24 | 2:47PM / / / | |
| LEASE NOTE: Liability and Damages Cardinal's nalynes. All claims including those for negligence | lability and client's exclusive ren and any other cause whatsoever | nedy for any claim ansing whether based in contract or shall be deemed whered indices made in writing and in | 5/2 fart, shall be imited to the | 29/24 3:01PM / / / | |
| out o | or name for incoential or consequential damages, including of related to the performance of services hereunder by C | encluding without limitation, business interruptions, loss ider by Candinal, regardless of whether synch claim is b | a of use, or layery profits incurred by cli ased upon any of the above stated rear | ent, its subsidiaries, tors or otherwise | |
| Relinquished By: | Date: 5-3/-24 | Received By: | Aldra | Phone Result: Fax Result: REMARKS: | No Add'l Phone #: No Add'l Fax #: |
| Relinquished B: | Date 3- 24 | Received By: | | * Custo | mer requeste |
| Delivered By: (Circle One) | - Mar | Sample Condition | CHECKED BY: | Changes | 25 40. 6/26/24 |
| Sampler - UPS - Bus - Other: | her: | Ves Pres | (Initials) | | ; |

Released to Imaging: 2/10/2025 8:13:51 AM

| Company Name: | BBC International, Inc. | l, Inc. | BILL TO | ANAI YSIS RECITEST |
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| Project Manage | Project Manager: Cliff Brunson | | | |
| Address: P.O. Box 805 | Box 805 | | Company: Oxy | |
| city: Hobbs | | State: NM Zip: 88241 | | |
| Phone #: 575-397-6388 | 397-6388 | Ċ1 | Address: | |
| Project #: | | Project Owner: Oxy | City: | |
| Project Name: C | EDAR CANYON WTF (| CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24) | _ | |
| Project Location: | 1: New Mexico | X N | Phone #: | |
| Sampler Name: | SIMON RENDAN | Inda v. | Fax #: | |
| Lab I.D. | Sample I.D. | G)RAB OR (C)OMP. CONTAINERS GROUNDWATER WASTEWATER SOIL DIL | SLUDGE DTHER : CE / COOL DTHER : DTHER | Chloni BTEX TPHEX |
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| g | SP 16@3' | 7 | | |
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| Relinquished By: | (to d | Date: S-31-24 Time: W Ant Date: 21-711 Received By: | ALAMO Phone Result: Fax Result: REMARKS: | 15 1 Yes 1 No Add Phone #: USTOMEN Juguested Trate |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other | # Mh | Sample Cool Cool Inta | n CHECKED BY: (Initials) | Changes ito. 6/26/24 |



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

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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 14:: | 29 |
|--|--------------------|-----|-----------------------------|-------------------------|----------|------------|------------|-----------|-----------------------------|-------|
| | | | | @SURFA 259-01 (So | | | | | | |
| 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 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 | JH | 08-Jun-24 | 8021B | |
| Ethylbenzene* | < 0.050 | | 0.050 | mg/kg | 50 | 4060734 | JH | 08-Jun-24 | 8021B | |
| Total Xylenes* | < 0.150 | | 0.150 | mg/kg | 50 | 4060734 | JH | 08-Jun-24 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 4060734 | ЛН | 08-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (Pl | D) | | 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 | |

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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 14:2 | 29 |
|--|--------------------|-----|-----------------------------|-------------------------|----------|------------|------------|-----------|-----------------------------|-------|
| | | | | 2 33@1' 259-02 (So | si) | | | | | |
| | | | 11243. | 239-02 (30 |)11) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | tories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 480 | | 16.0 | mg/kg | 4 | 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 | 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 | ЈН | 08-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PI | 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 | |

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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 |
|--|--------------------|-----|-----------------------------|--------------------------|----------|------------|------------|-----------|----------------------------|-------|
| | | | | P 33@2' | | | | | | |
| | | | H243 | 259-03 (So | oil) | | | | | |
| 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 Compound | 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 | 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 (P | ID) | | 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 | |

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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 14:2 | 29 |
|--|-----------------|-----|-----------------------------|-------------------------|-------------|------------|------------|-----------|-----------------------------|-------|
| | | | | 2 33@3' 259-04 (So | 5 1) | | | | | |
| | | | П245. | 239-04 (30 |)11) | | | | | |
| 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 | 4061101 | HM | 11-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compounds | by EPA Method 8 | 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 | JH | 08-Jun-24 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 4060734 | ЛН | 08-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PII |)) | | 98.1 % | 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 | | | 106 % | 48.2 | -134 | 4060715 | ms | 07-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 119 % | 49.1 | -148 | 4060715 | ms | 07-Jun-24 | 8015B | |

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Celey D. Keene, Lab Director/Quality Manager



| BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | | - | ect Number: 7, ct Manager: C | | 22,8/25/22 | ,2/25/23,: | 2 | Reported: ?8-Jun-24 14:: | 29 |
|--|-------------------|-----------------|---------------------------------|----------|------------|------------|-----------|-----------------------------|-------|
| | | | SP 34@SUR | FACE | | | | | |
| | | | H243259-05 (| Soil) | | | | | |
| Analyte | Result | Repo MDL Lii | orting mit Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | (| Cardinal Labor | atories | | | | | |
| Inorganic Compounds | | | | | | | | | |
| Chloride | 4880 | 16 | 5.0 mg/kg | 4 | 4061101 | HM | 11-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compounds | by EPA Method 802 | l | | | | | | | |
| Benzene* | < 0.050 | 0.0 | 050 mg/kg | 50 | 4060734 | JH | 08-Jun-24 | 8021B | |
| Toluene* | < 0.050 | 0.0 |)50 mg/kg | 50 | 4060734 | JH | 08-Jun-24 | 8021B | |
| Ethylbenzene* | < 0.050 | 0.0 |)50 mg/kg | 50 | 4060734 | JH | 08-Jun-24 | 8021B | |
| Total Xylenes* | < 0.150 | 0.1 | 50 mg/kg | 50 | 4060734 | JH | 08-Jun-24 | 8021B | |
| Total BTEX | < 0.300 | 0.3 | 300 mg/kg | 50 | 4060734 | JH | 08-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PI | D) | | 97.9 % 7. | .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 | 0.0 mg/kg | 1 | 4060715 | ms | 07-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | 10 | 0.0 mg/kg | 1 | 4060715 | ms | 07-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 109 % 48 | 8.2-134 | 4060715 | ms | 07-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 120 % 49 | 0.1-148 | 4060715 | ms | 07-Jun-24 | 8015B | |

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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 | | | | | | Reported: 28-Jun-24 14:: | 29 |
|--|---------------------|---|-------------------------|----------|---------|---------|-----------|-----------------------------|-------|
| | | | SP 34@1' 3259-06 (Se | oil) | | | | | |
| | | | | ,, | | | | | |
| Analyte | Result | Reporting MDL Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | Cardir | al Laborat | tories | | | | | |
| Inorganic Compounds | | | | | | | | | |
| Chloride | 864 | 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 | ЛН | 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 (Ph | D) | 111 % | 71.5 | -134 | 4060735 | JH | 08-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | |
| GRO C6-C10* | <10.0 | 10.0 | mg/kg | 1 | 4060715 | ms | 07-Jun-24 | 8015B | |
| DRO >C10-C28* | 62.8 | 10.0 | mg/kg | 1 | 4060715 | ms | 07-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | mg/kg | 1 | 4060715 | ms | 07-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | 80.4 % | 48.2 | -134 | 4060715 | ms | 07-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | 96.6 % | 49.1 | -148 | 4060715 | ms | 07-Jun-24 | 8015B | |

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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' 3259-07 (Se | oil) | | | | | |
| | | 1124. | 239-07 (30 | 011) | | | | | |
| Analyte | Result M | Reporting MDL Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | Cardin | al 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 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 | ЛН | 08-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PL | (D) | 109 % | 71.5 | -134 | 4060735 | JH | 08-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | |
| GRO C6-C10* | <10.0 | 10.0 | mg/kg | 1 | 4060715 | ms | 07-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | 10.0 | mg/kg | 1 | 4060715 | ms | 07-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | mg/kg | 1 | 4060715 | ms | 07-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | 112 % | 48.2 | -134 | 4060715 | ms | 07-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | 126 % | 49.1 | -148 | 4060715 | ms | 07-Jun-24 | 8015B | |

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Celey D. Keene, Lab Director/Quality Manager



| 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,: | Reported: 28-Jun-24 14:29 | | | |
|--|-----------------|-----|-----------------------------|---------------------------|----------|------------|------------|------------------------------|-----------|-------|--|
| | | | | P 34@3' 259-08 (Se | sil) | | | | | | |
| | | | 11240 | 237 00 (5 | ,,,,, | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | | Cardina | al Laborat | ories | | | | | | |
| Inorganic Compounds | | | | | | | | | | | |
| Chloride | 400 | | 16.0 | mg/kg | 4 | 4061101 | HM | 11-Jun-24 | 4500-Cl-B | | |
| Volatile Organic 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 | JH | 08-Jun-24 | 8021B | | |
| Surrogate: 4-Bromofluorobenzene (PIL |)) | | 107 % | 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 | | | 105 % | 48.2 | -134 | 4060715 | ms | 08-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctadecane | | | 116 % | 49.1 | -148 | 4060715 | ms | 08-Jun-24 | 8015B | | |
| | | | | | | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



| 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,: | 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 | | |

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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 (So | sil) | | | | | | |
| | | | 112452 | 59-10 (50 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | | Cardina | l Laborat | ories | | | | | | |
| Inorganic Compounds | | | | | | | | | | | |
| Chloride | 944 | | 16.0 | mg/kg | 4 | 4061101 | HM | 11-Jun-24 | 4500-Cl-B | | |
| Volatile Organic Compounds | 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) | | 113 % | 71.5 | -134 | 4060735 | JH | 08-Jun-24 | 8021B | | |
| <u>Petroleum Hydrocarbons by</u> | GC FID | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4060715 | ms | 08-Jun-24 | 8015B | | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4060715 | ms | 08-Jun-24 | 8015B | | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060715 | ms | 08-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctane | | | 115 % | 48.2 | -134 | 4060715 | ms | 08-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctadecane | | | 129 % | 49.1 | -148 | 4060715 | ms | 08-Jun-24 | 8015B | | |

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Celey D. Keene, 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 14:29 | | | |
|--|-----------------|-----|-----------------------------|-------------------------|----------|-------------|------------|------------------------------|-----------|-------|--|
| | | | | 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 | ЛН | 08-Jun-24 | 8021B | | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 4060735 | ЈН | 08-Jun-24 | 8021B | | |
| Surrogate: 4-Bromofluorobenzene (PL | D) | | 109 % | 71.5 | -134 | 4060735 | JH | 08-Jun-24 | 8021B | | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4060715 | ms | 08-Jun-24 | 8015B | | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4060715 | ms | 08-Jun-24 | 8015B | | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060715 | ms | 08-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctane | | | 101 % | 48.2 | -134 | 4060715 | ms | 08-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctadecane | | | 113 % | 49.1 | -148 | 4060715 | ms | 08-Jun-24 | 8015B | | |

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| 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,: | Reported: 28-Jun-24 14:29 | | | |
|--|-----------------|-----|-----------------------------|---------------------------|----------|------------|------------|------------------------------|-----------|-------|--|
| | | | | P 1@8' 259-12 (So | sil) | | | | | | |
| | | | 11245 | 237-12 (50 | , m) | | | | | | |
| 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 | 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 (PL | D) | | 105 % | 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 | 10-Jun-24 | 8015B | | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4060715 | MS | 10-Jun-24 | 8015B | | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060715 | MS | 10-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctane | | | 117 % | 48.2 | -134 | 4060715 | MS | 10-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctadecane | | | 124 % | 49.1 | -148 | 4060715 | MS | 10-Jun-24 | 8015B | | |

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| 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 2@6' | .:.) | | | | | | |
| | | | П243. | 259-13 (So |)11) | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | | Cardina | l Laborat | tories | | | | | | |
| Inorganic Compounds | | | | | | | | | | | |
| Chloride | 832 | | 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 | 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 | 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) | | 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 | | |

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|--|--------------------|--|--------------------|------------|----------|---------|---------|-----------|-----------|-------|
| | | | S | P 2@7' | | | | | | |
| | | | H2432 | 259-14 (So | 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 | 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 | ЛН | 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 | ЈН | 08-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4060719 | MS | 07-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4060719 | MS | 07-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060719 | MS | 07-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 94.5 % | 48.2 | -134 | 4060719 | MS | 07-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 88.4 % | 49.1 | -148 | 4060719 | MS | 07-Jun-24 | 8015B | |

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|--|--|------|--------------------|----------------------|----------|---------|---------|-----------|------------------------------|-------|--|
| | | | | P 2@8' 259-15 (So | ,i) | | | | | | |
| | | | П245. | 239-13 (30 |)11) | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | | Cardina | l Laborat | ories | | | | | | |
| Inorganic Compounds | | | | | | | | | | | |
| Chloride | 48.0 | | 16.0 | mg/kg | 4 | 4061038 | AC | 10-Jun-24 | 4500-Cl-B | | |
| Volatile Organic Compounds | s by EPA Method 8 | 8021 | | | | | | | | | |
| 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 (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 | 07-Jun-24 | 8015B | | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4060719 | MS | 07-Jun-24 | 8015B | | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060719 | MS | 07-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctane | | | 112 % | 48.2 | -134 | 4060719 | MS | 07-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctadecane | | | 110 % | 49.1 | -148 | 4060719 | MS | 07-Jun-24 | 8015B | | |

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| 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: ?8-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 | |

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|--|--|-----|--------------------|------------|----------|---------|---------|-----------|-----------------------------|-------|
| | | | S | P 3@7' | | | | | | |
| | | | H2432 | 259-17 (Se | 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 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 | ЛН | 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 | | | 109 % | 48.2 | -134 | 4060719 | MS | 08-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 106 % | 49.1 | -148 | 4060719 | MS | 08-Jun-24 | 8015B | |

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|--|--|-----|--------------------|------------|----------|---------|---------|-----------|----------------------------|-------|
| | | | | P 3@8' | .1) | | | | | |
| | | | 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 | |

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| BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | , | | | | | | | | Reported: 28-Jun-24 14:2 | 29 |
|--|-----------------|-----|--------------------|------------|---------------|-----------|---------|-----------|-----------------------------|-------|
| | | | | P 4@6' | | | | | | |
| | | | H2432 | 259-19 (So | 01 1) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | 10.11.000 | | | | |
| Chloride | 896 | | 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 | ЈН | 08-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PIL |)) | | 109 % | 71.5 | -134 | 4060735 | JH | 08-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4060719 | MS | 08-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4060719 | MS | 08-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060719 | MS | 08-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 127 % | 48.2 | -134 | 4060719 | MS | 08-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 126 % | 49.1 | -148 | 4060719 | MS | 08-Jun-24 | 8015B | |

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| BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | | | | | | | | | Reported: 28-Jun-24 14:2 | 29 |
|--|-----------------|------|--------------------|------------|----------|---------|---------|-----------|-----------------------------|-------|
| | | | | P 4@7' | •1\ | | | | | |
| | | | H243 | 259-20 (Se |)11) | | | | | |
| 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 | 4061038 | AC | 10-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 | ЛН | 08-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PIL |)) | | 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 | | | | | | | | 29 |
|--|-----------------|--|--------------------|------------|----------|---------|---------|-----------|-----------|-------|
| | | | | P 4@8' | | | | | | |
| | | | H2432 | 259-21 (Se | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 48.0 | | 16.0 | mg/kg | 4 | 4061038 | AC | 10-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compounds | by EPA Method 8 | 8021 | | | | | | | | |
| 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 (PIL |)) | | 108 % | 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 | | | 89.5 % | 48.2 | -134 | 4060719 | MS | 08-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 91.9 % | 49.1 | -148 | 4060719 | MS | 08-Jun-24 | 8015B | |

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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 416 16.0 mg/kg | 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

| Archer | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Net |
|---------------------------------------|--------|--------------------|-------|----------------|------------------|------------|----------------|--------|--------------|-------|
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |
| Batch 4060734 - Volatiles | | | | | | | | | | |
| Blank (4060734-BLK1) | | | | Prepared: 0 | 7-Jun-24 A | nalyzed: 0 | 8-Jun-24 | | | |
| Benzene | ND | 0.050 | mg/kg | | | | | | | |
| Toluene | ND | 0.050 | mg/kg | | | | | | | |
| Ethylbenzene | ND | 0.050 | mg/kg | | | | | | | |
| Total Xylenes | ND | 0.150 | mg/kg | | | | | | | |
| Total BTEX | ND | 0.300 | mg/kg | | | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | ND | | mg/kg | 0.0500 | | 97.7 | 71.5-134 | | | |
| LCS (4060734-BS1) | | | | Prepared: 0 | 7-Jun-24 A | nalyzed: 0 | 8-Jun-24 | | | |
| Benzene | 1.87 | 0.050 | mg/kg | 2.00 | | 93.3 | 82.8-130 | | | |
| Toluene | 1.90 | 0.050 | mg/kg | 2.00 | | 95.2 | 86-128 | | | |
| Ethylbenzene | 1.82 | 0.050 | mg/kg | 2.00 | | 91.0 | 85.9-128 | | | |
| m,p-Xylene | 3.65 | 0.100 | mg/kg | 4.00 | | 91.3 | 89-129 | | | |
| o-Xylene | 2.03 | 0.050 | mg/kg | 2.00 | | 102 | 86.1-125 | | | |
| Total Xylenes | 5.68 | 0.150 | mg/kg | 6.00 | | 94.7 | 88.2-128 | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0488 | | mg/kg | 0.0500 | | 97.5 | 71.5-134 | | | |
| LCS Dup (4060734-BSD1) | | | | Prepared: 0 | 97-Jun-24 A | nalyzed: 0 | 8-Jun-24 | | | |
| Benzene | 1.93 | 0.050 | mg/kg | 2.00 | | 96.6 | 82.8-130 | 3.47 | 15.8 | |
| Toluene | 1.94 | 0.050 | mg/kg | 2.00 | | 97.2 | 86-128 | 2.08 | 15.9 | |
| Ethylbenzene | 1.83 | 0.050 | mg/kg | 2.00 | | 91.3 | 85.9-128 | 0.391 | 16 | |
| m,p-Xylene | 3.66 | 0.100 | mg/kg | 4.00 | | 91.6 | 89-129 | 0.236 | 16.2 | |
| o-Xylene | 2.03 | 0.050 | mg/kg | 2.00 | | 101 | 86.1-125 | 0.256 | 16.7 | |
| Total Xylenes | 5.69 | 0.150 | mg/kg | 6.00 | | 94.8 | 88.2-128 | 0.0607 | 16.3 | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0488 | | mg/kg | 0.0500 | | 97.6 | 71.5-134 | | | |

Batch 4060735 - Volatiles

| Blank (4060735-BLK1) | | | Prepared: 07-Jun-24 Analyzed: 08-Jun-24 |
|----------------------|----|-------|---|
| Benzene | ND | 0.050 | mg/kg |
| Toluene | ND | 0.050 | mg/kg |
| Ethylbenzene | ND | 0.050 | mg/kg |
| Total Xylenes | ND | 0.150 | mg/kg |
| | | | |

Cardinal Laboratories

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Celey 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 |
|--|---|--|------------------------------|
|--|---|--|------------------------------|

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

| | | Carun | | oracories | | | | | | |
|---------------------------------------|--------|--------------------|-------|----------------|------------------|-------------|----------------|------|--------------|--------|
| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
| Batch 4060735 - Volatiles | Result | Linit | Onto | Lever | result | Juneo | Lillits | Id D | Linit | 110105 |
| Blank (4060735-BLK1) | | | | Prepared: (|)7-Jun-24 A | analyzed: 0 | 8-Jun-24 | | | |
| Total BTEX | ND | 0.300 | mg/kg | * | | • | | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0576 | | mg/kg | 0.0500 | | 115 | 71.5-134 | | | |
| LCS (4060735-BS1) | | | | Prepared: (|)7-Jun-24 A | nalyzed: 0 | 8-Jun-24 | | | |
| Benzene | 1.82 | 0.050 | mg/kg | 2.00 | | 91.1 | 82.8-130 | | | |
| Toluene | 1.84 | 0.050 | mg/kg | 2.00 | | 91.9 | 86-128 | | | |
| Ethylbenzene | 1.91 | 0.050 | mg/kg | 2.00 | | 95.4 | 85.9-128 | | | |
| m,p-Xylene | 3.80 | 0.100 | mg/kg | 4.00 | | 95.1 | 89-129 | | | |
| o-Xylene | 1.92 | 0.050 | mg/kg | 2.00 | | 96.2 | 86.1-125 | | | |
| Total Xylenes | 5.73 | 0.150 | mg/kg | 6.00 | | 95.5 | 88.2-128 | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0518 | | mg/kg | 0.0500 | | 104 | 71.5-134 | | | |
| LCS Dup (4060735-BSD1) | | | | Prepared: (|)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 | | | |

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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 REQUEST

Released to Imaging: 2/10/2025 8:13:51 AM

| Company Name: | * BBC International, Inc. | | BILL TO | 5 | | | ANALYSIS REQUEST |
|---|--|---|--|---|-------------|---------|-----------------------|
| Project Manage | Project Manager: Cliff Brunson | | P.O. #: | | - | | - 1 |
| Address: P.O. Box 805 | Box 805 | | Company: Oxy | | | | |
| city: Hobbs | Stat | State: NM Zip: 88241 | | | | | |
| Phone #: 575-397-6388 | П | : 575-397-0397 | Address: | | | _ | |
| Project #: | Proje | Project Owner: OXY | City: | | _ | _ | |
| Project Name: (| CEDAR CANYON WTF (7/15/2 | 22,2/25/23,3/6/24) | State: Zip: | | | Ø | |
| Project Location: | 1: New Mexico | | | | 1. | 2.6 | |
| Sampler Name: | SIMON RENDAN | 5 | Fax #: | | - | ent | |
| FOR LABUSE ONLY | | ERS ATER | PRESERV. SAMPLING | | x ekt | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (# CONTAINE GROUNDWA WASTEWATE SOIL OIL SLUDGE | OTHER : ACID/BASE: CE / COOL DTHER : DATE | TIME | BTEX TPH | Chlo | |
| - | SP 33@Surface | - | 1 | 10:50AM | < < | < | |
| 1 | SP 33@1' | | 6/5/24 | 11:12AM | < | < | |
| w | SP 33@2' | | 6/5/24 | 11:25AM | | • | |
| e | SP 33@3' | | 6/5/24 | 11:40AM | • | < | |
| v | SP 34@Surface | | 6/5/24 | 11:52AM | • | • | |
| 6 | SP 34@1' | | 6/5/24 | 12:06PM | < | < | |
| | SP 34@2' | | 6/5/24 | 12:47PM | < < | • | |
| 8 | SP 34@3' | | 6/5/24 | 1:03PM | ~ ~ | < | |
| ā | SP 34@4' | | 6/5/24 | 1:14PM | • | < | |
| daims | SP 1@6' | hethe | or tort, shall be limited to the amount p | 1:30PM paid by the client for the | ~ | | |
| service in no event shall Care athlates or successors arising Relifiquished By: | unce in no event shall Cardinal be lable for incidental of consequential dam alies or successors arising out of operated to the performance of services in phfrquished By: Date: | Both | ness interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, nether such calim its based uppervini of the above stated reasons or otherwise I I I I I I I I I I I I I I I I I I I | ve staled reasons or otherwise Phone Result: | t: 🗆 Yes | es 🗆 No | Add'l Phone #: |
| XAMO | Kin Timez | Time B. O. M. Wall | Hend | REMARKS: | LI Tes | | |
| Reinfulished By: 1 | uttener | A Received | | * project | rect | nor. | nound connection. per |
| Sampler - UPS - Bus - Other: | Bus - Other: | Cool Intact | (Initials) | | | | |

Page 30 of 32

Received by OCD: 2/7/2025 6:10:00 PM

| Company Name: Project Manager: | | al, Inc. | | BILL | 1 10 | | | | ANALYSIS | REQUEST | T |
|---|--|--|--|--|-----------------------------|--|---------------|---------|--------------------------------|----------------|-------------------|
| Address: P () | Box 805 | | | | | | - | | | | |
| city: Hobbs | | State: NM | Zip: 88241 | Attn: | - International Contraction | | | _ | | | |
| Phone #: 575-397-6388 | 97-6388 | Fax #: 575- | 575-397-0397 | Address: | | | _ | | _ | | |
| Project #: | | Project Owner: Oxy | Oxy | City: | | | - | | | | |
| Project Name: C | CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24) | (7/15/22,7/22/22 | 8/25/22,2/25/23,3/6/2 | State: | Zip: | | _ | a | | | _ |
| Project Location: | : New Mexico | | 10(4)33 | Phone #: | | | d | de | | _ | |
| Sampler Name: | SIMON RENDAN | N | *Set | THE ARE IN | | | | 41 | | _ | |
| FOR LAB USE DNLY | | | MATRIX | | SAMPLING | | at | | _ | | |
| 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 0 | Chlorid | | | |
| | SP 1@7' | ~ | - | 7 | | 1:42PM | < < | < | | | _ |
| 17 | SP 1@8' | | - | - | 6/5/24 1:5 | 1:56PM | < | < | | | |
| | SP 2@6' | | | | 6/5/24 2:0 | 2:05PM | • | • | | | |
| Ju : | SP 2@7' | | | | | 2:14PM | < . | • | | | |
| | SP 2@8' | | | | 6/5/24 2:2 | 2:29PM | ۲ ۲ | < - | | | |
| | SP 3@6' | | | | 6/5/24 2:3 | 2:37PM | • | • | | | |
| | SP 3@7' | | | | 6/5/24 2:4 | 2:45PM | < . | < | | | |
| 61 | SP 3@8' | | | | 6/5/24 2:5 | 2:53PM | • | < | | | |
| 19 | SP 4@6' | | | | 6/5/24 3:0 | 3:05PM | • | • | | | |
| L | SP 4@7' | | TTT | 4 | 6/5/24 3.1 | 3:14PM | • | • | | | |
| PLEASE NOTE: Liability and analyses All daims including service in no event shall Can | and Damages. Cardinal's liability and clies ding those for negligence and any other ca Cardinal be liable for implental or consequences of the con | if's exclusive temedy for any ause whatsoever shall be dei uental damages, including w | sousive temedy for any claim arising whether based in contract or fort, shall be limited whatsoever shall be deemed waved unless made in writing and received by Cardinal al damages, including without limitation, business interruptions, loss of use, or yes of t | tract or tort, shall be limited to th and received by Cardinal within ins, loss of use, or joss of profils | e amou 30 da | int paid by the client for the ys after completion of the a of by client, its subsidiaries | ppicable | | | | |
| Relinduished By: | nown of a | Date: 6-624 Time 2. MAN | Received By: | thomas | Fa RE | Phone Result: Fax Result: REMARKS: | lt: 🗆 Yes | No No | Add'l Phone #: Add'l Fax #: | | 5 |
| | natter | Date Coz4 | Received By: | 0 | 2* | project | | | COLLA | deignerton per | 8 connection. per |
| Sampler - UPS - | Bus - Other: | 140 | Cool Intact | res (Initials) | Is) | | | | | 0 | |
| | | | No | | | | | | | | |

Page 161 of 345

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: C.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 #: REQUEST handydde

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 | ЈН | 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: CE t Number: 7/1 t Manager: Clif Fax To: (57 | .5/22,7/22/2 f Brunson | 22,8/25/22 | ,2/25/23,: | 2 | Reported: 28-Jun-24 15:3 | 38 |
|--|---------------------|--|--|---------------------------|------------|------------|-----------|-----------------------------|-------|
| | | | SP 16 @ 5 | | | | | | |
| Analyte | Result | Report MDL Lim | ing | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | С | ardinal Labora | 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 | ЛН | 08-Jun-24 | 8021B | |
| Toluene* | < 0.050 | 0.05 | 0 mg/kg | 50 | 4060735 | ЈН | 08-Jun-24 | 8021B | |
| Ethylbenzene* | < 0.050 | 0.05 | 0 mg/kg | 50 | 4060735 | ЈН | 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 (P. | ID) | L. L | 10 % 71 | 5-134 | 4060735 | ЛН | 08-Jun-24 | 8021B | |
| <u>Petroleum Hydrocarbons by</u> | 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 | | 1 | 48 | 2-134 | 4060719 | MS | 08-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | 1 | <i>49.</i> | 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 | |

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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 |
|--|--------------------|-----|-----------------------------|-------------------------|----------|------------|------------|-----------|----------------------------|-------|
| | | | | 17 @ 1 260-04 (So | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 4400 | | 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 | JH | 08-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (Pl | ID) | | 120 % | 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 | | | 113 % | 48.2 | -134 | 4060719 | MS | 08-Jun-24 | 8015B | _ |
| Surrogate: 1-Chlorooctadecane | | | 114 % | 49.1 | -148 | 4060719 | MS | 08-Jun-24 | 8015B | |

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Celey D. Keene, Lab Director/Quality Manager



| 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 | | | | | | | | 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 | |

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Celey D. Keene, Lab Director/Quality Manager



| BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | | | | | | | | Reported: 28-Jun-24 15: | 38 | |
|--|-------------------|-----|--------------------|-----------------------|----------|---------|---------|----------------------------|-----------|-------|
| | | | | 17 @ 3' 260-06 (So | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | ıl Laborat | ories | | | | | |
| <u>Inorganic Compounds</u> Chloride | 464 | | 16.0 | mg/kg | 4 | 4061038 | AC | 10-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compounds | s by EPA Method 8 | 021 | | | | | | | | |
| 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) | | 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 | |

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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 19Project 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 | 4500-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 | |

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Celey D. Keene, Lab Director/Quality Manager



| BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | | | | | | | | Reported: 28-Jun-24 15: | 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 | |

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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 18Project Manager:Cliff BrunsonFax To:(575) 397-0397 | | | | | | | | Reported: 28-Jun-24 15: | 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 | |

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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 | | | | | | | | 38 |
|--|--|---------------|----------------------------|----------|---------|---------|-----------|-----------|-------|
| | | | SP 18 @ 2' 43260-10 (So | | | | | | |
| Analyte | Result | MDL Reporting | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | Cardi | inal Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | |
| Chloride | 368 | 16.0 | mg/kg | 4 | 4061038 | AC | 10-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compounds | by EPA Method 8021 | l | | | | | | | |
| Benzene* | < 0.050 | 0.050 | mg/kg | 50 | 4060736 | JH | 10-Jun-24 | 8021B | |
| Toluene* | < 0.050 | 0.050 | mg/kg | 50 | 4060736 | JH | 10-Jun-24 | 8021B | |
| Ethylbenzene* | < 0.050 | 0.050 | mg/kg | 50 | 4060736 | JH | 10-Jun-24 | 8021B | |
| Total Xylenes* | < 0.150 | 0.150 | mg/kg | 50 | 4060736 | JH | 10-Jun-24 | 8021B | |
| Total BTEX | < 0.300 | 0.300 | mg/kg | 50 | 4060736 | JH | 10-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PI | D) | 114 9 | % 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 9 | % 48.2· | -134 | 4060719 | MS | 08-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | 105 9 | % 49.1- | -148 | 4060719 | MS | 08-Jun-24 | 8015B | |

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Celey D. Keene, Lab Director/Quality Manager



| BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | , , , , , , , , , , | | | | | | | | Reported: 28-Jun-24 15:3 | 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 | |

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| BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | | | | | | | | Reported: 28-Jun-24 15:3 | 38 | |
|--|---------------------|-----|-----------|----------------------|----------|---------|---------|-----------------------------|-----------|-------|
| | | | | 18 @ 4 260-12 (So | | | | | | |
| | | | Reporting | | | | | | | |
| Analyte | Result | MDL | 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 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 | ЈН | 10-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (P. | ID) | | 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 | |

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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 | |
|--|---|-----|--------------------|----------------------|----------|---------|---------|-----------|-----------|-------|
| | | | |) SURF 260-13 (Se | | | | | | |
| | | | | | ,) | | | | | |
| 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 | JH | 10-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (Pl | D) | | 114 % | 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* | 43.4 | | 10.0 | mg/kg | 1 | 4060720 | MS | 10-Jun-24 | 8015B | QM-07 |
| EXT DRO >C28-C36 | 18.0 | | 10.0 | mg/kg | 1 | 4060720 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 106 % | 48.2 | -134 | 4060720 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 110 % | 49.1 | -148 | 4060720 | MS | 10-Jun-24 | 8015B | |

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Celey D. 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 | | | | | | | | | | |
|--|--|------------------------|------------------------|----------|---------|---------|-----------|-----------|-------|--|--|
| | | | 2 19 @ 1 260-14 (So | | | | | | | | |
| Analyte | Result | Reporting MDL Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | | |
| | | Cardin | al Laborat | tories | | | | | | | |
| Inorganic Compounds | | | | | | | | | | | |
| Chloride | 896 | 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 | 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) | 108 % | 71.5 | -134 | 4060736 | JH | 10-Jun-24 | 8021B | | | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | | |
| GRO C6-C10* | <10.0 | 10.0 | mg/kg | 1 | 4060720 | MS | 10-Jun-24 | 8015B | | | |
| DRO >C10-C28* | <10.0 | 10.0 | mg/kg | 1 | 4060720 | MS | 10-Jun-24 | 8015B | | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | mg/kg | 1 | 4060720 | MS | 10-Jun-24 | 8015B | | | |
| Surrogate: 1-Chlorooctane | | 128 % | 48.2 | -134 | 4060720 | MS | 10-Jun-24 | 8015B | | | |
| Surrogate: 1-Chlorooctadecane | | 132 % | 49.1 | -148 | 4060720 | MS | 10-Jun-24 | 8015B | | | |

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|--|---|-----|--------------------|----------------------|----------|---------|---------|-----------|-----------|-------|
| | | | | 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 | |

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|--|--|------------------------|-------------------------|----------|---------|---------|-----------|-----------|-------|--|--|
| | | | 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 | | | |

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|--|--|------|--------------------|-----------------------|----------|---------|---------|-----------|-----------|-------|
| | | | | 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 Compounds | by EPA Method 8 | 8021 | | | | | | | | |
| 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 | JH | 10-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PI | D) | | 106 % | 71.5 | -134 | 4060736 | ЈН | 10-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4060720 | MS | 10-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4060720 | MS | 10-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060720 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 108 % | 48.2 | -134 | 4060720 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 117 % | 49.1 | -148 | 4060720 | MS | 10-Jun-24 | 8015B | |

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|--|--|-----|--------------------|-----------------------|----------|---------|---------|-----------|-----------|-------|--|
| | | | | ā) SURF 260-18 (So | | | | | | | |
| | | | 11245 | 200-10 (50 | ,m) | | | | | | |
| 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 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 | 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) | | 111 % | 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 | | | 122 % | 48.2 | -134 | 4060720 | MS | 10-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctadecane | | | 123 % | 49.1 | -148 | 4060720 | MS | 10-Jun-24 | 8015B | | |

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|--|---|------------------------|-----------------------|----------|-----------|---------|-----------|-----------|-------|--|--|
| | | | 20 @ 1 3260-19 (So | | | | | | | | |
| Analyte | Result | Reporting MDL Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | | |
| | | Cardin | al Laborat | tories | | | | | | | |
| Inorganic Compounds | | | - | | 10.01.000 | | | | | | |
| Chloride | 1380 | 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 | 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 | 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 | | 119 % | 48.2 | -134 | 4060720 | MS | 10-Jun-24 | 8015B | | | |
| Surrogate: 1-Chlorooctadecane | | 122 % | 49.1 | -148 | 4060720 | MS | 10-Jun-24 | 8015B | | | |

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|--|--|------------------------|----------------------------|----------|---------|---------|-----------|-----------|-------|--|
| | | | SP 20 @ 2 243260-20 (Se | | | | | | | |
| Analyte | Result | Reporting MDL Limit | | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | Caro | dinal Laborat | ories | | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 928 | 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 | ЛН | 10-Jun-24 | 8021B | | |
| Ethylbenzene* | < 0.050 | 0.050 | mg/kg | 50 | 4060736 | ЈН | 10-Jun-24 | 8021B | | |
| Total Xylenes* | < 0.150 | 0.150 | mg/kg | 50 | 4060736 | ЈН | 10-Jun-24 | 8021B | | |
| Total BTEX | < 0.300 | 0.300 | mg/kg | 50 | 4060736 | ЛН | 10-Jun-24 | 8021B | | |
| Surrogate: 4-Bromofluorobenzene (Pl | D) | 105 | % 71.5 | -134 | 4060736 | JH | 10-Jun-24 | 8021B | | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | 10.0 | mg/kg | 1 | 4060720 | MS | 10-Jun-24 | 8015B | | |
| DRO >C10-C28* | <10.0 | 10.0 | mg/kg | 1 | 4060720 | MS | 10-Jun-24 | 8015B | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | mg/kg | 1 | 4060720 | MS | 10-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctane | | 127 | 48.2 | -134 | 4060720 | MS | 10-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctadecane | | 135 | % 49.1 | -148 | 4060720 | MS | 10-Jun-24 | 8015B | | |

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|--|--|-----|--------------------|----------------------|----------|---------|---------|-----------|-----------|-------|
| | | | | 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 | |

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|--|--|-----|--------------------|----------------------|----------|---------|---------|-----------|-----------|-------|
| | | | | 20 @ 4 260-22 (So | | | | | | |
| 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 | 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 | 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 | ЈН | 10-Jun-24 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 4060736 | ЛН | 10-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (P. | D) | | 104 % | 71.5 | -134 | 4060736 | ЈН | 10-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4060720 | MS | 10-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4060720 | MS | 10-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060720 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 105 % | 48.2 | -134 | 4060720 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 108 % | 49.1 | -148 | 4060720 | MS | 10-Jun-24 | 8015B | |

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Celey D. Keene, Lab Director/Quality Manager



| 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 260-23 (So | | | | | | | |
| | | | | | ,) | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | | Cardina | l Laborat | ories | | | | | | |
| Inorganic Compounds | | | | | | | | | | | |
| Chloride | 8400 | | 16.0 | mg/kg | 4 | 4061022 | HM | 10-Jun-24 | 4500-Cl-B | | |
| Volatile Organic Compounds | 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 (PI | 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 | | |

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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 @ 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 | |

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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 @ 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 | | |

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| BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | | | Project Num roject Mana | ber: 7/1 ger: Cliff | | 22,8/25/22 | ,2/25/23,: | 2 | Reported: 28-Jun-24 15: | 38 |
|--|---------------------|-----|----------------------------|------------------------|----------|------------|------------|--------------------|----------------------------|-------|
| | | | | 21 @ 3' 260-26 (So | | | | | | |
| | | | | | ,) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | ıl Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 624 | | 16.0 | mg/kg | 4 | 4061022 | HM | 10-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compound | s 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 | 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 | ID) | | 109 % | 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 | 11-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4060720 | MS | 11-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060720 | MS | 11-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 86.6 % | 48.2 | -134 | 4060720 | MS | 11 - Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 86.1 % | 49.1 | -148 | 4060720 | MS | 11-Jun-24 | 8015B | |

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Celey D. Keene, Lab Director/Quality Manager



| 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 15:3Project 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 | ~ ~ ~ | | 16.0 | | | 40(1022 | ID (| 10 1 24 | 4500 CL D | |
| Chloride | 672 | | 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 | 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 (PI | D) | | 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 | |

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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 | | |
|--|--|-----|--------------------|----------------------|----------|---------|---------|-----------|------------------------------|-------|--|
| | | | | @_SURF 260-28 (So | | | | | | | |
| | | | П243 | 200-28 (50 |)11) | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | | Cardina | al Laborat | tories | | | | | | |
| Inorganic Compounds | | | | | | | | | | | |
| Chloride | 320 | | 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 | 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 (PII | D) | | 108 % | 71.5 | -134 | 4060737 | ЈН | 10-Jun-24 | 8021B | | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4060720 | MS | 10-Jun-24 | 8015B | | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4060720 | MS | 10-Jun-24 | 8015B | | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060720 | MS | 10-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctane | | | 108 % | 48.2 | -134 | 4060720 | MS | 10-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctadecane | | | 119 % | 49.1 | -148 | 4060720 | MS | 10-Jun-24 | 8015B | | |

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Celey D. Keene, Lab Director/Quality Manager



| 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 15:38 | | |
|--|-------------------|-----|-----------------------------|--------------------------|----------|------------|------------|-----------|------------------------------|-------|--|
| | | | | 22 @ 1 260-29 (So | | | | | | | |
| | | | | | ,,,,, | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | | Cardina | ıl Laborat | ories | | | | | | |
| Inorganic Compounds | | | | | | | | | | | |
| Chloride | 3040 | | 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 | 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 | 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 | 4060720 | MS | 10-Jun-24 | 8015B | | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4060720 | MS | 10-Jun-24 | 8015B | | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060720 | MS | 10-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctane | | | 107 % | 48.2 | -134 | 4060720 | MS | 10-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctadecane | | | 110 % | 49.1 | -148 | 4060720 | MS | 10-Jun-24 | 8015B | | |

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Celey D. Keene, Lab Director/Quality Manager



| 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 | | | | | | | | |
|--|---------------------|---|--------------------|----------------------|----------|---------|---------|-----------|-----------|-------|
| | | | | 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 | s by EPA Method 802 | 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 | 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 | | | 112 % | 48.2 | -134 | 4060720 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 118 % | 49.1 | -148 | 4060720 | MS | 10-Jun-24 | 8015B | |

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Celey D. Keene, Lab Director/Quality Manager



| 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: 8-Jun-24 15: | 38 |
|--|--------------------|-----|-----------------------------|---------------------------|----------|------------|------------|-----------|---------------------------|-------|
| | | | | 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 | |

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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 |
|--|-------------------|-----|-----------------------------|-------------------------|----------|------------|------------|-----------|-----------------------------|-------|
| | | | | 22 @ 4' 260-32 (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 | 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 | 4060737 | JH | 10-Jun-24 | 8021B | |
| Toluene* | < 0.050 | | 0.050 | mg/kg | 50 | 4060737 | JH | 10-Jun-24 | 8021B | |
| Ethylbenzene* | < 0.050 | | 0.050 | mg/kg | 50 | 4060737 | JH | 10-Jun-24 | 8021B | |
| Total Xylenes* | < 0.150 | | 0.150 | mg/kg | 50 | 4060737 | JH | 10-Jun-24 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 4060737 | JH | 10-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (P. | ID) | | 104 % | 71.5 | -134 | 4060737 | JH | 10-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4061001 | MS | 10-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4061001 | MS | 10-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4061001 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 123 % | 48.2 | -134 | 4061001 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 127 % | 49.1 | -148 | 4061001 | MS | 10-Jun-24 | 8015B | |

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*=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: 8-Jun-24 15: | 38 |
|--|--------------------|-----|-----------------------------|---------------------------|----------|------------|------------|-----------|---------------------------|-------|
| | | | | 22 @ 5 260-33 (So | | | | | | |
| | | | Reporting | | | | | | | |
| Analyte | Result | MDL | Ĺimit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 176 | | 16.0 | mg/kg | 4 | 4061039 | AC | 10-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compound | s by EPA Method 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. | ID) | | 106 % | 71.5 | -134 | 4060737 | ЈН | 10-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4060721 | MS | 10-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4060721 | MS | 10-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060721 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 96.9 % | 48.2 | -134 | 4060721 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 126 % | 49.1 | -148 | 4060721 | MS | 10-Jun-24 | 8015B | |

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Celey D. Keene, Lab Director/Quality Manager



| BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | | | Project Num Project Mana | ber: 7/1! ger: Cliff | 5/22,7/22/2 | | | | | 38 |
|--|-----------------|-----|-----------------------------|-------------------------|-------------|---------|---------|-----------|-----------|-------|
| | | | | a) SURF | | | | | | |
| | | | H243. | 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 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 | 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 (PI | 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* | 46.2 | | 10.0 | mg/kg | 1 | 4060721 | MS | 10-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | 14.2 | | 10.0 | mg/kg | 1 | 4060721 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 102 % | 48.2 | -134 | 4060721 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 130 % | 49.1 | -148 | 4060721 | MS | 10-Jun-24 | 8015B | |

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Celey D. Keene, 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: | 38 |
|--|----------------------|----------------------------|---------------------------|----------|------------|------------|-----------|----------------------------|-------|
| | | | 23 @ 1 3260-35 (So | | | | | | |
| Analyte | Result N | Reporting MDL Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | Cardin | al Laborat | tories | | | | | |
| Inorganic Compounds | | | | | | | | | |
| Chloride | 192 | 16.0 | mg/kg | 4 | 4061039 | AC | 10-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compounds | s by EPA Method 8021 | | | | | | | | |
| Benzene* | < 0.050 | 0.050 | mg/kg | 50 | 4060737 | JH | 10-Jun-24 | 8021B | |
| Toluene* | < 0.050 | 0.050 | mg/kg | 50 | 4060737 | JH | 10-Jun-24 | 8021B | |
| Ethylbenzene* | < 0.050 | 0.050 | mg/kg | 50 | 4060737 | JH | 10-Jun-24 | 8021B | |
| Total Xylenes* | < 0.150 | 0.150 | mg/kg | 50 | 4060737 | JH | 10-Jun-24 | 8021B | |
| Total BTEX | < 0.300 | 0.300 | mg/kg | 50 | 4060737 | ЈН | 10-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PI | D) | 103 % | 71.5 | -134 | 4060737 | JH | 10-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | |
| GRO C6-C10* | <10.0 | 10.0 | mg/kg | 1 | 4060721 | MS | 10-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | 10.0 | mg/kg | 1 | 4060721 | MS | 10-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | mg/kg | 1 | 4060721 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | 99.5 % | 48.2 | -134 | 4060721 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | 122 % | 49.1 | -148 | 4060721 | MS | 10-Jun-24 | 8015B | |

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Celey D. Keene, Lab Director/Quality Manager



| 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 |
|--|--------------------|-----|-----------------------------|-------------------------|----------|------------|------------|-----------|---------------------------|-------|
| | | | | 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 | |

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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 |
|--|-------------------|-----|-----------------------------|-------------------------|----------|------------|------------|-----------|----------------------------|-------|
| | | | | 23 @ 3' 260-37 (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 | 4061039 | AC | 10-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compounds | s by EPA Method 8 | 021 | | | | | | | | |
| 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 | ЈН | 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 | 4060721 | MS | 10-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4060721 | MS | 10-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060721 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 106 % | 48.2 | -134 | 4060721 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 131 % | 49.1 | -148 | 4060721 | MS | 10-Jun-24 | 8015B | |

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Celey D. Keene, 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 | |

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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 | | | | | | | | | 38 |
|--|--|-----|-----------|----------------------|----------|---------|---------|-----------|-----------|-------|
| | | | | 24 @ 1 260-39 (So | | | | | | |
| | | | Reporting | | , | | | | | |
| Analyte | Result | MDL | Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | tories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 6000 | | 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 | 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 (PII |)) | | 106 % | 71.5 | -134 | 4060737 | JH | 10-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4060721 | MS | 10-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4060721 | MS | 10-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060721 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 104 % | 48.2 | -134 | 4060721 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 130 % | 49.1 | -148 | 4060721 | MS | 10-Jun-24 | 8015B | |

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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 | | | |

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

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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,: | 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 8 | 021 | | | | | | | | | |
| 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 | | | 96.8 % | 48.2 | -134 | 4060721 | MS | 10-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctadecane | | | 120 % | 49.1 | -148 | 4060721 | MS | 10-Jun-24 | 8015B | | |

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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 | | | | | | | | | 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 | |

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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: Fax To: (575) 397-0397 29-Jun-24 15:38 | | | | | | | | | |
|--|---|-----|--------------------|-----------------------|----------|---------|---------|-----------|-----------|-------|
| | | | | 25 @ 1' 260-44 (So | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 2400 | | 16.0 | mg/kg | 4 | 4061039 | AC | 10-Jun-24 | 4500-Cl-B | |
| Volatile Organic 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 | JH | 10-Jun-24 | 8021B | |
| Total Xylenes* | < 0.150 | | 0.150 | mg/kg | 50 | 4060737 | JH | 10-Jun-24 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 4060737 | JH | 10-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PI | D) | | 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 | | | 97.3 % | 48.2 | -134 | 4060721 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 120 % | 49.1 | -148 | 4060721 | MS | 10-Jun-24 | 8015B | |

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Celey D. Keene, Lab Director/Quality Manager



| 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 15:38 | | |
|--|-------------------|-----|-----------------------------|-------------------------|----------|------------|------------|------------------------------|-----------|-------|
| | | | | 25 @ 2 260-45 (So | | | | | | |
| | | | П245 | 200-43 (30 |)11) | | | | | |
| 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 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 | ЛН | 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 | ЛН | 10-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (Pl | D) | | 102 % | 71.5 | -134 | 4060738 | JH | 10-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4060721 | MS | 10-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4060721 | MS | 10-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060721 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 99.9 % | 48.2 | -134 | 4060721 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 124 % | 49.1 | -148 | 4060721 | MS | 10-Jun-24 | 8015B | |

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Celey D. Keene, Lab Director/Quality Manager



| 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 |
|--|--------------------|-----|-----------------------------|------------------------|---|------------|------------|-----------|----------------------------|-------|
| | | | | 25 @ 3' 260-46 (So | | | | | | |
| | | | 11240 | 200 00 (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 |)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* | < 0.150 | | 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 (Ph | ID) | | 100 % | 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 | | | 103 % | 48.2 | -134 | 4060721 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 129 % | 49.1 | -148 | 4060721 | MS | 10-Jun-24 | 8015B | |

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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 | | | | | | | | | |
|--|---------------------|--|--------------------|----------------------|----------|---------|---------|-----------|-----------|-------|--|
| | | | | 25 @ 4 260-48 (So | | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | | Cardina | al Laborat | ories | | | | | | |
| Inorganic Compounds | | | 16.0 | | 4 | 4061039 | AC | 10-Jun-24 | 4500-Cl-B | | |
| Chloride | 80.0 | | 16.0 | mg/kg | 4 | 4061039 | AC | 10-Jun-24 | 4500-CI-B | | |
| Volatile Organic Compound | 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 | 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) | | 99.9 % | 71.5 | -134 | 4060738 | JH | 10-Jun-24 | 8021B | | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4060721 | MS | 10-Jun-24 | 8015B | | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4060721 | MS | 10-Jun-24 | 8015B | | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060721 | MS | 10-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctane | | | 111 % | 48.2 | -134 | 4060721 | MS | 10-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctadecane | | | 138 % | 49.1 | -148 | 4060721 | MS | 10-Jun-24 | 8015B | | |

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Celey D. Keene, Lab Director/Quality Manager



| BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | 5 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,: 28-Jun-24 15:38 | | | | | | | | | |
|--|---|-----|--------------------|------------|----------|---------|---------|-----------|-----------|-------|
| | | | H243 | 260-49 (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 | 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 | 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 (PL | D) | | 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 | |

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| BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,: 28-Jun-24 15 | | | | | | | | | |
|--|--|-----|--------------------|------------|----------|---------|---------|--------------------|-----------|-------|
| | | | | a) SURF | | | | | | |
| | | | H243. | 260-50 (Se |)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 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 | ЛН | 10-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PL | D) | | 103 % | 71.5 | -134 | 4060738 | JH | 10-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | S-06 |
| GRO C6-C10* | <50.0 | | 50.0 | mg/kg | 5 | 4060721 | MS | 11-Jun-24 | 8015B | |
| DRO >C10-C28* | 16100 | | 50.0 | mg/kg | 5 | 4060721 | MS | 11-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | 5680 | | 50.0 | mg/kg | 5 | 4060721 | MS | 11-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 124 % | 48.2 | -134 | 4060721 | MS | 11-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 409 % | 49.1 | -148 | 4060721 | MS | 11 - Jun-24 | 8015B | |

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Celey D. Keene, Lab Director/Quality Manager



| 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 |
|--|-----------------|-----|-----------------------------|---------------------------|---|------------|------------|-----------|----------------------------|-------|
| | | | | 26 @ 1' 260-51 (So | | | | | | |
| | | | 11243 | 200-51 (50 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | al Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 4080 | | 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 (PII |)) | | 98.9 % | 71.5 | -134 | 4060738 | JH | 10-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | S-04 |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4060721 | MS | 10-Jun-24 | 8015B | |
| DRO >C10-C28* | 2240 | | 10.0 | mg/kg | 1 | 4060721 | MS | 10-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | 778 | | 10.0 | mg/kg | 1 | 4060721 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 107 % | 48.2 | -134 | 4060721 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 164 % | 49.1 | -148 | 4060721 | MS | 10-Jun-24 | 8015B | |

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Celey D. Keene, 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 |
|--|---------------------|-----|-----------------------------|---------------------------|----------|------------|------------|-----------|----------------------------|-------|
| | | | | 26 @ 2 260-52 (So | | | | | | |
| | | | П243 | 200-32 (30 |)11) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | al Laborat | tories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 6500 | | 16.0 | mg/kg | 4 | 4061039 | AC | 10-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compound | s by EPA Method 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 | ЛН | 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) | | 98.3 % | 71.5 | -134 | 4060738 | JH | 10-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4060721 | MS | 10-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4060721 | MS | 10-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060721 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 111 % | 48.2 | -134 | 4060721 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 141 % | 49.1 | -148 | 4060721 | MS | 10-Jun-24 | 8015B | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | | | oject Nun ject Mana | nber: 7/15 ager: Cliff | AR CANYO 5/22,7/22/2 Brunson 5) 397-0392 | 22,8/25/22 | ,2/25/23,: | 2 | Reported: 28-Jun-24 15:3 | 38 |
|--|---------------------|-------|------------------------|---------------------------|---|------------|------------|-----------|-----------------------------|-------|
| | | | | 26 @ 3' 5260-53 (So | | | | | | |
| Analyte | Result | R MDL | eporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardin | al Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | 10.010.00 | | | | |
| Chloride | 304 | | 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 | 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 | JH | 10-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (Pl | (D) | | 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 | |

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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 | |

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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 | 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 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) | | 97.5 % | 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* | 27.7 | | 10.0 | mg/kg | 1 | 4060722 | MS | 10-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060722 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 115 % | 48.2 | -134 | 4060722 | MS | 10-Jun-24 | 8015B | _ |
| Surrogate: 1-Chlorooctadecane | | | 108 % | 49.1 | -148 | 4060722 | MS | 10-Jun-24 | 8015B | |

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| 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 15: | 38 |
|--|--------------------|-----|-----------------------------|--------------------------|----------|------------|------------|-----------|----------------------------|-------|
| | | | | @ SURF 260-56 (So | | | | | | |
| | | | | | ,) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | ıl Laborat | tories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 20600 | | 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 | 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 | ЛН | 10-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PL | (D) | | 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 | |

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| 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 |
|--|-------------------|-----|-----------------------------|--------------------------|----------|------------|------------|-----------|----------------------------|-------|
| | | | | 27 @ 1' 260-57 (So | | | | | | |
| | | | 11243 | 200-37 (30 |)II) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | ıl Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 7800 | | 16.0 | mg/kg | 4 | 4061040 | AC | 10-Jun-24 | 4500-Cl-B | |
| Volatile Organic 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 | ЈН | 10-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PL | ID) | | 99.8 % | 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* | 24.7 | | 10.0 | mg/kg | 1 | 4060722 | MS | 10-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060722 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 129 % | 48.2 | -134 | 4060722 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 126 % | 49.1 | -148 | 4060722 | MS | 10-Jun-24 | 8015B | |

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Celey D. Keene, Lab Director/Quality Manager



| 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 |
|--|--------------------|-----|-----------------------------|--------------------------|---|------------|------------|-----------|---------------------------|-------|
| | | | | 27 @ 2 260-58 (So | | | | | | |
| | | | 11245 | 200-38 (30 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | ıl 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 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 | ЈН | 10-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (Pl | 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 | 11-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4060722 | MS | 11-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060722 | MS | 11-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 86.6 % | 48.2 | -134 | 4060722 | MS | 11-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 83.2 % | 49.1 | -148 | 4060722 | MS | 11-Jun-24 | 8015B | |

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Celey D. Keene, Lab Director/Quality Manager



| 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 @ 3' 260-59 (So | | | | | | |
| | | | 11243 | 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 | ЈН | 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 | |

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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 |
|--|---------------|------|-----------------------------|-------------------------|---|------------|------------|-----------|-----------------------------|-------|
| | | | | 27 @ 4 260-60 (So | | | | | | |
| | | | 112-157 | 200 00 (50 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | tories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 224 | | 16.0 | mg/kg | 4 | 4061040 | AC | 10-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compounds | by EPA Method | 8021 | | | | | | | | |
| Benzene* | < 0.050 | | 0.050 | mg/kg | 50 | 4060738 | JH | 10-Jun-24 | 8021B | |
| Toluene* | < 0.050 | | 0.050 | mg/kg | 50 | 4060738 | JH | 10-Jun-24 | 8021B | |
| Ethylbenzene* | < 0.050 | | 0.050 | mg/kg | 50 | 4060738 | JH | 10-Jun-24 | 8021B | |
| Total Xylenes* | < 0.150 | | 0.150 | mg/kg | 50 | 4060738 | JH | 10-Jun-24 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 4060738 | JH | 10-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PIL |)) | | 97.6 % | 71.5 | -134 | 4060738 | ЈН | 10-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4060722 | MS | 11-Jun-24 | 8015B | |
| DRO >C10-C28* | 13.2 | | 10.0 | mg/kg | 1 | 4060722 | MS | 11-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060722 | MS | 11-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 91.9 % | 48.2 | -134 | 4060722 | MS | 11-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 81.2 % | 49.1 | -148 | 4060722 | MS | 11-Jun-24 | 8015B | |

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Celey D. Keene, Lab Director/Quality Manager



| BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | | | oject Nun ject Mana | nber: 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 |
|--|---------------------|-----------|------------------------|---------------------------|---|------------|------------|-----------|---------------------------|-------|
| | | | | 27 @ 5' 260-61 (So | | | | | | |
| | | | 11243 | 200-01 (30 | , m) | | | | | |
| Analyte | Result | Ro MDL | porting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | al 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 802 | [| | | | | | | | |
| 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 | ЛН | 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 | 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 | |

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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

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,: 28-Jun-24 15:38 Project Manager: Cliff Brunson Fax To: (575) 397-0397 SP 28 @ 1' H243260-63 (Soil) | | | | | | | | | | | |
|--|---------------|------|--------------------|-----------|----------|---------|---------|-----------|-----------|--------|--|
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | | Cardina | l Laborat | ories | | | | | | |
| Inorganic Compounds | •••• | | 16.0 | | | 40(1040 | 10 | 10 1 24 | 4500 CL D | | |
| Chloride | 2080 | | 16.0 | mg/kg | 4 | 4061040 | AC | 10-Jun-24 | 4500-Cl-B | | |
| Volatile Organic Compounds | by EPA Method | 8021 | | | | | | | | S-04 | |
| Benzene* | < 0.050 | | 0.050 | mg/kg | 50 | 4060738 | JH | 10-Jun-24 | 8021B | | |
| Toluene* | < 0.050 | | 0.050 | mg/kg | 50 | 4060738 | JH | 10-Jun-24 | 8021B | | |
| Ethylbenzene* | < 0.050 | | 0.050 | mg/kg | 50 | 4060738 | JH | 10-Jun-24 | 8021B | GC-NC | |
| Total Xylenes* | 0.231 | | 0.150 | mg/kg | 50 | 4060738 | JH | 10-Jun-24 | 8021B | GC-NC1 | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 4060738 | ЛН | 10-Jun-24 | 8021B | | |
| Surrogate: 4-Bromofluorobenzene (PID) |) | | 145 % | 71.5 | -134 | 4060738 | ЈН | 10-Jun-24 | 8021B | | |
| Petroleum Hydrocarbons by C | GC FID | | | | | | | | | | |
| GRO C6-C10* | 67.5 | | 10.0 | mg/kg | 1 | 4060722 | MS | 10-Jun-24 | 8015B | | |
| DRO >C10-C28* | 4050 | | 10.0 | mg/kg | 1 | 4060722 | MS | 10-Jun-24 | 8015B | | |
| EXT DRO >C28-C36 | 852 | | 10.0 | mg/kg | 1 | 4060722 | MS | 10-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctane | | | 95.5 % | 48.2 | -134 | 4060722 | MS | 10-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctadecane | | | 111 % | 49.1 | -148 | 4060722 | MS | 10-Jun-24 | 8015B | | |

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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,: | 2 | Reported: 28-Jun-24 15: | 38 |
|--|-------------------|--------------------------|---|------------------------|------------|------------|-----------|----------------------------|-------|
| | | | P 28 @ 2' 13260-64 (So | | | | | | |
| Analyte | Result | Reporting MDL Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | Cardi | nal Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | |
| Chloride | 1380 | 16.0 | mg/kg | 4 | 4061040 | AC | 10-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compounds | by EPA Method 802 | | | | | | | | |
| 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 % | 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* | <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 % | 6 48.2 | -134 | 4060722 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | 85.2 % | <i>49.1</i> | -148 | 4060722 | MS | 10-Jun-24 | 8015B | |

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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 15:33Project Manager:Cliff BrunsonFax To:(575) 397-0397 | | | | | | | | | |
|--|-------------------|--|--------------------|-----------------------|----------|---------|---------|-----------|-----------|-------|--|
| | | | | 28 @ 3' 260-65 (So | | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | | Cardina | l Laborat | ories | | | | | | |
| Inorganic Compounds | | | | | | | | | | | |
| Chloride | 464 | | 16.0 | mg/kg | 4 | 4061040 | AC | 10-Jun-24 | 4500-Cl-B | | |
| Volatile Organic Compounds | 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 | ЛН | 10-Jun-24 | 8021B | | |
| Total Xylenes* | < 0.150 | | 0.150 | mg/kg | 50 | 4060738 | JH | 10-Jun-24 | 8021B | | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 4060738 | JH | 10-Jun-24 | 8021B | | |
| Surrogate: 4-Bromofluorobenzene (Pl | D) | | 99.2 % | 71.5 | -134 | 4060738 | JH | 10-Jun-24 | 8021B | | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4060722 | MS | 10-Jun-24 | 8015B | | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4060722 | MS | 10-Jun-24 | 8015B | | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060722 | MS | 10-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctane | | | 101 % | 48.2 | -134 | 4060722 | MS | 10-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctadecane | | | 92.5 % | 49.1 | -148 | 4060722 | MS | 10-Jun-24 | 8015B | | |

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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 | | | | | | | | | |
|--|--|-----|--------------------|----------------------|----------|---------|---------|-----------|-----------|-------|
| | | | | 28 @ 4 260-66 (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 | 4061040 | AC | 10-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compounds | 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 (PL | D) | | 90.2 % | 71.5 | -134 | 4061003 | JH | 10-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4060722 | MS | 10-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4060722 | MS | 10-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060722 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 93.4 % | 48.2 | -134 | 4060722 | MS | 10-Jun-24 | 8015B | _ |
| Surrogate: 1-Chlorooctadecane | | | 85.4 % | 49.1 | -148 | 4060722 | MS | 10-Jun-24 | 8015B | |

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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 @ 5 260-67 (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 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) | | 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 | |

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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 | | |
|--|--|-----|--------------------|------------|----------|---------|---------|-----------|-----------|------------------------------|--|--|
| | | | | a) SURF | | | | | | | | |
| | | | H243 | 260-68 (So | oil) | | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | | |
| | | | Cardina | al Laborat | ories | | | | | | | |
| Inorganic Compounds | | | | | | | | | | | | |
| Chloride | 8560 | | 16.0 | mg/kg | 4 | 4061040 | AC | 10-Jun-24 | 4500-Cl-B | | | |
| Volatile Organic Compounds | by EPA Method 80 | 21 | | | | | | | | | | |
| Benzene* | < 0.050 | | 0.050 | mg/kg | 50 | 4061003 | ЛН | 10-Jun-24 | 8021B | | | |
| Toluene* | < 0.050 | | 0.050 | mg/kg | 50 | 4061003 | ЛН | 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 | ЛН | 10-Jun-24 | 8021B | | | |
| Surrogate: 4-Bromofluorobenzene (PII |)) | | 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 | | | |

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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 | | | | | | | | | |
|--|---------------------|---|--------------------|-----------------------|----------|---------|---------|-----------|-----------|-------|--|
| | | | | 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 | | |

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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 |
|--|---------------------|-----|-----------------------------|-------------------------|---|------------|------------|-----------|---------------------------|-------|
| | | | | 29 @ 2 260-70 (So | | | | | | |
| | | | 112-55 | 200-70 (50 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | | |
| 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 Compound | 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 | JH | 10-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (P. | ID) | | 85.8 % | 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 | | | 100 % | 48.2 | -134 | 4060722 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 89.5 % | 49.1 | -148 | 4060722 | MS | 10-Jun-24 | 8015B | |

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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: 28-Jun-24 15: | 38 |
|--|-----------------|--|--------------------|----------------------|---|---------|---------|-----------|----------------------------|-------|
| | | | | 29 @ 3 260-71 (So | | | | | | |
| | | | 11243 | 200-71 (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 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 | ЛН | 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 (PIL |)) | | 89.5 % | 71.5 | -134 | 4061003 | JH | 10-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4060722 | MS | 10-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4060722 | MS | 10-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060722 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 91.0 % | 48.2 | -134 | 4060722 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 85.8 % | 49.1 | -148 | 4060722 | MS | 10-Jun-24 | 8015B | |

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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 15:38 | | |
|--|-------------------|-----|-----------------------------|------------------------|----------|------------|------------|------------------------------|-----------|-------|
| | | | | 29 @ 4' 260-72 (So | | | | | | |
| | | | | | ,,,,, | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | ıl Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 160 | | 16.0 | mg/kg | 4 | 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 | 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 | 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* | 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 | |

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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 15:3Project Manager:Cliff BrunsonFax To:(575) 397-0397 | | | | | | | | | |
|--|---|-----|--------------------|-----------------------|----------|---------|---------|-----------|-----------|-------|
| | | | | a) SURF 260-73 (So | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l 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 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 (Ph | ID) | | 88.7 % | 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 | | | 105 % | 48.2 | -134 | 4060722 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 97.5 % | 49.1 | -148 | 4060722 | MS | 10-Jun-24 | 8015B | |

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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: 28-Jun-24 15: | 38 |
|--|--------------------|--|--------------------|----------------------|---|---------|---------|-----------|----------------------------|-------|
| | | | | 30 @ 1 260-74 (So | | | | | | |
| | | | 11240 | 200 /4 (50 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | ıl Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 2200 | | 16.0 | mg/kg | 4 | 4061041 | AC | 10-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compounds | 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 | ЛН | 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 | ЈН | 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 | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4060723 | MS | 10-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4060723 | MS | 10-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060723 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 83.4 % | 48.2 | -134 | 4060723 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 74.7 % | 49.1 | -148 | 4060723 | MS | 10-Jun-24 | 8015B | |

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Celey D. Keene, Lab Director/Quality Manager



| 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 | | | | | | | | | |
|--|--|-----|--------------------|----------------------|---|---------|---------|-----------|-----------|-------|
| | | | | 30 @ 2 260-75 (So | | | | | | |
| | | | 11245 | 200-13 (50 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | | |
| 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 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 | ЛН | 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 | D) | | 88.9 % | 71.5 | -134 | 4061003 | ЈН | 10-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4060723 | MS | 10-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4060723 | MS | 10-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060723 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 82.8 % | 48.2 | -134 | 4060723 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 72.2 % | 49.1 | -148 | 4060723 | MS | 10-Jun-24 | 8015B | |

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Celey D. Keene, 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 | | | | | | | | | |
|--|--|-----|--------------------|----------------------|----------|---------|---------|-----------|-----------|-------|
| | | | | 30 @ 3 260-76 (Se | | | | | | |
| 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 | 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 | 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 | | | 78.6 % | 48.2 | -134 | 4060723 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 72.4 % | 49.1 | -148 | 4060723 | MS | 10-Jun-24 | 8015B | |

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Celey D. Keene, Lab Director/Quality Manager



| 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 | | | | | | | | | |
|--|--|-----|--------------------|-----------------------|----------|---------|---------|-----------|-----------|-------|
| | | | | 30 @ 4' 260-77 (So | | | | | | |
| | | | | | ,) | | | | | |
| 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 | 4061041 | 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 | 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 | ID) | | 89.3 % | 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 | 11-Jun-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4060723 | MS | 11-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060723 | MS | 11-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 73.3 % | 48.2 | -134 | 4060723 | MS | 11-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 64.3 % | 49.1 | -148 | 4060723 | MS | 11-Jun-24 | 8015B | |

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Celey D. Keene, Lab Director/Quality Manager



| 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 | | |

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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 | | | | | | | | | |
|--|---|------------------------|---------------|----------|---------|---------|-----------|-----------|-------|--|
| | | | 1 @ SURF | | | | | | | |
| | | H2 | 243260-79 (Se |) | | | | | | |
| Analyte | Result | MDL Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | Card | linal Laborat | tories | | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 23600 | 16.0 | mg/kg | 4 | 4061041 | AC | 10-Jun-24 | 4500-Cl-B | | |
| Volatile Organic Compounds | 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 | 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 | | |

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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 | | | | | | |
| | | | 11273 | 200-00 (30 | ,m) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | al Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 1040 | | 16.0 | mg/kg | 4 | 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 | ЛН | 10-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PI | D) | | 88.1 % | 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* | 39.1 | | 10.0 | mg/kg | 1 | 4060723 | MS | 10-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060723 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 81.7 % | 48.2 | -134 | 4060723 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 77.4 % | 49.1 | -148 | 4060723 | MS | 10-Jun-24 | 8015B | |

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Celey D. Keene, 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 | | | | | | | | | | |
|--|--|------------------------|-------------------------|----------|---------|---------|-----------|-----------|-------|--|--|
| | | | 2 31 @ 2 3260-81 (So | | | | | | | | |
| Analyte | Result | Reporting MDL Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | | |
| | | Cardin | al Laborat | ories | | | | | | | |
| Inorganic Compounds | | | | | | | | | | | |
| Chloride | 960 | 16.0 | mg/kg | 4 | 4061041 | AC | 10-Jun-24 | 4500-Cl-B | | | |
| Volatile Organic Compounds | by EPA Method 8021 | | | | | | | | | | |
| Benzene* | < 0.050 | 0.050 | mg/kg | 50 | 4061003 | JH | 10-Jun-24 | 8021B | | | |
| Toluene* | < 0.050 | 0.050 | mg/kg | 50 | 4061003 | ЛН | 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 | 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 | | | |

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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 @ 3' 260-82 (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-Cl-B | | |
| Volatile Organic Compounds | 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 (PI | D) | | 88.4 % | 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 | | | 81.1 % | 48.2 | -134 | 4060723 | MS | 10-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctadecane | | | 73.7 % | 49.1 | -148 | 4060723 | MS | 10-Jun-24 | 8015B | | |

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Celey D. 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 | | | |

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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 5' SP 31 @ 5' 1243260-84 (Soil) 1243260-84 (Soil) | | | | | | | | | | |
|--|--|------|--------------------|-----------|----------|---------|---------|-----------|-----------|-------|--|
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | | Cardina | l Laborat | tories | | | | | | |
| <u>Inorganic Compounds</u> Chloride | 144 | | 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 | 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 (PIL |)) | | 108 % | 71.5 | -134 | 4061004 | ЈН | 10-Jun-24 | 8021B | | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4060723 | MS | 10-Jun-24 | 8015B | | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4060723 | MS | 10-Jun-24 | 8015B | | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060723 | MS | 10-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctane | | | 66.0 % | 48.2 | -134 | 4060723 | MS | 10-Jun-24 | 8015B | | |
| Surrogate: 1-Chlorooctadecane | | | 59.9 % | 49.1 | -148 | 4060723 | MS | 10-Jun-24 | 8015B | | |

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Celey D. Keene, 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 | | | | | | | | | |
|--|---|-----|--------------------|-----------------------|----------|---------|---------|-----------|-----------|-------|
| | | | | 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 | |

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| 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 | | | | | | | | | |
|--|--|-----|--------------------|-----------------------|----------|---------|---------|-----------|-----------|-------|
| | | | | 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 | |

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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 @ 2 260-87 (So | | | | | | |
| | | | 112-13 | 200 07 (50 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | ıl Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 4800 | | 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 | 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 | ЛН | 10-Jun-24 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 4061004 | ЛН | 10-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PI | 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 | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | | , , , , , , , , , , | | | | | | Reported: 8-Jun-24 15: | 38 | |
|--|--------------------|----------------------------|--------------------|-----------------------|----------|---------|---------|---------------------------|-----------|-------|
| | | | | 32 @ 3' 260-88 (So | | | | | | |
| | | | 11243 | 200-00 (30 |)II) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 480 | | 16.0 | mg/kg | 4 | 4061041 | AC | 10-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compound | s 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 | JH | 10-Jun-24 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 4061004 | JH | 10-Jun-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PL | ID) | | 108 % | 71.5 | -134 | 4061004 | JH | 10-Jun-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4060723 | MS | 10-Jun-24 | 8015B | |
| DRO >C10-C28* | 18.1 | | 10.0 | mg/kg | 1 | 4060723 | MS | 10-Jun-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4060723 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 86.6 % | 48.2 | -134 | 4060723 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 80.5 % | 49.1 | -148 | 4060723 | MS | 10-Jun-24 | 8015B | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | | | | | | | Reported: 8-Jun-24 15: | 38 | | |
|--|--------------------|-----|--------------------|----------------------|----------|---------|---------------------------|-----------|-----------|-------|
| | | | | 32 @ 4 260-89 (So | | | | | | |
| | | | | | ,, | | | | | |
| 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 | 4061041 | AC | 10-Jun-24 | 4500-Cl-B | |
| Volatile Organic Compound | s 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 | 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 | 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 | | | 91.7 % | 48.2 | -134 | 4060723 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 85.5 % | 49.1 | -148 | 4060723 | MS | 10-Jun-24 | 8015B | |

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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 | | |
|--|-------------------|-----|--------------------|----------------------|---|---------|----------------------------|-----------|-----------|-------|
| | | | | 32 @ 5 260-90 (So | | | | | | |
| | | | 11240 | 200 20 (50 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | ıl Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 160 | | 16.0 | mg/kg | 4 | 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 | 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 | 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 | | | 64.0 % | 48.2 | -134 | 4060723 | MS | 10-Jun-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 58.0 % | 49.1 | -148 | 4060723 | MS | 10-Jun-24 | 8015B | |

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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 | Linit | 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 | | | | |

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

| Ibaryability Control Cardin 2 biothore Analyte Reporting Result Spike Units Suree Suree Result %REC %REC MREC RPD Limit Notes Batch 4061038 - 1:4 DI Water ICS Dup (4061038-BSDI) Prepared & Analyzet: 10-Jun-24 Colspan="6">Colspan="6"Colspan="6">Colspan="6"Colspan="6"Colspan="6">Colspan="6"Col | BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | | Project Nu Project Ma | umber: inager: | CEDAR CAN 7/15/22,7/2 Cliff Brunson (575) 397-0 | | 23,: | Reported: 28-Jun-24 15:38 | | | |
|--|--|--------|--------------------------|-------------------|--|-------------|-----------|------------------------------|------|----|-------|
| Analyte Reporting Limit Spike Units Source Result %REC RPD Limits RPD RPD Limit Notes Batch 4061038 - 1:4 DI Water I.G.0 mg/kg Heavel | | Inor | rganic Com | pounds | - Quality | Control | | | | | |
| Analyte Result Limit Units Level Result %REC Limits RPD Limit Notes Batch 4061038 - 1:4 DI Water Clos Dup (4061038 - 1:4 DI Water Prepared & Analyzed: 10-Jun-24 Clos Dup (4061038 - 1:4 DI Water Prepared & Analyzed: 10-Jun-24 Solar 3.77 20 Batch 4061039 - 1:4 DI Water Prepared & Analyzed: 10-Jun-24 Solar 3.77 20 Batch 4061039 - 1:4 DI Water Prepared & Analyzed: 10-Jun-24 Solar 3.77 20 Batch 4061039 - 1:4 DI Water Prepared & Analyzed: 10-Jun-24 Solar Solar Solar Solar Black (4061039-BSL1) Prepared & Analyzed: 10-Jun-24 Solar Solar Solar Solar LCS Dup (4061039-BSD1) Prepared & Analyzed: 10-Jun-24 Prepared & Analyzed: 10-Jun-24 Solar Solar Solar Solar Black (4061040 - 1:4 DI Water Prepared & Analyzed: 10-Jun-24 Prepared & Analyzed: 10-Jun-24 Solar Solar Solar Solar Black (4061040 - 1:4 DI Water Prepared & Analyzed: 10-Jun-24 Prepared & Analyzed: 10-Jun-24 Solar <t< th=""><th></th><th></th><th>Cardir</th><th>nal Lab</th><th>oratories</th><th></th><th></th><th></th><th></th><th></th><th></th></t<> | | | Cardir | nal Lab | oratories | | | | | | |
| LCS Dup (4061038-BSD1) Prepared & Analyzed: 10-Jun-24 Chloride 432 16.0 mg/kg 400 108 80-120 3.77 20 Batch 4061039 - 1:4 DI Water Blank (4061039-BLK1) Prepared & Analyzed: 10-Jun-24 20 20 20 3.77 20 20 20 20 20 20 20 20 20 20 20 20 20 20 < | Analyte | Result | | Units | • | | %REC | | RPD | | Notes |
| Chloride 432 16.0 mg/kg 400 108 80-120 3.77 20 Batch 4061039 - 1:4 DI Water Prepared & Analyzed: 10-Jun-24 Prepared & Analyzed: 10-Jun-24 V | Batch 4061038 - 1:4 DI Water | | | | | | | | | | |
| Batch 4061039 - 1:4 DI Water Bark 4061039 - B.14 DI Water Prepared & Analyzed: 10 - Jun-24 Chloride ND 16.0 mg/kg Depared & Analyzed: 10 - Jun-24 Chloride Prepared & Analyzed: 10 - Jun-24 Cloride Prepared & Analyzed | LCS Dup (4061038-BSD1) | | | | Prepared & | Analyzed: | 10-Jun-24 | | | | |
| Blank (4061039-BLK1) Prepared & Analyzed: 10-Jun-24 Chloride ND 16.0 mg/kg LCS (4061039-BS1) Prepared & Analyzed: 10-Jun-24 Chloride 416 16.0 mg/kg LCS Dup (4061039-BSD1) Prepared & Analyzed: 10-Jun-24 LCS Dup (4061039-BSD1) Prepared & Analyzed: 10-Jun-24 Chloride 400 16.0 mg/kg Blank (4061040 - 1:4 DI Water Prepared & Analyzed: 10-Jun-24 20 Blank (4061040-BLK1) Prepared & Analyzed: 10-Jun-24 20 Chloride ND 16.0 mg/kg 400 100 80-120 3.92 20 Blank (4061040-BLK1) Prepared & Analyzed: 10-Jun-24 100 100 80-120 3.92 20 Chloride ND 16.0 mg/kg 400 100 80-120 3.92 20 LCS (4061040-BS1) Prepared & Analyzed: 10-Jun-24 100 104 80-120 100 LCS Dup (4061040-BSD1) Prepared & Analyzed: 10-Jun-24 100 108 | Chloride | 432 | 16.0 | mg/kg | 400 | | 108 | 80-120 | 3.77 | 20 | |
| Chloride ND 16.0 mg/kg LCS (4061039-BS1) Prepared & Analyzed: 10-Jun-24 Chloride 416 16.0 mg/kg 400 104 80-120 LCS Dup (4061039-BSD1) Prepared & Analyzed: 10-Jun-24 Prepared & Analyzed: 10-Jun-24 Vertice Veri | Batch 4061039 - 1:4 DI Water | | | | | | | | | | |
| Chloride ND 16.0 mg/kg LCS (4061039-BS1) Prepared & Analyzed: 10-Jun-24 Chloride 416 16.0 mg/kg 400 104 80-120 LCS Dup (4061039-BSD1) Prepared & Analyzed: 10-Jun-24 Prepared & Analyzed: 10-Jun-24 Vertice Veri | Blank (4061039-BLK1) | | | | Prepared & | Analyzed: | 10-Jun-24 | | | | |
| Chloride 416 16.0 mg/kg 400 104 80-120 LCS Dup (4061039-BSD1) Prepared & Analyzed: 10-Jun-24 Prepared & Analyzed: 10-Jun-24 20 Batch 4061040 - 1:4 DI Water 97< | | ND | 16.0 | mg/kg | | | | | | | |
| LCS Dup (4061039-BSD1) Prepared & Analyzed: 10-Jun-24 Chloride 400 16.0 mg/kg 400 100 80-120 3.92 20 Batch 4061040 - 1:4 DI Water Prepared & Analyzed: 10-Jun-24 Vertical State V | LCS (4061039-BS1) | | | | Prepared & | Analyzed: | 10-Jun-24 | | | | |
| Chloride 400 16.0 mg/kg 400 100 80-120 3.92 20 Batch 4061040 - 1:4 DI Water Prepared & Analyzed: 10-Jun-24 Blank (4061040-BLK1) Prepared & Analyzed: 10-Jun-24 V | Chloride | 416 | 16.0 | mg/kg | 400 | | 104 | 80-120 | | | |
| Batch 4061040 - 1:4 DI Water Blank (4061040 - BLK1) Prepared & Analyzed: 10-Jun-24 Chloride ND 16.0 mg/kg LCS (4061040-BS1) Prepared & Analyzed: 10-Jun-24 V Chloride 416 16.0 mg/kg 400 104 80-120 LCS 0up (4061040-BSD1) Prepared & Analyzed: 10-Jun-24 V V V V Chloride 432 16.0 mg/kg 400 108 80-120 3.77 20 Batch 4061041 - 1:4 DI Water U U U U U U U U | LCS Dup (4061039-BSD1) | | | | Prepared & | Analyzed: | 10-Jun-24 | | | | |
| Blank (4061040-BLK1) Prepared & Analyzed: 10-Jun-24 Chloride ND 16.0 mg/kg LCS (4061040-BS1) Prepared & Analyzed: 10-Jun-24 Chloride 416 16.0 mg/kg 400 104 80-120 LCS Dup (4061040-BSD1) Prepared & Analyzed: 10-Jun-24 Prepared & Analyzed: 10-Jun-24 Chloride 432 16.0 mg/kg 400 108 80-120 3.77 20 Batch 4061041 - 1:4 DI Water Here | Chloride | 400 | 16.0 | mg/kg | 400 | | 100 | 80-120 | 3.92 | 20 | |
| Chloride ND 16.0 mg/kg LCS (4061040-BS1) Prepared & Analyzed: 10-Jun-24 Chloride 416 16.0 mg/kg 400 104 80-120 LCS Dup (4061040-BSD1) Prepared & Analyzed: 10-Jun-24 Prepared & Analyzed: 10-Jun-24 20 Chloride 432 16.0 mg/kg 400 108 80-120 3.77 20 Batch 4061041 - 1:4 DI Water Here Here Here Here Here Here | Batch 4061040 - 1:4 DI Water | | | | | | | | | | |
| LCS (4061040-BS1) Prepared & Analyzed: 10-Jun-24 Chloride 416 16.0 mg/kg 400 104 80-120 LCS Dup (4061040-BSD1) Prepared & Analyzed: 10-Jun-24 Prepared & Analyzed: 10-Jun-24 Chloride 432 16.0 mg/kg 400 108 80-120 3.77 20 Batch 4061041 - 1:4 DI Water Image: State Sta | Blank (4061040-BLK1) | | | | Prepared & | Analyzed: | 10-Jun-24 | | | | |
| Chloride 416 16.0 mg/kg 400 104 80-120 LCS Dup (4061040-BSD1) Prepared & Analyzed: 10-Jun-24 Prepared & Analyzed: 10-Jun-24 20 Chloride 432 16.0 mg/kg 400 108 80-120 3.77 20 Batch 4061041 - 1:4 DI Water U U U U U U U | Chloride | ND | 16.0 | mg/kg | | | | | | | |
| LCS Dup (4061040-BSD1) Prepared & Analyzed: 10-Jun-24 Chloride 432 16.0 mg/kg 400 108 80-120 3.77 20 Batch 4061041 - 1:4 DI Water | LCS (4061040-BS1) | | | | Prepared & | Analyzed: | 10-Jun-24 | | | | |
| Chloride 432 16.0 mg/kg 400 108 80-120 3.77 20 Batch 4061041 - 1:4 DI Water Image: Comparison of the second | Chloride | 416 | 16.0 | mg/kg | 400 | | 104 | 80-120 | | | |
| Chloride 432 16.0 mg/kg 400 108 80-120 3.77 20 Batch 4061041 - 1:4 DI Water Image: Comparison of the second | LCS Dup (4061040-BSD1) | | | | Prepared & | z Analyzed: | 10-Jun-24 | | | | |
| | | 432 | 16.0 | mg/kg | - | <u> </u> | | 80-120 | 3.77 | 20 | |
| Blank (4061041-BLK1) Prepared & Analyzed: 10-Jun-24 | Batch 4061041 - 1:4 DI Water | | | | | | | | | | |
| \mathbf{v} , \mathbf{v} | Blank (4061041-BLK1) | | | | Prepared & | Analyzed: | 10-Jun-24 | | | | |
| Chloride ND 16.0 mg/kg | | ND | 16.0 | mg/kg | | - | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

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Celey 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 15:38 |
|--|-------------------------------------|--|---|
| | Fax To: | (575) 397-0397 | |
| | P.O. Box 805 | P.O. Box 805 Hobbs NM, 88241 Project Number: Project 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

| | | Reporting | T T T T | Spike | Source | A/DEC | %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: 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) | 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 |
| | | | |

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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

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| 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)

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Total Xylenes

Total BTEX

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ND

ND

0.0525

0.150

0.300

mg/kg

mg/kg

mg/kg

0.0500

105

71.5-134

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 |
|----------|--------------|
| | |

| | | Reporting | | Spike | Source | | %REC | _ | RPD | |
|---------------------------------------|--------|-----------|-------|-------------|------------|------------|----------|-------|-------|-------|
| 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 | | | |
| p-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 | | | |

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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 |
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Volatile Organic Compounds by EPA Method 8021 - Quality Control

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|----------|--------------|
| | |

| Angleta | D agult | Reporting | Linita | Spike | Source | 0/DEC | %REC | רותת | RPD Limit | Natas |
|---------------------------------------|---------|-----------|--------|-------------|-------------|------------|----------|------|--------------|-------|
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |
| Batch 4060738 - Volatiles | | | | | | | | | | |
| LCS (4060738-BS1) | | | | Prepared: 0 |)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: 0 |)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 | | | |

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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 |
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Volatile Organic Compounds by EPA Method 8021 - Quality Control

| Cardinal Laboratories |
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| Angled | | Reporting | II | Spike | Source | 0/850 | %REC | DDD | RPD Limit | NT / |
|---------------------------------------|--------|-----------|-------|------------|-----------|-----------|----------|------|--------------|-------|
| 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- |
| 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- |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0452 | | mg/kg | 0.0500 | | 90.5 | 71.5-134 | | | |
| Batch 4061004 - Volatiles | | | | | | | | | | |
| Blank (4061004-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) | 0.0538 | | mg/kg | 0.0500 | | 108 | 71.5-134 | | | |

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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 |
|--|--|------------------------------|
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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 | | | |

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



| BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | Project Number: 7/1 Project Manager: Clif | EDAR CANYON WTF 15/22,7/22/22,8/25/22,2/25/23,: iff Brunson 75) 397-0397 | Reported: 28-Jun-24 15:38 |
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Petroleum Hydrocarbons by GC FID - Quality Control

| Cardinal | Laboratories |
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| 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 & | a 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 & | Analyzed: | <u>07-Jun-24</u> | | | | |
| 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 | | | |
| Batch 4060720 - General Prep - Organics | | | | | | | | | | |
| Blank (4060720-BLK1) | | | | Prepared: 0 |)7-Jun-24 A | nalyzed: 10 | 0-Jun-24 | | | |
| CBO C(C10 | 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 | | |
| | | | | | | | | |

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|--|-------------------------------------|--|------------------------------|
|--|-------------------------------------|--|------------------------------|

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 4060720 - General Prep - Organics | | | | | | | | | | |
| LCS (4060720-BS1) | | | | Prepared: (|)7-Jun-24 A | nalvzed: 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 | | | |
| | 58.0 | | mg/kg | 50.0 | | 116 | 48.2-134 | | | |
| Surrogate: 1-Chlorooctane | 50.0 | | mg/kg | 50.0 | | 110 | 10.2 101 | | | |

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Celey D. Keene, Lab Director/Quality Manager



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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-02 |
| Surrogate: 1-Chlorooctadecane | 71.2 | | mg/kg | 50.0 | | 142 | 49.1-148 | | | |

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*=Accredited Analyte

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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 | A 1 1. | 10 1 | | | | |

| 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 | | |

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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 | | | |

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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 |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| (505) 393-2326 FAX (505) 393-2476 | | THE WORD DEVILENT |
|---|--|---|
| Company Name: BBC International, Inc. | | ANALYSIS REQUEST |
| | P.O. #: | |
| | | |
| State: N | VM Zip: 88241 Attn: | |
| 5-397-6388 Fax #: | 575-397-0397 Address: | |
| Project #: Project 0 | Project Owner: Oxy City: | |
| ame: CEDAR CANYON WTF (| 122/22,8/25/22,2/25/23,3/6/24) State: Zip: | |
| Project Location: New Mexico | 104 33 Phone# | |
| Sampler Name: SIMON RENDAN | G Pax 第一 | |
| |)RAB OR (C)OMP. CONTAINERS ROUNDWATER ASTEWATER DIL LUDGE THER : CID/BASE: CE / COOL THER : COL THER : | BIEX |
| 11 CU SP 16@4' | L 5/30/24 | |
| C SP 16@5' | 5/30/24 9/2/AM | |
| PLEASE NOTE: Lubility and Damages. Candinal's lability and classifit exclusive to analyses. All claims including those for negligance and any other classifie exclusion en | PLEASE MOTE: Lubbilly and Damages. Candinal's lability and clast's exclusive remedy for any claim aroung whether based in contrad or fort, shall be initiad to the amount paid by the client for the applicable analyses. All claims including these for negligance and any class versions whatever shall be deemed work in stated in the shall be initiad to the amount paid by the client for the analyses. All claims including these for negligance and any class versions ensuing whether bases interruptors, loss of the client based by claims abulantes. | |
| out of or related to the performance | nac | TYPES INO Add'I Phone #: Yes INO Add'I Fax #: TAPLE CORRECTION. |
| In | Date: 6-24 Received By: Time: 6-24 Received B | F |
| Sampler - UPS - Bus - Other. 100 | | |

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

Page 110 of 119

09

ARDINAL LABORATORIES

| Received by | OCD: | 2/7/2025 | 6:10:00 | РМ | |
|-------------|------|----------|---------|----|--|
| | | | | | |

| Project Manager: Cliff Brunson | | P.O. #: | |
|--|---|--|-------------------------|
| Address: P.O. Box 805 | 2 | Company: Oxy | |
| city: Hobbs st | State: NM Zip: 88241 At | | |
| Phone #: 575-397-6388 Fax #: | 575-397-0397 | Address: | |
| Project #: Pro | Project Owner: Oxy Ci | City: | |
| Project Name: CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24) | - | State: Zip: | |
| Project Location: New Mexico | Idulas Ph | | |
| Sampler Name: SIMON RENDAN | 2602 | Mag at | |
| OR LAB USE DULY | MATRIX | PRESERV. SAMPLING | xt |
| Lab I.D. Sample I.D. | (G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL QIL SLUDGE OTHER : | ACID/BASE: ICE / COOL OTHER : DATE | BTEX |
| S SP 17@SURFACE | 5 | 5/30/24 9: | |
| U SP 17 @ 1' | * | _ | |
| SP 17 | | | |
| G SP 17 @ 3' | | | |
| 7 SP 17 @ 4' | | | |
| SP 18@SURFACE | | 5/30/24 11:12AM | |
| SP 18 @ | | 5/30/24 11:26AM | |
| 0 SP 18 @ 2' | | 5/30/24 11:42AM | |
| SP 18 @ 3' | | 5/30/24 11:56AM | • • • |
| 17 SP 18 @ 41 | | 5/30/24 12:12PM | · · · |
| second parts descripted is warming and page ima including those for negligence and any other ca vent shall Cardenal be liable for incidential or conseq esso(s arising out of or related to the performance or esso(s aris | claim aniwing whether based in cont emed waived unless inade in writing thout limitation, business interruptio small regardless of whethersecoth clu | pact or ton; shall he limited to the amount paid by the client for the and received by Cardinal within 30 days after completion of the applicable rs. loss of use or loss of port excurred by client, its subsidiantes, the stand upon one of the statement at hard statement as the statement as | he applicable rs. |
| Relinguished By: Date: | Time: 2. A. 24 Received By: | Phone Result: Fax Result: REMARKS: | ult: |
| Retinquished By: The Date | Date: 6- 24 Received By: | * PV | oject name connection, |
| Sampler - UPS - Bus - Other: | Cool Intact | (Initials) | Shoakdana (1.310 |

Page 111 of 119

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ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

| Company Name: BBC International Inc. | tional Inc | | BILL TO | | | ANAI VOIS | |
|---|---|---|--|--------------------------------------|---------------|-----------|-----------|
| | the second se | | DITT IO | | | DIADE I O | O NEWDEOI |
| Project Manager: Cliff Brunson | 1 | | P.O. #: | | | - | |
| Address: P.O. Box 805 | | | Company: Oxy | | | | |
| city: Hobbs | State: NM | Zip: 88241 | | | | | |
| Phone #: 575-397-6388 | S1 | | 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) | WTF (7/15/22,7/22/22, | | State: Zip: | | ٩ | | |
| Project Location: New Mexico | | 10(4)23 | Phone #: | | l | | |
| Sampler Name: SIMON RENDAN | NDAN | | Fax # | | í | | |
| FOR LAB USE ONLY | | MATRIX | PRESERV. SAMPLING | LING | A | | |
| Lab I.D. Sample I.D. | | (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE | | TIME | Chlan BIEX | JEITE | |
| SP 19@SURFACE | | - | 5 | 12:51PM | | | |
| SP 19@ 1' | | | 5/30/24 | 1:07PM | < < < | | |
| S SP 19@ 2' | | | 5/30/24 | 1:19PM | | | |
| SP 19@ 3' | | | 5/30/24 | 1:32PM | • | | |
| SP 19@ 4' | | | 5/30/24 | 1:44PM | | | |
| | ACE | | 5/30/24 | 1:55PM | • | | |
| SP 20@ 1' | | | 5/30/24 | 2:10PM | | | |
| SP 20@ 2' | | | 5/30/24 | 2:19PM | | | |
| SP 20@ 3' | | | 5/30/24 | 2:31PM | • | | |
| SP 20@ 4" | | | 5/30/24 | 2:40PM | | | |
| | and claaf's exclusive remedy for any claim other cause whatsoever shall be deemed | Sam arising whether based is contrad o | 5/30/24 5/30/24 5/30/24 5/30/24 sct tort, staal be limited to the amount p | 2:10PM 2:19PM 2:31PM 2:40PM | | | |

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

100

Cool Intact

(Initials)

Cuoles

Sharl

6.0

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

Page 112 of 119

| | 101 East Marland, Hobbs, NM 88240 (505) 393-2326 EAX (505) 393-2476 | 88240 | | | |
|---|---|--|---|---|--------------------------------|
| Company Name: | BBC International, Inc. | 1410 | BILL TO | | |
| Project Manage | Project Manager: Cliff Brunson | | P.O. #: | | ANALISIS REQUEST |
| Address: P.O. Box 805 | Box 805 | ~ | Company: Oxy | | |
| city: Hobbs | State: NM | Zip: 88241 | | | |
| 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: | | |
| Project Location: | : New Mexico | 104123 | AS Phone #: | le | |
| Sampler Name: | SIMON RENDAN | | he are the day | io | |
| FOR LAB USE ONLY | | R | PRESERV. SAMPLING | n | |
| Lab I.D. 1/24/32400 | Sample I.D. | (G)RAB OR (C) # CONTAINERS GROUNDWATE WASTEWATER SOIL OIL SLUDGE | OTHER : ACID/BASE: CE / COOL OTHER : DATE | Chic BIEX TPHE | |
| - | SP 21@SURFACE | 2 | - | 2:52PM / / / | |
| R | SP 21@ 1' | | 5/30/24 | 3:03PM 🗸 🗸 🗸 | |
| | SP 21@ 2' | | 5/30/24 | 3:14PM 4 4 | |
| | SP 21@ 4 | | 5/30/24 | 3:22PM / / / | |
| 201 | SP 320 SI IDEACE | | 5/30/24 | 3:35PM / / / | |
| | SP 22@ 1' | | 5/31/24 | 9:25AM / / / | |
| 84 | SP 22@ 2' | | 5/31/24 | 10:07AM | |
| | SP 22@ 3' | | 5/31/24 | 10:23AM | |
| Liability an | SP 22@ 4" | for any clarit ansing whether based in contract or to | 5/31/24 | 10:39AM / / / / | |
| analyses. All claims including service its no event shall Caro affiliates or successors arising | systes: All claims: including those for negligence and any other cause whatsoever shall be deened waved unless made vice: In no event shall Cardinal be liable for accidental or consequental damages, including without limitation, business a liable of successors arising out of or related to the performance of services tiereunder by Cardinal, regardless of whether liable of successors arising out of or related to the performance of services tiereunder by Cardinal, regardless of whether liable of successors arising out of or related to the performance of services tiereunder by Cardinal, regardless of whether liable of successors arising out of or related to the performance of services tiereunder by Cardinal, regardless of whether the successors arising out of our set of the services tiereunder of services there are not by the services tiereunder of the services tiereunder o | in writing ar interruptions | Cardinal Cardinal or loss of p | ris ore environits paid by the client for the applicable within 30 days after completion of the applicable space and the stand values of the subsidianes. | |
| Nondal | Time Re 10 Mar | min Uslac | Henre | Phone Result: Ves No Add' Fax Result: Yes No Add' REMARKS: | Add'l Phone #: Add'l Fax #: |
| Relinquished By | 1 as Lene Time 6-24 | Received By: |) . | xprojed name | |
| Delivered By: (Circle One) | (Circle One) _14.0 | Sample Condition | CH | per customer. | - Shadedner |
| Sampler - UPS - | Bus - Other: 100 | No No No | AD STATUS | | 6/24/24 |
| † Cardinal ca | Cardinal cannot accept verbal channes. Please fax written chances to EnE 202 2476 | aso fay written changes to Enc | | | |

Page 113 of 119

Page 114 of 119

Released to Imaging: 2/10/2025 8:13:51 AM

| Company Name: | | | BILL TO | | ANALYSIS REQUEST |
|---|---|--|-----------------------------------|----------------------|--------------------------------|
| Project Manager: | Cliff Brunson | | P.O. #: | | |
| Address: P.O. | Box 805 | | Company: Oxy | | |
| city: Hobbs | State: NM | Zip: 88241 | | | |
| Phone #: 575-397-6388 | Fax #: | 575-397-0397 | 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: | ٩ | |
| Project Location: | 1: New Mexico | stipol | | l | |
| Sampler Name: | SIMON RENDAN | C | Fax # O-OH | ic | |
| FOR LAB USE ONLY | | | PRESERV. SAMPLING | nn K EX | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL DIL SLUDGE | ACID/BASE: CE / COOL THER : | Chlo BTEX TPHE | |
| 173. | SP 22@5' | | 5/31/24 | 10-52AM | |
| ~ | SP 23@SURFACE | -6 | | 11:14AM / / / | |
| S | SP 23@1' | | - | ••• | |
| | SP 23@2' | | | | |
| | SP 23@3' | | - | • | |
| 35 | SP 24@SURFACE | | 5/31/24 | • | |
| | SP 24@ 1' | | 5/31/24 | 1:06PM | |
| ch | SP 24@ 2' | | 5/31/24 | • | |
| 41 | SP 24@ 3' | | 5/31/24 | • | |
| PLEASE NOTE: Liability and | PLEASE MOTE: Liability and Damages Cardinal's liability and client's exclusive remery for a produced all homes which do not be not and the second sec | any claim arising whether based in contract or tort | 5/31/24 led to the amount paid | 1:52PM v v v | |
| affinites or successors, arising out of or related to recodential Relinquished By: | anal te lable for incidental or consequential famiges, inclu- out of or related to the performance of services hereworder Date: | without limitation, business interruptions, aromal regardless of whether such claim Received By: | d pagette | Phone Result: Yes No | Add'l Phone #: Add'l Fax #: |
| Relinquished By | weltown Dates 6- 24 | Date 6- 24 Received By: | | Apleoject now | instrume collection. |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other | (Circle One) Bus - Other: | Cool Intact | (Initials) | | Nodeigne |

Received by OCD: 2/7/2025 6:10:00 PM

| | ç | DITT IC | ANALYSIS REQUEST |
|--|--|---|--|
| Project Manager: Cliff Brunson | | P.O. #: | |
| Address: P.O. Box 805 | | Company: Oxy | |
| city: Hobbs Sta | State: NM Zip: 88241 | Attn: | |
| Phone #: 575-397-6388 Fax #: | 575-397-0397 | Address: | |
| Project #: Proj | Project Owner: Oxy | City: | |
| Project Name: CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24) | | State: Zip: | |
| Project Location: New Mexico | | | |
| Sampler Name: SIMON RENDAN | A | Pre- after | Ţ |
| Lab I.D. Sample I.D. | | /BASE: COOL | STEX |
| H243260 | # CON GROU WAST SOIL OIL SLUD | ACID/ | |
| SP 25@SURFACE | 1 | | |
| US SP 25@2' | | 2:41PM , | |
| | | 3-14PM | NO Sample X Relonau |
| U.S SP 25@4" | | 5/31/24 3:29PM | |
| | | 4 9:30AM | · · |
| SP 26@1' | | 6/3/24 10:02AM | |
| E: Liability and | sive remedy for any claim arising whether based in contract or | cf or toot shall be limited to the amount outd to the cleant for the | |
| analyses All claims including trose for negligence and any other cause wha service. In no event shall Cardinal be lable for incidential or consequential da affiliates or successors ansing out of or related to the performance of service. | atsoever shall be deemed walved unless made in writing and rece amages, including without limitation, business interruptions, loss o is bereunder by Cardinal, regaribess of whether such claim is bas | received by Cardinal within 3D days after completion of the applicable sec of use, or loss of publis incurred by client, its subsidiaries, t based upon any of the above stated reasons or otherwise. | |
| U Stra | and and | Teltena Fax Result: | □Yes □ No Add" Phone #: □Yes □ No Add" Fax #: |
| and | 121 01 | dup | rustriante notified |
| Sampler - UPS - Bus - Other: 100 | Cool Intact | (Initials) | Thinking & Andrianni |
| † Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476 | es. Please fax written changes to 50 | | *project name at at at correction, per customer. |
| | | | He men - homely pade |

Page 115 of 119

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

| Company Name: BBC Ir Project Manager: Cliff Br Address: P.O. Box 805 | ne: BBC International, Inc Jer: Cliff Brunson | al, Inc. | | BILL TO | 0 | | ANALYSIS | REQUEST |
|--|--|---|--|---|--|--------------------------|--------------------------------|---------|
| Project Manag Address: P.(| Jer: Cliff Brunson | | | BO #: | | | | |
| Address: P.(| | | | T.C. T. | | | | |
| | J. BOX 8U5 | | | Company: Oxy | | _ | | |
| city: Hobbs | | State: NM zi | Zip: 88241 | | | _ | _ | |
| Phone #: 575-397-6388 | -397-6388 | Fax #: 575-39 | 575-397-0397 | Address: | | | | |
| Project #: | | Project Owner: Oxy | Dxy | City: | | _ | | |
| Project Name: | CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24) | (7/15/22,7/22/22,8/ | 125/22,2/25/23,3/6/24) | - | | | | |
| Project Location: | on: New Mexico | | SC-10 | | 0 | | | _ |
| Sampler Name: | SIMON RENDAN | N | *SPL | HE HE AL | | | _ | |
| FOR LAB USE ONLY | | | MATRIX | | SAMPLING | | | _ |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS GROUNDWATER WASTEWATER SOIL DIL SLUDGE | DTHER : ACID/BASE: CE / COOL DTHER : DATE | | BTEX TPHE | | |
| 5.0 | SP 26@3' | 2 | | 5 | = | 1 | | |
| Su | SP 26@4' | - | ~ | 6/3/24 | 10:40AM | 1 | | |
| 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 | • | | |
| 82 | 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 | • • | | |
| 0 | SP 27@5 | | | 6/3/24 | 1:05PM | ۲ ۲ | | |
| PLEASE NOTE: Liability a Inalyses All claims includ ervice. In no event shall of | PLEASE NOTE: Lisbinity and Damages Cardona's liability and cliear's exclusive remedy for any claim ansing whethar based in contract or tort, shall be limited to analyses. All claims, including those for incegligance and any other clause inhalloover shall be deemed waived unless made in writing and received by Cardonal with service. In one server shall Cardona be table to another any other clause inhalloover shall be deemed waived unless made in writing and received by Cardonal with service. | 's exclusive remedy for any claim use whatsoever shall be deemed | im ansing whether based in contract or fort shall d waived unless made in writing and received by | | /3/24 1:19PM / | able | | |
| Relinquished By | 182 | Timeg, MAN | Received By: | 111 one | Phone Result: Fax Result: REMARKS: | □ Yes □ No □ Yes □ No | Add'l Phone #: Add'l Fax #: | |
| Relinquished B | A anten | R | Received By: | | Korojact | | n in a | t UNAU |
| Delivered By | e)/ | 190 | 1 JON | | | | - narry correction. | speci |

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

Sampler - UPS - Bus - Other: 0 Ves Ves (Initials) Annual 10048

Page 116 of 119

Released to Imaging: 2/10/2025 8:13:51 AM

| Company Name: | BBC International, Inc | Inc. | BILL TO | | | ANALYSIS REQUEST |
|--|--|---|---|--|--------|--------------------------------|
| Project Manage | Project Manager: Cliff Brunson | | P.O. #: | | _ | |
| Address: P.O. Box 805 | Box 805 | 0 | Company: Oxy | | | |
| city: Hobbs | | State: NM Zip: 88241 | | | | |
| Phone #: 575-397-6388 | P | 5-397-0397 | Address: | | | |
| Project #: | P | Project Owner: Oxy c | City: | | | |
| Project Name: (| CEDAR CANYON WTF (7) | 22,2/25/23,3/6/24) | State: Zip: | 0 | | |
| Project Location: | n: New Mexico | 0432 P | | l | | |
| Sampler Name: | SIMON RENDAN | - 48× | he# % | 10 | | |
| FOR LAB USE ONLY | Sample I.D. | RAB OR (C)OMP, ONTAINERS OUNDWATER STEWATER IL JDGE | HER : ID/BASE: PRESERV :/ COOL SAMPLING | Chlon | BIEX | |
| - AL | SP 28@1' | | 5 | 1:34PM / | 1 | |
| Tel | SP 28@2' | | 6/3/24 | 1:52PM | < < | |
| 5 | SP 28@3' | | 6/3/24 | 2:05PM | • | |
| 66 | SP 28@4' | | 6/3/24 | 2:16PM | • | |
| E | SP 28@5' | | 6/3/24 | 2:29PM | • | |
| 6% | SP 29@SURFACE | | 6/3/24 | 2:46PM | • | |
| 15 | SP 29@1' | | 6/3/24 | 3:07PM | ۲ ۲ | |
| 10 | SP 29@2' | | 6/4/24 | 9:20AM | • | |
| 1= | SP 29@4' | | 6/4/24 | 9:52AM | | |
| *LEASE NOTE: Liability an maiyses All claims includin ervice. In no event shall Ca miliates or surrassons arisen. | and Damages. Candinal's liability and clisuots fring those for negligence and any other cause Cardinal be liable for incidental or consequent sono cuit of w ratisfand in the neutromance of se | and Damages. Cardinal's lability and clisat's exclusive remedy for any claim alising whether based in contract ut tot, shall be limited of ong those for negligence and any other cause whitsoever shall be deemed waived unless most in writing and received by classinal classinal be liable for incidental or consequential analysis, including whether white an under in writing and exercise to use, or loss, or some out of or valuate the audommous of earlier analysis, including whether and standard waive in the torm is based use, or loss, or some out of or valuate the audommous of earlier analysis and analysis. | I tort, shall be limited to the amount pareceived by Cardinal within 30 days afters of use, or loss of polits incurred by a start of the second se | to the amount paid by the client for the within 30 days after completion of the applicable plifts incurred by client, its subsidianes. | able | |
| Relinquished By | 2 A) | Time: 2:00 KM | Mana | Phone Result: Fax Result: REMARKS: | Yes No | Add'I Phone #: Add'I Fax #: |
| Relinquished By | ine that | Date: 6-2 Received By: Time 1051 OLDauce | 8 | per cu | custom | stomete. mindrailminist |
| Sampler - UPS - Bus - Other | - Bus - Other: | 1.0 Cool Intact | (Initials) | | | |

Page 117 of 119

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST \mathcal{D}

Page 118 of 119

| Company Name: BBC International, Inc. | BILL TO | 2 ANALYSIS REQUEST |
|--|--|--|
| Project Manager: Cliff Brunson | P.O. #: | |
| Address: P.O. Box 805 | Company: Oxy | |
| city: Hobbs State: NM | zip: 88241 Attn: | |
| 5-397-6388 Fax #: | 575-397-0397 Address: | |
| Project #: Project Owner: Oxy | rr: Oxy City: | |
| ame: CEDAR CANYON WTF (| | |
| Project Location: New Mexico | Phone #: | |
| Sampler Name: SIMON RENDAN | X'SQ' Way Fat | |
| | MATRIX PRESERV. | SAMPLING |
| Lab I.D. Sample I.D. | (G)RAB OR (C)OI # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : | Chl BIE TDH |
| SP 30@SURFACE | 1 | 10:12AM V V V |
| 14 SP 30@1 | 6/4/24 | 10.26AM 🗸 🗸 🗸 |
| 75 SP 30@2' | 6/4/24 | 10:41AM v v v |
| 5 SP 30@3' | 6/4/24 | 10:56AM , , , |
| 'T) SP 30@4' | 6/4/24 | 11:12AM v v v |
| 7 SP 30@5' | 6/4/24 | 11:24AM / / / |
| 79 SP 31@SURFACE | 6/4/24 | 11:38AM / / / |
| 20 SP 31@1' | 6/4/24 | 11:55AM v v v |
| 8 SP 31@2' | 6(4)24 | 12:45PM ~ ~ ~ |
| SL SP 31@3' | 6/4/24 | 1:10PM v v v |
| PLEASE NOTE: Lability and Damages. Caldinai's sability and clear's encloser transply for transpose. All claims including those for negligence and any other cause whatsoever shale the enclose. In no event shall Cardinal be lable for inclential or increase and analysis, includin sectors a successory shall cardinal be lable for inclential or consequential damages, includin sectors a successory and and and a valued to be a cardiomicrose of another damages. | any claim arising whether based in contract or fort, shall be limited to the annual cheemed waveg unless made in writing and leoclived by Cardigal, within 30 days gravitout limitation, business interruptions, loss of use, or long of the about estimation Cardinal texasurbase of ubactine such claim is based uson advort for a about estate | 30 daya aher conçivino n'itme agolicable noumed by client de subdances ve stated to aconce or to subsidiance |
| Relinquished By: Date: 6-2 | Received By CANDILLING | Phone Result: Yes No Add'I Phone #: Fax Result: Yes No Add'I Fax #: REMARKS: |
| Relinquished By: Company Date 6 - | Date 6 - HReceived By: Time: 105/ 0100000 | * project nound condition |
| Delivered By: (Circle One) -/4.0: | 2 | he are a |
| Sampler - UPS - Bus - Other: 140 | | |
| † Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476 | e fax written changes to 505-393-2476 | |

ARDINAL LABORATORIES

Page 119 of 119

| Relinquished By: Relinquished By: Relinquished By: Delivered By: (Circle One) Sampler - UPS - Bus - Other | PLEASE NOTE: Lublify and Damages Card analyses Al claims including Bose for eigilig service. In no event shall Cardmail be liable (or affiates or successor ansing out of or related | QD | 68 | 86 | g | al al | No | al a | 22 | Lab I.D. H ZU ZUOJ | Sampler Name: | Project Location: | Project Name: | Project #: | Phone #: 575-397-6388 | city: Hobbs | Address: P.O | Project Manager: | Company Name: |
|---|--|----------|----------|----------|----------|----------|---------------|----------|----------|--|---------------|-------------------|---|--------------------|-----------------------|----------------------|--------------|------------------|---|
| (Circle One) -) Bus - Other: | nar's liability and cli ince and any other incidental or conse to the performance | SP 32@5' | SP 32@4' | SP 32@3' | SP 32@2' | SP 32@1' | SP 32@SURFACE | SP 31@5' | SP 31@4' | Sample I.D. | SIMON RENUAN | | CEDAR CANYON WTF (7/15 | Pro | | St | P.O. Box 805 | r: Cliff Brunson | BBC International, Inc. |
| Date: - 6-24 Received By: Time: 6 24 Received By: Date: - 6 24 Received By: Time: 6 24 Received By: Time: 6 24 Received By: Cool In Cool In 14.0 2 Cool In Cool In C | act's exclusive temedy for any claim ansing whether based in cont curse whistoerer shall be deemed valved unless made is writing operated damages, including without limitation, business marticipain of services hereunder the Cardinal endowed unless use to re- | | | | | | | | 2 | (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL | XX | 10-4 | Project Name: CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24) | Project Owner: Oxy | x#: 575-397-0397 | State: NM Zip: 88241 | | | IC. |
| By: By: By: Condition Sample Condition Sample Condition Cond Intact Cool Intac | act or fort, shall be limited to the amount and increased by Cardon audition 30 days in loss of tree, or loss of politis ancure are been a bread more to act the statement for a first and the statement in the total statement are act to act t | 6/4/24 | 6/4/24 | 6/4/24 | 6/4/24 | 6/4/24 | 6/4/24 | 6/4/24 | 4 6/4/24 | SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : DATE | Pat #: 0 | Phone #: | 3/6/24) State: Zip: | City: | Address: | | Company: Oxy | P.O. #: | BILL TO |
| Phone Result: Fax Result: REMARKS: Apro Per | paid by the client for the after completion of the applicable by client its subscitation, | 3:29PM | 3:17PM | 3:02PM | 2:40PM | 2:21PM | 2:08PM | 1:46PM | 1:27PM | TIME | | - | - | | | | | _ | |
| Jeet wes | cable | • | • | • | • | • | • | < < | 1 1 1 1 | BIEX | | | | | _ | _ | _ | _ | |
| per customer. 800 addifer: | | | | | | | | | | | | | | | | | | | ANALYSIS REQUEST |



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

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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 @ 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 | Analyzed 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 | | | | | | |

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*=Accredited Analyte

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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 | | | | | | |

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*=Accredited Analyte

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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 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 | | | | | | |

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



Notes and Definitions

| ND | Analyte NOT DETECTED at or above the reporting limit |
|-----|---|
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C |

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

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| (1 | (505) 393-2326 FAX (505) 393-2476 | 76 | | | NIFOT |
|--|--|---|---|----------------------------|---------|
| Company Name: | Company Name: BBC International, Inc. | | BILL TO | ANALYSIS REG | REQUEST |
| Project Manager: Cliff Brunson | Cliff Brunson | | P.O. #: | | |
| Address: P.O. I | 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 | er: Oxy | City: | | |
| Project Name: Ct | 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: | | |
| Project Location: | New Mexico | | Phone #: | | |
| Sampler Name: | SIMON RENDAN | | Fax #: | | |
| FOR LAB USE OWLY | | | PRESERV. SAMPLING | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE | m | Chie BIE | |
| In Joint | SP 5 @4' | 61 4 | | < < | |
| | SP 15@3' | | | ~ ~ | |
| two | SP 15@4' SP 21@5' | | 7/1/24 10:1 | 10:12am | |
| PLEASE NOTE: Labelly and Damages | PLEASE NOTE: Liability and Damages Cautonal's liability and claus's exclusive remedy for any claum arising whyther based in contract or tork, shall be limited to the amount paid by the clent for the | or any clasm ansmu whether based in contract or tort, shall | d or ford, shall be limited to the emount paid by th | paid by the cleant for the | |
| Relinquished By | out of or related to the performance of | Received By: | Timer 2 20 South and the sub-claim is based upon any of the above stands to some | Phone Result: | |
| Relinquished By: | l | Received By: | 1 Contract | 248 hours | |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | (Circle One) 3-3: | Sample Condition Cool Intact PY65 PYes No No | tion CHECKED BY: (Initials) to Checken By: | | |

† 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 Num Project Mana | ber: 7/18 ger: Cliff | DAR CANYON WTF Reported: 8/22,7/22/22,8/25/22,2/25/23,: 23-Jul-24 15:2 f Brunson 5) 397-0397 | | | | | |
|--|------------|------|-----------------------------|-------------------------|---|---------|---------|-----------|-----------|-------|
| | | | 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 1 | EPA Method | 8021 | | | | | | | | |
| Benzene* | < 0.050 | | 0.050 | mg/kg | 50 | 4071808 | JH | 18-Jul-24 | 8021B | |
| Toluene* | < 0.050 | | 0.050 | mg/kg | 50 | 4071808 | JH | 18-Jul-24 | 8021B | |
| Ethylbenzene* | < 0.050 | | 0.050 | mg/kg | 50 | 4071808 | JH | 18-Jul-24 | 8021B | |
| Total Xylenes* | < 0.150 | | 0.150 | mg/kg | 50 | 4071808 | JH | 18-Jul-24 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 4071808 | JH | 18-Jul-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 124 % | 71.5 | -134 | 4071808 | ЈН | 18-Jul-24 | 8021B | |
| Petroleum Hydrocarbons by 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 | |

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*=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: 7/18 ager: Cliff | | 22,8/25/22 | ,2/25/23,: | Reported: 23-Jul-24 15:25 | | | | |
|--|---------------------|----------------------------|---------------------------|----------|------------|------------|------------------------------|-----------|-------|--|--|
| | | | 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

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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: 7/18 ager: Cliff | | 22,8/25/22, | ,2/25/23,: | Reported: 23-Jul-24 15:25 | | | | |
|--|--------------------|-----|-----------------------------|--------------------------|----------|-------------|------------|------------------------------|-----------|-------|--|--|
| | | | | DARY 3 290-03 (So | 0 | | | | | | | |
| | | | 112442 | .70-05 (50 | iiu) | | | | | | | |
| 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 | 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 | ЛН | 18-Jul-24 | 8021B | | | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 4071808 | JH | 18-Jul-24 | 8021B | | | |
| Surrogate: 4-Bromofluorobenzene (Pl | D) | | 103 % | 71.5 | -134 | 4071808 | JH | 18-Jul-24 | 8021B | | | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4071809 | MS | 18-Jul-24 | 8015B | | | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4071809 | MS | 18-Jul-24 | 8015B | | | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4071809 | MS | 18-Jul-24 | 8015B | | | |
| Surrogate: 1-Chlorooctane | | | 123 % | 48.2 | -134 | 4071809 | MS | 18-Jul-24 | 8015B | | | |
| Surrogate: 1-Chlorooctadecane | | | 120 % | 49.1 | -148 | 4071809 | MS | 18-Jul-24 | 8015B | | | |

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*=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: 7/18 ger: Cliff | | 22,8/25/22, | 2/25/23,: | Reported: 23-Jul-24 15:25 | | | | |
|--|------------------|-----|-----------------------------|-------------------------|----------|-------------|-----------|------------------------------|-----------|-------|--|--|
| | | | | 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 Num Project Mana | nber: 7/18 ager: Cliff | | 22,8/25/22 | ,2/25/23,: | Reported: 23-Jul-24 15:25 | | | | |
|--|-----------------|-----|-----------------------------|---------------------------|------------|------------|------------|------------------------------|-----------|-------|--|--|
| | | | | 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 Num Project Mana | ber: 7/18 ager: Cliff | | 22,8/25/22 | ,2/25/23,: | Reported: 23-Jul-24 15:25 | | | | |
|--|--------------------|-----|-----------------------------|--------------------------|------------|------------|------------|------------------------------|-----------|-------|--|--|
| | | | | DARY 6 290-06 (So | \bigcirc | | | | | | | |
| | | | 112 1 12 | | iiu) | | | | | 1 | | |
| 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 | 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) | | 120 % | 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 % | 49.1 | -148 | 4071809 | MS | 18-Jul-24 | 8015B | | | |

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Celey D. Keene, Lab Director/Quality Manager



| BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | | | Project Num Project Mana | nber: 7/18 ager: Cliff | | 22,8/25/22 | ,2/25/23,: | Reported: 23-Jul-24 15:25 | | | | |
|--|-------------------|-----|-----------------------------|---------------------------|----------|------------|------------|------------------------------|-----------|-------|--|--|
| | | | | DARY 7 290-07 (So | 0 | | | | | | | |
| | | | 112442 | | iiu) | | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | | |
| | | | Cardina | al Laborat | tories | | | | | | | |
| Inorganic Compounds | | | | | | | | | | | | |
| Chloride | 64.0 | | 16.0 | mg/kg | 4 | 4071910 | CT | 19-Jul-24 | 4500-Cl-B | | | |
| Volatile Organic Compounds | by EPA Method 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 | 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) | | 128 % | 71.5 | -134 | 4071808 | ЛН | 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 | | | |

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| BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | | Project Nu Project Mar | | 3/22,7/22/2 Brunson | 22,8/25/22 | ,2/25/23,: | Reported: 23-Jul-24 15:25 | | | | |
|--|---------------------|---------------------------|------------|------------------------|------------|------------|------------------------------|-----------|-------|--|--|
| | | | 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 | | | |

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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 | | | | | | | | | |
|--|--|-----|--------------------|------------|----------|---------|---------|-----------|-----------|-------|
| | | | | DARY 9 | 0 | | | | | |
| | | | H2442 | 290-09 (So | lid) | | | | | |
| 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 Compound | 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 | ЛН | 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 | |
| <u>Petroleum Hydrocarbons by</u> | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4071810 | ms | 18-Jul-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4071810 | ms | 18-Jul-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4071810 | ms | 18-Jul-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 100 % | 48.2 | -134 | 4071810 | ms | 18-Jul-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 100 % | 49.1- | -148 | 4071810 | ms | 18-Jul-24 | 8015B | |

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|--|--|-----|--------------------|---------------------|----------|---------|---------|-----------|-----------|-------|--|
| | | | 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 | | |

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| 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 | | | | | | | | | |
|--|--|------------------------|------------------------|----------|---------|---------|-----------|-----------|-------|--|
| | | | DARY 11 4290-11 (So | 0 | | | | | | |
| Analyte | Result | Reporting MDL Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | Cardii | nal 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 | [| | | | | | | | |
| 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) | 127 % | 5 71.5 | -134 | 4071808 | ЛН | 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 % | 6 48.2 | -134 | 4071810 | ms | 18-Jul-24 | 8015B | | |
| Surrogate: 1-Chlorooctadecane | | 90.5 % | <i>49.1</i> | -148 | 4071810 | ms | 18-Jul-24 | 8015B | | |

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|--|--|------------------------|-----------------------|----------|---------|---------|-----------|-----------|-------|--|
| | | | DARY 12 290-12 (So | 0 | | | | | | |
| 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 | 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) | 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 | | |

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| 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 | | | | | | | | | |
|--|--|------------------------|-----------------------|----------|---------|---------|-----------|-----------|-------|--|
| | | | DARY 13 290-13 (So | 0 | | | | | | |
| Analyte | Result N | 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 Compound | s by EPA Method 8021 | | | | | | | | | |
| Benzene* | < 0.050 | 0.050 | mg/kg | 50 | 4071808 | JH | 18-Jul-24 | 8021B | | |
| Toluene* | < 0.050 | 0.050 | mg/kg | 50 | 4071808 | JH | 18-Jul-24 | 8021B | | |
| Ethylbenzene* | < 0.050 | 0.050 | mg/kg | 50 | 4071808 | ЛН | 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 | 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 | | |

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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 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 | |

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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 15 290-15 (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 | s 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 | 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 | | | 99.0 % | 48.2 | -134 | 4071810 | ms | 18-Jul-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 99.9 % | 49.1 | -148 | 4071810 | ms | 18-Jul-24 | 8015B | |

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Celey D. Keene, Lab Director/Quality Manager



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|--|--|-----|--------------------|---------------------|----------|---------|---------|-----------|-----------|-------|
| | | | | 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 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 | 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 | |

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|--|--|-----|--------------------|---------------------|----------|---------|---------|-----------|-----------|-------|--|
| | | | BOUND H2442 | ARY 17 90-17 (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 | 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 | JH | 18-Jul-24 | 8021B | | |
| Surrogate: 4-Bromofluorobenzene (PI | 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 | | |

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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 18 90-18 (So | 0 | | | | | |
| 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 | 4071910 | CT | 19-Jul-24 | 4500-Cl-B | |
| Volatile Organic Compounds | 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) | | 96.5 % | 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 | | | 87.9 % | 48.2 | -134 | 4071810 | ms | 18-Jul-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 87.6 % | 49.1 | -148 | 4071810 | ms | 18-Jul-24 | 8015B | |

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|--|--|--------------|----------------|---------------------|----------|---------|---------|-----------|-----------|-------|
| | | I | | ARY 19 90-19 (So | 0 | | | | | |
| Analyte | Result | Rep MDL L | orting imit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardinal | l Laborat | tories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 64.0 | 1 | 6.0 | 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 | 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) | | 96.2 % | 71.5 | -134 | 4071816 | JH | 18-Jul-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | 1 | 0.0 | mg/kg | 1 | 4071810 | ms | 18-Jul-24 | 8015B | |
| DRO >C10-C28* | <10.0 | 1 | 0.0 | mg/kg | 1 | 4071810 | ms | 18-Jul-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | 1 | 0.0 | mg/kg | 1 | 4071810 | ms | 18-Jul-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 109 % | 48.2 | -134 | 4071810 | ms | 18-Jul-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 111 % | 49.1 | -148 | 4071810 | ms | 18-Jul-24 | 8015B | |

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|--|--|-----|--------------------|----------------------|------------|---------|---------|-----------|-----------|-------|
| | | | | ARY 20 290-20 (So | \bigcirc | | | | | |
| 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 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 | ЈН | 18-Jul-24 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PL | D) | | 97.0 % | 71.5 | -134 | 4071816 | JH | 18-Jul-24 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4071734 | MS | 18-Jul-24 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4071734 | MS | 18-Jul-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4071734 | MS | 18-Jul-24 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 75.3 % | 48.2 | -134 | 4071734 | MS | 18-Jul-24 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 80.1 % | 49.1 | -148 | 4071734 | MS | 18-Jul-24 | 8015B | |

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|--|---------------------|--|--------------------|-----------------------|------------|---------|------------------------------|-----------|-----------|-------|
| | | | | OARY 21 290-21 (So | \bigcirc | | | | | |
| | | | | | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | al Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 80.0 | | 16.0 | mg/kg | 4 | 4071910 | CT | 19-Jul-24 | 4500-Cl-B | |
| Volatile Organic Compounds | s 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 | 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 (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 % | 49.1 | -148 | 4071734 | MS | 18-Jul-24 | 8015B | |

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|--|--|-----|--------------------|-------|----------|------------------------------|---------|-----------|-----------|-------|--|
| BOUNDARY 22 @ 1' H244290-22 (Solid) | | | | | | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| Cardinal Laboratories | | | | | | | | | | | |
| Inorganic Compounds | | | | | | | | | | | |
| Chloride | 64.0 | | 16.0 | mg/kg | 4 | 4071905 | AC | 19-Jul-24 | 4500-Cl-B | | |
| Volatile Organic Compounds | by EPA Method 802 | 1 | | | | | | | | | |
| 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) | | 96.7 % | 71.5 | -134 | 4071816 | JH | 18-Jul-24 | 8021B | | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4071734 | MS | 18-Jul-24 | 8015B | | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 4071734 | MS | 18-Jul-24 | 8015B | | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4071734 | MS | 18-Jul-24 | 8015B | | |
| Surrogate: 1-Chlorooctane | | | 116 % | 48.2 | -134 | 4071734 | MS | 18-Jul-24 | 8015B | | |
| Surrogate: 1-Chlorooctadecane | | | 128 % | 49.1 | -148 | 4071734 | MS | 18-Jul-24 | 8015B | | |

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Celey D. Keene, Lab Director/Quality Manager



| BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | | | Reported: 23-Jul-24 15:25 |
|--|--|--|------------------------------|
|--|--|--|------------------------------|

Inorganic Compounds - Quality Control

| Cardinal Laboratories | | | | | | | | | | |
|------------------------------|--------|-----------|-------|------------|-----------|-----------|--------|------|-------|-------|
| | | 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 | | | | |
| Chloride | 432 | 16.0 | mg/kg | 400 | | | 80-120 | | | |

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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 | |

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| 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 & | Analyzed: | 19-Jul-24 | | | | |
| Chloride | 448 | 16.0 | mg/kg | 400 | | 112 | 80-120 | 3.64 | 20 | |

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| 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 | | | |
| | | | | | | | | | | |

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*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



| BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 | Project: CEDAR CANYO Project Number: 7/18/22,7/22/2 Project Manager: Cliff Brunson Fax To: (575) 397-0397 | 22,8/25/22,2/25/23,: 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 4071734 - General Prep - Organics | | | | | | | | | | |
| Blank (4071734-BLK1) | | | | Prepared: | 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-0. |
| Surrogate: 1-Chlorooctadecane | 74.1 | | mg/kg | 50.0 | | 148 | 49.1-148 | | | |
| LCS Dup (4071734-BSD1) | | | | Prepared: | 17-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-0. |
| Batch 4071809 - General Prep - Organics | | | | | | | | | | |
| Batch 40/1809 - General Prep - Organics Blank (4071809-BLK1) | | | | | Analyzed: | | | | | |

| Blank (4071809-BLK1) | | | | Prepared & Anal | yzed: 18-Jul-24 | | |
|-------------------------------|------|------|-------|-----------------|-----------------|----------|--|
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | |
| Surrogate: 1-Chlorooctane | 59.2 | | mg/kg | 50.0 | 118 | 48.2-134 | |
| Surrogate: 1-Chlorooctadecane | 59.0 | | mg/kg | 50.0 | 118 | 49.1-148 | |

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Celey D. Keene, Lab Director/Quality Manager



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

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|--------|--------------------|-------|----------------|------------------|--------------|----------------|------|--------------|--------|
| Batch 4071809 - General Prep - Organics | | | | 20101 | | , on the o | Linito | 10.0 | Linit | 110100 |
| LCS (4071809-BS1) | | | | Prepared 8 | analyzed: | 18 Jul 24 | | | | |
| GRO C6-C10 | 183 | 10.0 | mg/kg | 200 | e Anaryzeu. | 91.6 | 66.4-123 | | | |
| DRO >C10-C28 | 183 | 10.0 | mg/kg | 200 | | 91.0 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 & | k 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 | | | |

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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 | | | |

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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 6:10:00 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 0 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 10:10AM 10:05AM * 10:16AM 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

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

| | 0 | 10 | | | | | | |
|---|---|--|--|--|--------------------|--------------------------------|---------|------------|
| Company Maine. | | | BILL TO | 0 | | ANALYSIS | REQUEST | |
| | | P.O. #: | * | | | _ | | |
| Address: P.O. Box 805 | D. Box 805 | Com | Company: Oxy | | | | _ | |
| city: Hobbs | State: NM | Zip: 88241 Attn: | | | _ | | | |
| Phone #: 575-397-6388 | Fax #: | 575-397-0397 Address: | ress: | | _ | | | |
| Project #:+C | idar (augn 1) Froject Owner: Oxy | | | | _ | | | |
| Project Name: | SAND DUNESS COR | SH CTB (2/24/21) | a: Zip: | 0 | Q | | _ | |
| Project Location | New Mexico | Aling Phone #: | 10 #: | 0 | - | | | |
| Sampler Name: | * CLIFF BRUNSON | -Jej-1 Fax # | 77 | | | | | |
| FOR LAB USE ONLY | | MATRIX | ESERV. | SAMPLING | X | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: | | | BTE | | | |
| 1 | BOUNDARY 11@1' | 7 | 5 | = | 1 | | | |
| 1, | BOUNDARY 12@1' | | 7/16/24 | _ | 1. | | | |
| ū | BOUNDARY 13@1' | | 7/16/24 | 1 | | | | |
| 4 | BOUNDARY 14@1' | | 7/16/24 | 10:52AM | | _ | _ | |
| 5 | BOUNDARY 15@1' | | 7/16/24 | - | | | | |
| 6 | BOUNDARY 16@1' | | 7/16/24 | 11:10AM | • | | | |
| J | BOUNDARY 17@1 | | 7/16/24 | 11:20AM | () | | | |
| 5 | BOUNDARY 18@1' | | 7/16/24 | 11:30AM | • | | | |
| pl | BOUNDARY 19@1' | | 7/16/24 | 11:40AM | • | | | |
| LEASE NOTE: Liability and Dam nailyses. All claims including mos ervice. Is no event shall Cardonal | UNDARY 20@1' ages Cardina's liability and clique's exclusive rem is for negligience and any other cause whatsoever bacilities for increaceal or conservanted demonstra | edy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the shall be deemed waved unless made in writing and received by Caudinal writin 30 days after completion of the applicable shall be deemed waved unless made in writing and received by Caudinal writin 30 days after completion of the applicable shall be deemed waved unless made in writing and received by Caudinal writin 30 days after completion of the applicable shall be deemed waved unless made in writing and received by Caudinal writin 30 days after completion of the applicable shall be deemed waved unless made in writing and received by Caudinal writin 30 days after completion of the applicable shall be deemed waved unless made in writing and received by Caudinal writin 30 days after completion of the applicable shall be deemed waved unless made in writing and received by Caudinal writin 30 days after completion of the applicable shall be deemed waved unless made in writing and received by Caudinal writin 30 days after completion of the applicable shall be deemed waved unless made in writing and received by Caudinal writin 30 days after completion of the applicable shall be deemed waved unless made in writing and received by Caudinal writin 30 days after completion of the applicable shall be deemed waved unless made in the shall be applied by the sha | 7/16/24 all be limited to the amount by Cardinal within 30 days. | 24 11:51AM v sunt paid by the cliest for the ays after completion of the appli | cable | | | |
| Relinduished By | With a standard to the performance of Date; 182 | Received By: Broceived By: June Hunt Hunt | Con any of the above stated | Phone Result: Fax Result: REMARKS: | □ Yes □ □ Yes □ | Add'l Phone #: Add'l Fax #: | | • |
| Delivered By | Delivered By: (Circle One) | ADAMOP Sample Condition | CHECKED BY: | Date | Char | reference i nume + a | 1 IWING | e + que ou |
| Sampler - UPS | Sampler - UPS - Bus - Other: #105 | | (Initials) | | | 2/2.2 | tals | |

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| Company Name: BBC Ir | BBC International, Inc. | | BILL TO | | | | 21124 |
|---|---|---|---|--|---------|-------------|----------------|
| Project Manager: Cliff Brunson | runson | | P.O. #: | - | | ANALTSIS RE | REQUEST |
| Address: P.O. Box 805 | 5 | | Company: Oxy | | | | |
| city: Hobbs | State: NM | Zip: 88241 | | | | | _ |
| Phone #: 575-397-6388 | Fax #: | 575-397-0397 | Address: | | | | |
| Project # Vedar (a | edas Cauyon WFibrect Owner: Oxy | : Oxy | City: | 2 | | | |
| Project Name: SAND DUN | IN 122 TILLES CORRIDORN WITH | WIREOUSHCIE (22) | State: Zip: | le | | | |
| Sampler Name: CLIFF | CLIFF BRUNSON | +2/0/5 | Phone #: Fax #: | i | Г | | |
| FOR LAB USE ONLY | | MATRIX | PRESERV. SAMPLING | ING | XX | _ | |
| Lab I.D. Yzyuńn | Sample I.D. | (G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE | OTHER : ACID/BASE: CE / COOL OTHER : DATE | Chlor | BTE | | |
| Z) BOUNDA | BOUNDARY 21@1' | - | 5 71 | 12:05PM | ~ ~ | | |
| 22 BOUNDA | BOUNDARY 22@1' | < | 7116/24 | 12:11PM 🗸 | < | | |
| analyses. All claims including those for negligence and any other cause whatsoever shall be deened waved where you coursed or you, so are issued to the seminated by the claim(by the claim) service. If no event shall cardinal be hable for incredental or consequential damages, including without limitation, business anterruptions, loss of use, pupers of potitive scalar be table for incredental or consequential damages, including without limitation, business anterruptions, loss of use, pupers of potitive scalared by claim a terruption by the subsidiaries. attiliates or successing among out of or related to preventing any services hereunder by Cardinal related to where such claim is based years and of the above stated reasons or otherwise. Relinquished By . | the and any differ cause whatsoever shall be deemed waved unless modential or consequential damages, including without limitation, busin to Weetformance of services harecunder by Chronical regardless of your to the sector of the services harecunder by Chronical and the sector of the termination of the services harecunder by Chronical and the sector of the termination of the services harecunder by Chronical and the sector of the termination of the services harecunder by Chronical and the sector of the termination of the services harecunder by Chronical and the sector of the termination of the sector of the sector of the sector of the sector of the termination of the sector of the sector of the sector of the sector of the termination of the sector of the sector of the sector of the sector of the termination of the sector of the sector of the sector of the sector of the termination of the sector of the sector of the sector of the sector of the termination of the sector of the sector of the sector of the sector of the termination of the sector of the sector of the sector of the sector of the termination of the sector of the sector of the sector of the sector of the termination of the sector of the sector of the sector of the sector of the termination of the sector of the sector of the sector of the sector of the termination of the sector of the sector of the sector of the sector of the termination of the sector of the termination of the sector of the sector of the sector of the sector of the termination of the sector | emed waived unless made in writing and received without limitation, business interruptions, loss of use tithnal, regardless of writines such claim is based y | es or incorrectived by Creational within 30 days after completion of the and received by Creational within 30 days after completion of the rs. Loss of use, proposil profilm incorrect by client, its subsidiaries in its based upon loy of the above stated reasons or otherwise. | paid by the client for the after completion of the applicab by client, its subsidiaries, reasons or otherwise | ie | | |
| 4 20 | Time and with | Received By: | ma | Fax Result: REMARKS: | The INO | Add Fax #: | reated name of |
| Relivered By: (Circle One) Sampler - UPS - Bus - Other: | | Sample Condition Cool Intact | Initials) | | (| .0 | -7/23/2 |

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

#140

No No

B

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



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



| ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 | Project: CEDAR CANYON WT Project Number: 03B1417269 Project Manager: HADLIE GREEN Fax To: | F Reported: 30-Jan-25 17:01 |
|--|--|--------------------------------|
|--|--|--------------------------------|

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|------------|---------------|--------|-----------------|-----------------|
| SS 01 0.5' | H250463-01 | Soil | 23-Jan-25 12:17 | 27-Jan-25 11:44 |
| SS 02 0.5' | H250463-02 | Soil | 23-Jan-25 10:10 | 27-Jan-25 11:44 |
| SS 03 0.5' | H250463-03 | Soil | 23-Jan-25 12:21 | 27-Jan-25 11:44 |
| SS 04 0.5' | H250463-04 | Soil | 23-Jan-25 12:32 | 27-Jan-25 11:44 |
| SS 05 0.5' | H250463-05 | Soil | 23-Jan-25 10:37 | 27-Jan-25 11:44 |
| SS 06 0.5' | H250463-06 | Soil | 23-Jan-25 14:11 | 27-Jan-25 11:44 |
| SS 07 0.5' | H250463-07 | Soil | 23-Jan-25 10:19 | 27-Jan-25 11:44 |
| SS 08 0.5' | H250463-08 | Soil | 23-Jan-25 13:05 | 27-Jan-25 11:44 |

01/30/25 - Client changed the sample IDs (see COC). This is the revised report and will replace the one sent on 01/28/25.

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



| ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 | | | Project Num Project Mana | ber: 03B | | | | 3 | 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 | JH | 27-Jan-25 | 8021B | |
| Toluene* | < 0.050 | | 0.050 | mg/kg | 50 | 5012719 | JH | 27-Jan-25 | 8021B | |
| Ethylbenzene* | < 0.050 | | 0.050 | mg/kg | 50 | 5012719 | JH | 27-Jan-25 | 8021B | |
| Total Xylenes* | < 0.150 | | 0.150 | mg/kg | 50 | 5012719 | JH | 27-Jan-25 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 5012719 | JH | 27-Jan-25 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 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 | |

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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 | | | |
|--|-------------------|---|--------------------|-----------------------|----------|---------|---------|------------------------------|-----------|-------|--|
| | | | | 02 0.5' 463-02 (Se | oil) | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | | Cardina | l Laborat | tories | | | | | | |
| <u>Inorganic Compounds</u> Chloride | 288 | | 16.0 | mg/kg | 4 | 5012819 | HM | 28-Jan-25 | 4500-Cl-B | | |
| Volatile Organic Compounds | s 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 | 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 | ЛН | 27-Jan-25 | 8021B | | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 5012719 | ЛН | 27-Jan-25 | 8021B | | |
| Surrogate: 4-Bromofluorobenzene (PI | D) | | 123 % | 71.5 | -134 | 5012719 | ЈН | 27-Jan-25 | 8021B | | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 5012721 | MS | 28-Jan-25 | 8015B | | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 5012721 | MS | 28-Jan-25 | 8015B | | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 5012721 | MS | 28-Jan-25 | 8015B | | |
| Surrogate: 1-Chlorooctane | | | 97.4 % | 48.2 | -134 | 5012721 | MS | 28-Jan-25 | 8015B | | |
| Surrogate: 1-Chlorooctadecane | | | 98.4 % | 49.1 | -148 | 5012721 | MS | 28-Jan-25 | 8015B | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 | | | Project Num Project Mana | ber: 03B | | | | 3 | Reported: 30-Jan-25 17:0 | 01 |
|--|-----------------|-----|-----------------------------|-----------------------|----------|---------|---------|-----------|-----------------------------|-------|
| | | | | 03 0.5' 463-03 (Se | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | 272 | | 16.0 | mg/kg | 4 | 5012822 | KV | 28-Jan-25 | 4500-Cl-B | |
| Chloride | 272 | | 16.0 | mg/kg | 4 | 5012822 | ΚV | 28-Jan-25 | 4500-CI-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 (PII |)) | | 125 % | 71.5 | -134 | 5012719 | ЛН | 27-Jan-25 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 5012721 | MS | 28-Jan-25 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 5012721 | MS | 28-Jan-25 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 5012721 | MS | 28-Jan-25 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 89.7 % | 48.2 | -134 | 5012721 | MS | 28-Jan-25 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 89.1 % | 49.1 | -148 | 5012721 | MS | 28-Jan-25 | 8015B | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 | | | Project Num Project Mana | ber: 03B | | | | 3 | Reported: 30-Jan-25 17: | 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 | |

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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 | | | |
|--|---------|---|--------------------|-----------------------|----------|---------|---------|------------------------------|-----------|-------|--|
| | | | | 05 0.5' 463-05 (Se | oil) | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | | Cardina | l Laborat | tories | | | | | | |
| Inorganic Compounds | 64.0 | | 16.0 | mg/kg | 4 | 5012822 | KV | 28-Jan-25 | 4500-Cl-B | | |
| Chloride | | | 10.0 | iiig/kg | 4 | 3012822 | ΚV | 28-Jan-23 | 4500-CI-B | | |
| 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) | | 121 % | 71.5 | -134 | 5012719 | JH | 27-Jan-25 | 8021B | | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 5012721 | MS | 28-Jan-25 | 8015B | | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 5012721 | MS | 28-Jan-25 | 8015B | | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 5012721 | MS | 28-Jan-25 | 8015B | | |
| Surrogate: 1-Chlorooctane | | | 102 % | 48.2 | -134 | 5012721 | MS | 28-Jan-25 | 8015B | | |
| Surrogate: 1-Chlorooctadecane | | | 101 % | 49.1 | -148 | 5012721 | MS | 28-Jan-25 | 8015B | | |

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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: | | | | | | | 3 | 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 b | y 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 | JH | 27-Jan-25 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 122 % | 71.5 | -134 | 5012719 | ЈН | 27-Jan-25 | 8021B | |
| Petroleum Hydrocarbons by G | C FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 5012721 | MS | 28-Jan-25 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 5012721 | MS | 28-Jan-25 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 5012721 | MS | 28-Jan-25 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 90.6 % | 48.2 | -134 | 5012721 | MS | 28-Jan-25 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 89.8 % | 49.1 | -148 | 5012721 | MS | 28-Jan-25 | 8015B | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 | | | Project Num Project Mana | ber: 03B | | | | 3 | Reported: 30-Jan-25 17: | 01 |
|--|-----------------|-----|-----------------------------|-----------------------|----------|---------|---------|-----------|----------------------------|-------|
| | | | | 07 0.5' 163-07 (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 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 | ЛН | 27-Jan-25 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 5012719 | ЈН | 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 | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 | | | Project Num Project Mana | ber: 03B | | | | 3 | Reported: 30-Jan-25 17:0 | 01 |
|--|-----------------|------|-----------------------------|-----------------------|----------|---------|---------|-----------|-----------------------------|-------|
| | | | | 08 0.5' 463-08 (Se | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| <u>Inorganic Compounds</u> 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 | JH | 27-Jan-25 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PIL |)) | | 123 % | 71.5 | -134 | 5012719 | ЛН | 27-Jan-25 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 5012721 | MS | 28-Jan-25 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 5012721 | MS | 28-Jan-25 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 5012721 | MS | 28-Jan-25 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 106 % | 48.2 | -134 | 5012721 | MS | 28-Jan-25 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 104 % | 49.1 | -148 | 5012721 | MS | 28-Jan-25 | 8015B | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 | Project: C Project Number: 0 Project Manager: H Fax To: | | Reported: 30-Jan-25 17:01 |
|--|--|--|------------------------------|
|--|--|--|------------------------------|

Inorganic Compounds - Quality Control

Cardinal Laboratories

| | | Reporting | | Spike | Source | | %REC | | RPD | |
|------------------------------|--------|-----------|-------|------------|-------------|-----------|--------|------|-------|-------|
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |
| Batch 5012819 - 1:4 DI Water | | | | | | | | | | |
| Blank (5012819-BLK1) | | | | Prepared & | & Analyzed: | 28-Jan-25 | | | | |
| Chloride | ND | 16.0 | mg/kg | | | | | | | |
| LCS (5012819-BS1) | | | | Prepared & | & Analyzed: | 28-Jan-25 | | | | |
| Chloride | 432 | 16.0 | mg/kg | 400 | | 108 | 80-120 | | | |
| LCS Dup (5012819-BSD1) | | | | Prepared & | & Analyzed: | 28-Jan-25 | | | | |
| Chloride | 432 | 16.0 | mg/kg | 400 | | 108 | 80-120 | 0.00 | 20 | |
| Batch 5012822 - 1:4 DI Water | | | | | | | | | | |
| Blank (5012822-BLK1) | | | | Prepared & | & Analyzed: | 28-Jan-25 | | | | |
| Chloride | ND | 16.0 | mg/kg | | | | | | | |
| LCS (5012822-BS1) | | | | Prepared 8 | & Analyzed: | 28-Jan-25 | | | | |
| Chloride | 416 | 16.0 | mg/kg | 400 | | 104 | 80-120 | | | |
| LCS Dup (5012822-BSD1) | | | | Prepared 8 | & Analyzed: | 28-Jan-25 | | | | |
| Chloride | 416 | 16.0 | mg/kg | 400 | | 104 | 80-120 | 0.00 | 20 | |
| | | | | | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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|--|--|--|------------------------------|
|--|--|--|------------------------------|

Volatile Organic Compounds by EPA Method 8021 - Quality Control

| Cardinal Laboratories | Caro | linal | Labo | rato | ories |
|------------------------------|------|-------|------|------|-------|
|------------------------------|------|-------|------|------|-------|

| | | 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 | | | |
| | | | | | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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|--|--|--|------------------------------|
|--|--|--|------------------------------|

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 | | | |

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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 |

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Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| Company Name: Ensolum, LLC | | BILLES | |
|--|---|---|---|
| Project Manager: Hadlie Green | | PO # | ANALYSIS REQUEST |
| Address: 601 N. Marienfeld St. STE | STE 400 | | |
| City: Midland | State: TX Zip: 79701 | Atta: Wade Dittach | |
| Phone #: 432-557-8895 | Fax #: | 8 | |
| Project #: 0381417269 | Project Owner: | Cito: | |
| Project Name: Cedon Con | Common WTF | City: | |
|)n: | | | |
| 2 | 2 | Phone #: 575-390-2828 | 2 |
| FOR LAB USE ONLY | Adernoto | Fax #: | 500 |
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| PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim analyses. All claims including those for negligence and any other cause whatsoever shall be deemed service. In no event shall Cardinal to lable to include the includence of the service. | PEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount pad by the client for the service. In no event shall Cardinal to liability and other cause whatsoever shall be deemed waived unless made in writing and received to the amount pad by the client for the service. In no event shall Cardinal to liability and other cause whatsoever shall be deemed waived unless made in writing and received to the amount pad by the client for the | fort, shall be limited to the amount paid by the client for the | |
| affliates or successors arising out of or related to the performance Relinquished By: | atfinities or successors arising out of or related to the performance of senices hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Relinquished By: Date: Verbal Received By: Verbal Received By: | pplicable | |
| Cluwall Adermoto Relinguished BY: | 1. | All Results are emailed. Pla BJennings@ensolum.com | All Results are emailed. Please provide Email address: BJennings@ensolum.com |
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| Delivered By: (Circle One) | Observed Temp. CZ. 0 Sample Condition | CHECKED BY | |
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| COMPOUNT 3.2 IUUUI/21 | t Cardinal cannot accept verbal chang | Cardinal cannot accept verbal changes. Please email changes to celev keene@cardinaliahorm com | Cardinallahermoor |
| | | correction changes to celey.keene(| |

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

QUESTIONS

Action 429733

| QUESTIONS | |
|-----------------------|--|
| Operator: | OGRID: |
| OXY USA INC | 16696 |
| P.O. Box 4294 | Action Number: |
| Houston, TX 772104294 | 429733 |
| | Action Type: [C-141] Site Char /Remediation Plan C-141 /C-141-v-Plan) |

QUESTIONS

| Prerequisites | |
|-------------------|---|
| Incident ID (n#) | nAPP2306952144 |
| Incident Name | NAPP2306952144 CEDAR CANYON 15 1 WATER TREATMENT FACILITY @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Remediation Plan Received |
| Incident Facility | [fBGB1922049166] CEDAR CANYON RECYCLING FACILITY A AND B |
| L | |

Location of Release Source

| Please answer all the questions in this group. |
|--|
|--|

| Site Name | CEDAR CANYON 15 1 WATER TREATMENT FACILITY |
|-------------------------|--|
| Date Release Discovered | 02/25/2023 |
| 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 Other (Specify) Produced Water Released: 120 BBL Recovered: 110 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) | Level indicator failure at Water Treatment Facility | |

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| Page 3 | 340 a | of 345 |
|--------|-------|--------|
|--------|-------|--------|

QUESTIONS, Page 2

Action 429733

| QUESTIONS (continued) | |
|-----------------------|--|
| Operator: | OGRID: |
| OXY USA INC | 16696 |
| P.O. Box 4294 | Action Number: |
| Houston, TX 772104294 | 429733 |
| | 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 | Yes | |
| Reasons why this would be considered a submission for a notification of a major release | From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more. | |
| With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form. | | |

| Initial Response | | |
|--|--|--|
| The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury. | | |
| The source of the release has been stopped | 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 | |
| | Not answered. Iation 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 Subnaragraph (a) of Paragraph (5) of | |
| actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission. | | |
| | | |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. | | |
| 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 | |

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

Page 341 of 345

QUESTIONS, Page 3

Action 429733

| Operator: | OGRID: | |
|---|--|--|
| OXY USA INC P.O. Box 4294 Houston, TX 772104294 | 16696 | |
| | Action Number: | |
| | 429733 | |
| | 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. | | |
| With a the shell are a down to be a many short to be a start to be a second structure of the start of the start | | |

QUESTIONS (continued)

| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Less than or equal 25 (ft.) |
|--|--------------------------------------|
| What method was used to determine the depth to ground water | Direct Measurement |
| Did this release impact groundwater or surface water | No |
| What is the minimum distance, between the closest lateral extents of the release ar | nd the following surface areas: |
| A continuously flowing watercourse or any other significant watercourse | Between 1000 (ft.) and ½ (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Between 1 and 5 (mi.) |
| An occupied permanent residence, school, hospital, institution, or church | Between 1 and 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Between 1 and 5 (mi.) |
| Any other fresh water well or spring | Between 1 and 5 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Between 1 and 5 (mi.) |
| A wetland | Between 1000 (ft.) and ½ (mi.) |
| A subsurface mine | Greater than 5 (mi.) |
| An (non-karst) unstable area | Zero feet, overlying, or within area |
| Categorize the risk of this well / site being in a karst geology | Medium |
| A 100-year floodplain | Zero feet, overlying, or within area |
| Did the release impact areas not on an exploration, development, production, or storage site | No |

Remediation Plan

| Please answer all the questions ti | hat 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 de | monstrating the lateral and vertical extents of soil contamination | n associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC. |
| Have the lateral and vertica | al extents of contamination been fully delineated | Yes |
| Was this release entirely c | ontained within a lined containment area | No |
| Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.) | | |
| Chloride | (EPA 300.0 or SM4500 CI B) | 80800 |
| TPH (GRO+DRO+MRO) | (EPA SW-846 Method 8015M) | 45646 |
| GRO+DRO | (EPA SW-846 Method 8015M) | 37436 |
| BTEX | (EPA SW-846 Method 8021B or 8260B) | 0 |
| Benzene | (EPA SW-846 Method 8021B or 8260B) | 0 |
| | NMAC unless the site characterization report includes completed nelines for beginning and completing the remediation. | d efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC |
| On what estimated date with | ill the remediation commence | 02/15/2025 |
| On what date will (or did) t | he 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 surfa | ace area (in square feet) that will be reclaimed | 58430 |
| What is the estimated volu | me (in cubic yards) that will be reclaimed | 8650 |
| What is the estimated surfa | ace area (in square feet) that will be remediated | 58430 |
| What is the estimated volu | me (in cubic yards) that will be remediated | 8650 |
| These estimated dates and measu | rements are recognized to be the best guess or calculation at th | e 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.

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

| QUESTI | ONS (continued) | |
|--|--|--|
| Operator: OXY USA INC P.O. Box 4294 | OGRID: 16696 Action Number: | |
| Houston, TX 772104294 | 429733 | |
| | 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 | e 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 ef 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 releat 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.

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Action 429733

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

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QUESTIONS, Page 5

Action 429733

| QUESTIONS (continued) | | |
|--|--|--|
| Operator: | OGRID: | |
| OXY USA INC | 16696 | |
| P.O. Box 4294 Houston, TX 772104294 | Action Number: | |
| | 429733 | |
| | Action Type: | |
| | [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) | |
| OUESTIONS | | |

| Deferral | Requests | Only |
|----------|----------|------|

| bolonia nequeete eniy | | | |
|--|----|--|--|
| 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 | | |

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| QUESTIONS (continued) | | | |
|--|--|--|--|
| Operator: OXY USA INC | OGRID: 16696 | | |
| P.O. Box 4294 Houston, TX 772104294 | Action Number: 429733 | | |
| | Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) | | |
| QUESTIONS | | | |
| Sampling Event Information | | | |
| Last sampling notification (C-141N) recorded | {Unavailable.} | | |

Remediation Closure Request

| Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed. | | | |
|--|----|--|--|
| Requesting a remediation closure approval with this submission | No | | |

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

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|------|-----|--------|--|
| | | | |

CONDITIONS

Action 429733

| CONDITIONS | | | |
|-----------------------|--|--|--|
| Operator: | OGRID: | | |
| OXY USA INC | 16696 | | |
| P.O. Box 4294 | Action Number: | | |
| Houston, TX 772104294 | 429733 | | |
| | Action Type: | | |
| | [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) | | |

| CONDITIONS | | | | |
|------------|----------------|---|-------------------|--|
| | Created By | Condition | Condition Date | |
| | crystal.walker | Remediation Plan approved with variance request to complete excavation and soil sampling activities within 180 days of 2/10/2025. Remediation complete date is 8/10/2025 with closure report due on 9/10/2025 | 2/10/2025 | |