

## Closure Report

### ID #nAB1722641022

#### Site Description

|                    |                               |
|--------------------|-------------------------------|
| Site Name:         | CEDAR CANYON 21 5 H           |
| Company:           | Oxy, Permian                  |
| Legal Description: | U/L M, Section 22, T24S, R29E |
| County:            | Eddy County, NM               |
| GPS Coordinates:   | N 32.20137, W-103.97434       |

#### Release Data

|                    |                                  |
|--------------------|----------------------------------|
| Date of Release:   | 7/13/2017                        |
| Type of Release:   | Oil                              |
| Source of Release: | 6 inch steel production oil line |
| Volume of Release: | 6 bbls                           |
| Volume Recovered:  | 0 bbls                           |

#### Remediation Specifications

|                         |  |  |
|-------------------------|--|--|
| Remediation Parameters: | This site is listed on the Agreed Compliance Order of 4/5/19. This site had previously been remediated but no paperwork existed for verification therefore, OXY performed confirmation sampling to verify remediation limits had been met. The enclosed site diagram depicts the spill area, excavation depths, and the confirmation sample points. OXY collected sidewall and bottom confirmation samples every 200 square feet . |  |
| Remediation Activities: |  |  |

|                       |  |  |
|-----------------------|--|--|
| Plan Sent to OCD:     |  |  |
| OCD Approval of Plan: |  |  |
| Plan Sent to BLM:     |  |  |
| BLM Approval of Plan: |  |  |

#### Supporting Documentation

|                      |  |  |
|----------------------|--|--|
| C-141, page 6        | signed and included  |  |
| Site Diagram         | Google Earth map with excavation depths & confirmation sample points |  |
| Pictures             | Remediation photos   |  |
| Lab Summary/Analysis | Confirmation lab summary/analysis report for 4/5/23,4/13/23          |  |
| Sample Notifiactions | 3/30/23,3/31/23  |  |

#### Request for Closure

|   |  |           |
|---|--|-----------|
| Based on the completion of the remediation, OXY requests closure approval from the NMOCD. |  |           |
| Cliff Brunson, President of BBC International Inc.  |  | 7/27/2023 |

Form C-141

Page 6

State of New Mexico  
Oil Conservation Division

|                |               |
|----------------|---------------|
| Incident ID    | nAB1722641022 |
| District RP    |               |
| Facility ID    |               |
| Application ID |               |

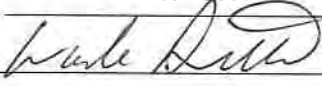
## Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

**Closure Report Attachment Checklist:** *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Wade Dittrich Title: Environmental Coordinator  
Signature:  Date: 7-26-23  
email: wade\_dittrich@oxy.com Telephone: (575) 390-2828

**OCD Only**

Received by: Jocelyn Harimon Date: 07/28/2023

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by:  Date: 08/08/2023  
Printed Name: Jocelyn Harimon Title: Environmental Specialist

**From:** [Enviro, OCD, EMNRD](#)  
**To:** [Cliff Brunson](#)  
**Cc:** [Bratcher, Michael, EMNRD](#); [Hamlet, Robert, EMNRD](#)  
**Subject:** RE: [EXTERNAL] OXY - Cedar Canyon 21 5H (nAB1722641022) - Sampling Notification  
**Date:** Friday, March 31, 2023 8:11:35 AM

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Cliff,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

**Jocelyn Harimon** • Environmental Specialist  
Environmental Bureau  
EMNRD - Oil Conservation Division  
1220 South St. Francis Drive | Santa Fe, NM 87505  
(505)469-2821 | [Jocelyn.Harimon@emnrd.nm.gov](mailto:Jocelyn.Harimon@emnrd.nm.gov)  
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



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**From:** Cliff Brunson <cbrunson@bbcinternational.com>  
**Sent:** Thursday, March 30, 2023 4:55 PM  
**To:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>  
**Cc:** 'Wade Dittrich' <Wade\_Dittrich@oxy.com>; Tyson Pierce <tyson\_pierce@oxy.com>; Kathy Sweeney <kathys@bbcinternational.com>; 'Jennifer Gilkey' <jgilkey@bbcinternational.com>  
**Subject:** [EXTERNAL] OXY - Cedar Canyon 21 5H (nAB1722641022) - Sampling Notification

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the Cedar Canyon 21 5H (nAB1722641022) (7/13/17) (ACO) on Wednesday, April 5 at 9:00 a.m.

Cliff P. Brunson, CEI, CRS  
President  
BBC International, Inc.  
World-Wide Environmental Specialists  
Mailing Address:  
P. O. Box 805  
Hobbs, NM 88241-0805 USA  
Shipping Address:  
1324 W. Marland St.  
Hobbs, NM 88240 USA  
Phone: (575) 397-6388

Fax: (575) 397-0397

E-Mail: [cbrunson@bbcinternational.com](mailto:cbrunson@bbcinternational.com)



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# OXY-CEDAR CANYON 21 5H

LEAK DATE 7/13/17  
ID #nAB1722641022  
EDDY CO , NM

## Legend

- 1' EXCAVATION
- BOTTOM CONFIRMATION SAMPLE POINTS
- Leak Area
- SIDEWALL CONFIRMATION SAMPLE POINTS



Google Earth



## OXY-CEDAR CANYON 21 5H (7/13/17) SAMPLE DATE 4/5/23

## BOTTOM SAMPLE POINTS

|          |            |              |
|----------|------------|--------------|
| BS 1@1'  | N 32.19970 | W -103.97676 |
| BS 2@1'  | N 32.19969 | W-103.97684  |
| BS 3@1'  | N 32.19971 | W-103.67689  |
| BS 4@1'  | N 32.19973 | W-103.67694  |
| BS 5@1'  | N 32.19974 | W-103.97700  |
| BS 6@1'  | N 32.19976 | W-103.97704  |
| BS 7@1'  | N 32.19970 | W-103.97713  |
| BS 8@1'  | N 32.19970 | W-103.97716  |
| BS 9@1'  | N 32.19971 | W-103.97721  |
| BS 10@1' | N 32.19970 | W-103.97706  |
| BS 11@1' | N 32.19984 | W-103.97696  |
| BS 12@1' | N 32.19968 | W-103.97704  |
| BS 13@1' | N 32.19962 | W-103.97697  |
| BS 14@1' | N 32.19962 | W-103.97707  |
| BS 15@1' | N 32.19955 | W-103.97709  |
| BS 16@1' | N 32.19953 | W-103.97600  |
| BS 17@1' | N 32.19954 | W-103.97705  |
| BS 18@1' | N 32.19955 | W-103.97714  |

## SIDEWALL SAMPLE POINTS

|      |            |             |
|------|------------|-------------|
| SW 1 | N 32.19971 | W-103.97679 |
| SW 2 | N 32.19975 | W-103.97707 |
| SW 3 | N 32.19962 | W-103.97693 |
| SW 4 | N 32.19956 | W-103.97713 |

|               | Sample ID | BS 1@1' | BS 2@1' | BS 3@1' | BS 4@1' | BS 5@1' | BS 6@1' | BS 7@1' | BS 8@1' | BS 9@1' | BS 10 @2' | BS 11 @1' | BS 12 @1' | BS 13 @1' | BS 14 @1' | BS 15@1' | BS 16@1' | BS 17@1' | BS 18 @1' |
|---------------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|-----------|
| Analyte       | Date      | 4/5/23  | 4/5/23  | 4/5/23  | 4/5/23  | 4/5/23  | 4/5/23  | 4/5/23  | 4/5/23  | 4/5/23  | 4/5/23    | 4/5/23    | 4/5/23    | 4/5/23    | 4/5/23    | 4/5/23   | 4/5/23   | 4/5/23   | 4/5/23    |
|               |           | mg/kg   | mg/kg   | mg/kg   | mg/kg   | mg/kg   | mg/kg   | mg/kg   | mg/kg   | mg/kg   | mg/kg     | mg/kg     | mg/kg     | mg/kg     | mg/kg     | mg/kg    | mg/kg    | mg/kg    | mg/kg     |
| Benzene       |           | <0.050  | <0.050  | <0.050  | <0.050  | <0.050  | <0.050  | <0.050  | <0.050  | <0.050  | <0.050    | <0.050    | <0.050    | <0.050    | <0.050    | <0.050   | <0.050   | <0.050   | <0.050    |
| Toluene       |           | <0.050  | <0.050  | <0.050  | <0.050  | <0.050  | <0.050  | <0.050  | <0.050  | <0.050  | <0.050    | <0.050    | <0.050    | <0.050    | <0.050    | <0.050   | <0.050   | <0.050   | <0.050    |
| Ethylbenzene  |           | <0.050  | <0.050  | <0.050  | <0.050  | <0.050  | <0.050  | <0.050  | <0.050  | <0.050  | <0.050    | <0.050    | <0.050    | <0.050    | <0.050    | <0.050   | <0.050   | <0.050   | <0.050    |
| Total Xylenes |           | <0.150  | <0.150  | <0.150  | <0.150  | <0.150  | <0.150  | <0.150  | <0.150  | <0.150  | <0.150    | <0.150    | <0.150    | <0.150    | <0.150    | <0.150   | <0.150   | <0.150   | <0.150    |
| Total BTEX    |           | <0.300  | <0.300  | <0.300  | <0.300  | <0.300  | <0.300  | <0.300  | <0.300  | <0.300  | <0.300    | <0.300    | <0.300    | <0.300    | <0.300    | <0.300   | <0.300   | <0.300   | <0.300    |
| Chloride      |           | 224.0   | 160.0   | 208.0   | 160.0   | 208.0   | 208.0   | 224.0   | 208.0   | 192.0   | 160.0     | 240.0     | 144.0     | 144.0     | 160.0     | 112.0    | 128.0    | 176.0    | 144.0     |
| GRO           |           | <10.0   | <10.0   | <10.0   | <10.0   | <10.0   | <10.0   | <10.0   | <10.0   | <10.0   | <10.0     | <10.0     | <10.0     | <10.0     | <10.0     | <10.0    | <10.0    | <10.0    | <10.0     |
| DRO           |           | <10.0   | <10.0   | 11.1    | <10.0   | <10.0   | <10.0   | <10.0   | <16.0   | <10.0   | <10.0     | <10.0     | <10.0     | <10.0     | <10.0     | <10.0    | <10.0    | <10.0    | <10.0     |
| EXT DRO       |           | <10.0   | <10.0   | <10.0   | <10.0   | <10.0   | <10.0   | <10.0   | <10.0   | <10.0   | <10.0     | <10.0     | <10.0     | <10.0     | <10.0     | <10.0    | <10.0    | <10.0    | <10.0     |

|               | Sample ID | SW 1   | SW 2   | SW 3   | SW 4   |
|---------------|-----------|--------|--------|--------|--------|
| Analyte       | Date      | 4/5/23 | 4/5/23 | 4/5/23 | 4/5/23 |
|               |           | mg/kg  | mg/kg  | mg/kg  | mg/kg  |
| Benzene       |           | <0.050 | <0.050 | <0.050 | <0.050 |
| Toluene       |           | <0.050 | <0.050 | <0.050 | <0.050 |
| Ethylbenzene  |           | <0.050 | <0.050 | <0.050 | <0.050 |
| Total Xylenes |           | <0.150 | <0.150 | <0.150 | <0.150 |
| Total BTEX    |           | <0.300 | <0.300 | <0.300 | <0.300 |
| Chloride      |           | 128.0  | 144.0  | 128.0  | 224.0  |
| GRO           |           | <10.0  | <10.0  | <10.0  | <10.0  |
| DRO           |           | <10.0  | <10.0  | <10.0  | <10.0  |
| EXT DRO       |           | <10.0  | <10.0  | <10.0  | <10.0  |





OXY-CEDAR CANYON 21 5H (7/18/17)







OXY-CEDAR CANYON 21 5H (7/18/17)





OXY-CEDAR CANYON 21 5H (7/18/17)





OXY-CEDAR CANYON 21 5H (7/18/17)







OXY-CEDAR CANYON 21 5H (7/18/17)







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

---

April 13, 2023

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CEDAR CANYON 21 5H (7/13/17)

Enclosed are the results of analyses for samples received by the laboratory on 04/06/23 16:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' at the beginning.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 04/06/2023                   | Sampling Date:      | 04/05/2023     |
| Reported:         | 04/13/2023                   | Sampling Type:      | Soil           |
| Project Name:     | CEDAR CANYON 21 5H (7/13/17) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                   | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO             |                     |                |

**Sample ID: BOTTOM SAMPLE 1 @ 1' (H231656-01)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 04/13/2023 | ND              | 1.90 | 94.8       | 2.00          | 1.85 |           |
| Toluene*       | <0.050 | 0.050           | 04/13/2023 | ND              | 1.94 | 96.9       | 2.00          | 2.03 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 04/13/2023 | ND              | 2.08 | 104        | 2.00          | 2.51 |           |
| Total Xylenes* | <0.150 | 0.150           | 04/13/2023 | ND              | 6.27 | 104        | 6.00          | 3.08 |           |
| Total BTX      | <0.300 | 0.300           | 04/13/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 224    | 16.0            | 04/12/2023 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 04/12/2023 | ND              | 188 | 94.0       | 200           | 1.99  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 04/12/2023 | ND              | 194 | 97.2       | 200           | 0.957 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 04/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.8 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 04/06/2023                   | Sampling Date:      | 04/05/2023     |
| Reported:         | 04/13/2023                   | Sampling Type:      | Soil           |
| Project Name:     | CEDAR CANYON 21 5H (7/13/17) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                   | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO             |                     |                |

**Sample ID: BOTTOM SAMPLE 2 @ 1' (H231656-02)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 04/13/2023 | ND              | 1.90 | 94.8       | 2.00          | 1.85 |           |  |
| Toluene*       | <0.050 | 0.050           | 04/13/2023 | ND              | 1.94 | 96.9       | 2.00          | 2.03 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 04/13/2023 | ND              | 2.08 | 104        | 2.00          | 2.51 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 04/13/2023 | ND              | 6.27 | 104        | 6.00          | 3.08 |           |  |
| Total BTEx     | <0.300 | 0.300           | 04/13/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 160    | 16.0            | 04/12/2023 | ND              | 416 | 104        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 04/12/2023 | ND              | 188 | 94.0       | 200           | 1.99  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 04/12/2023 | ND              | 194 | 97.2       | 200           | 0.957 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 04/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 73.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.4 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 04/06/2023                   | Sampling Date:      | 04/05/2023     |
| Reported:         | 04/13/2023                   | Sampling Type:      | Soil           |
| Project Name:     | CEDAR CANYON 21 5H (7/13/17) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                   | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO             |                     |                |

**Sample ID: BOTTOM SAMPLE 3 @ 1' (H231656-03)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 04/13/2023 | ND              | 1.90 | 94.8       | 2.00          | 1.85 |           |  |
| Toluene*       | <0.050 | 0.050           | 04/13/2023 | ND              | 1.94 | 96.9       | 2.00          | 2.03 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 04/13/2023 | ND              | 2.08 | 104        | 2.00          | 2.51 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 04/13/2023 | ND              | 6.27 | 104        | 6.00          | 3.08 |           |  |
| Total BTX      | <0.300 | 0.300           | 04/13/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 208    | 16.0            | 04/12/2023 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 04/12/2023 | ND              | 188 | 94.0       | 200           | 1.99  |           |
| DRO >C10-C28*    | 11.1   | 10.0            | 04/12/2023 | ND              | 194 | 97.2       | 200           | 0.957 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 04/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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

**Analytical Results For:**

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

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 04/06/2023                   | Sampling Date:      | 04/05/2023     |
| Reported:         | 04/13/2023                   | Sampling Type:      | Soil           |
| Project Name:     | CEDAR CANYON 21 5H (7/13/17) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                   | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO             |                     |                |

**Sample ID: BOTTOM SAMPLE 4 @ 1' (H231656-04)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 1.95 | 97.7       | 2.00          | 5.88 |           |  |
| Toluene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 2.10 | 105        | 2.00          | 6.86 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 04/13/2023 | ND               | 2.07 | 103        | 2.00          | 7.77 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 04/13/2023 | ND               | 6.46 | 108        | 6.00          | 7.22 |           |  |
| Total BTEx     | <0.300 | 0.300           | 04/13/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 160    | 16.0            | 04/12/2023 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 04/12/2023 | ND              | 188 | 94.0       | 200           | 1.99  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 04/12/2023 | ND              | 194 | 97.2       | 200           | 0.957 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 04/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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 Fax To: (575) 397-0397

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 04/06/2023                   | Sampling Date:      | 04/05/2023     |
| Reported:         | 04/13/2023                   | Sampling Type:      | Soil           |
| Project Name:     | CEDAR CANYON 21 5H (7/13/17) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                   | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO             |                     |                |

**Sample ID: BOTTOM SAMPLE 5 @ 1' (H231656-05)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 1.95 | 97.7       | 2.00          | 5.88 |           |  |
| Toluene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 2.10 | 105        | 2.00          | 6.86 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 04/13/2023 | ND               | 2.07 | 103        | 2.00          | 7.77 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 04/13/2023 | ND               | 6.46 | 108        | 6.00          | 7.22 |           |  |
| Total BTX      | <0.300 | 0.300           | 04/13/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 208    | 16.0            | 04/12/2023 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 04/12/2023 | ND              | 188 | 94.0       | 200           | 1.99  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 04/12/2023 | ND              | 194 | 97.2       | 200           | 0.957 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 04/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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 Fax To: (575) 397-0397

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 04/06/2023                   | Sampling Date:      | 04/05/2023     |
| Reported:         | 04/13/2023                   | Sampling Type:      | Soil           |
| Project Name:     | CEDAR CANYON 21 5H (7/13/17) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                   | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO             |                     |                |

**Sample ID: BOTTOM SAMPLE 6 @ 1' (H231656-06)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 1.95 | 97.7       | 2.00          | 5.88 |           |  |
| Toluene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 2.10 | 105        | 2.00          | 6.86 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 04/13/2023 | ND               | 2.07 | 103        | 2.00          | 7.77 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 04/13/2023 | ND               | 6.46 | 108        | 6.00          | 7.22 |           |  |
| Total BTX      | <0.300 | 0.300           | 04/13/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 208    | 16.0            | 04/12/2023 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 04/12/2023 | ND              | 179 | 89.7       | 200           | 13.6 | QM-07     |
| DRO >C10-C28*    | <10.0  | 10.0            | 04/12/2023 | ND              | 188 | 93.8       | 200           | 12.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 04/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

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|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 04/06/2023                   | Sampling Date:      | 04/05/2023     |
| Reported:         | 04/13/2023                   | Sampling Type:      | Soil           |
| Project Name:     | CEDAR CANYON 21 5H (7/13/17) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                   | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO             |                     |                |

**Sample ID: BOTTOM SAMPLE 7 @ 1' (H231656-07)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 1.95 | 97.7       | 2.00          | 5.88 |           |  |
| Toluene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 2.10 | 105        | 2.00          | 6.86 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 04/13/2023 | ND               | 2.07 | 103        | 2.00          | 7.77 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 04/13/2023 | ND               | 6.46 | 108        | 6.00          | 7.22 |           |  |
| Total BTEx     | <0.300 | 0.300           | 04/13/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 224    | 16.0            | 04/12/2023 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 04/12/2023 | ND              | 179 | 89.7       | 200           | 13.6 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 04/12/2023 | ND              | 188 | 93.8       | 200           | 12.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 04/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 04/06/2023                   | Sampling Date:      | 04/05/2023     |
| Reported:         | 04/13/2023                   | Sampling Type:      | Soil           |
| Project Name:     | CEDAR CANYON 21 5H (7/13/17) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                   | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO             |                     |                |

**Sample ID: BOTTOM SAMPLE 8 @ 1' (H231656-08)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 1.95 | 97.7       | 2.00          | 5.88 |           |  |
| Toluene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 2.10 | 105        | 2.00          | 6.86 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 04/13/2023 | ND               | 2.07 | 103        | 2.00          | 7.77 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 04/13/2023 | ND               | 6.46 | 108        | 6.00          | 7.22 |           |  |
| Total BTEx     | <0.300 | 0.300           | 04/13/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 208    | 16.0            | 04/12/2023 | ND              | 416 | 104        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 04/12/2023 | ND              | 179 | 89.7       | 200           | 13.6 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 04/12/2023 | ND              | 188 | 93.8       | 200           | 12.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 04/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 49.1-148

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|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 04/06/2023                   | Sampling Date:      | 04/05/2023     |
| Reported:         | 04/13/2023                   | Sampling Type:      | Soil           |
| Project Name:     | CEDAR CANYON 21 5H (7/13/17) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                   | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO             |                     |                |

**Sample ID: BOTTOM SAMPLE 9 @ 1' (H231656-09)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 1.95 | 97.7       | 2.00          | 5.88 |           |  |
| Toluene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 2.10 | 105        | 2.00          | 6.86 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 04/13/2023 | ND               | 2.07 | 103        | 2.00          | 7.77 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 04/13/2023 | ND               | 6.46 | 108        | 6.00          | 7.22 |           |  |
| Total BTEx     | <0.300 | 0.300           | 04/13/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 192    | 16.0            | 04/12/2023 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 04/12/2023 | ND              | 179 | 89.7       | 200           | 13.6 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 04/12/2023 | ND              | 188 | 93.8       | 200           | 12.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 04/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 49.1-148

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

**Analytical Results For:**

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

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 04/06/2023                   | Sampling Date:      | 04/05/2023     |
| Reported:         | 04/13/2023                   | Sampling Type:      | Soil           |
| Project Name:     | CEDAR CANYON 21 5H (7/13/17) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                   | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO             |                     |                |

**Sample ID: BOTTOM SAMPLE 10 @ 1' (H231656-10)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 1.95 | 97.7       | 2.00          | 5.88 |           |  |
| Toluene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 2.10 | 105        | 2.00          | 6.86 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 04/13/2023 | ND               | 2.07 | 103        | 2.00          | 7.77 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 04/13/2023 | ND               | 6.46 | 108        | 6.00          | 7.22 |           |  |
| Total BTX      | <0.300 | 0.300           | 04/13/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 160    | 16.0            | 04/12/2023 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 04/12/2023 | ND              | 179 | 89.7       | 200           | 13.6 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 04/12/2023 | ND              | 188 | 93.8       | 200           | 12.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 04/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 04/06/2023                   | Sampling Date:      | 04/05/2023     |
| Reported:         | 04/13/2023                   | Sampling Type:      | Soil           |
| Project Name:     | CEDAR CANYON 21 5H (7/13/17) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                   | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO             |                     |                |

**Sample ID: BOTTOM SAMPLE 11 @ 1' (H231656-11)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 1.95 | 97.7       | 2.00          | 5.88 |           |  |
| Toluene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 2.10 | 105        | 2.00          | 6.86 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 04/13/2023 | ND               | 2.07 | 103        | 2.00          | 7.77 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 04/13/2023 | ND               | 6.46 | 108        | 6.00          | 7.22 |           |  |
| Total BTX      | <0.300 | 0.300           | 04/13/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 240    | 16.0            | 04/12/2023 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 04/12/2023 | ND              | 179 | 89.7       | 200           | 13.6 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 04/12/2023 | ND              | 188 | 93.8       | 200           | 12.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 04/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

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|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 04/06/2023                   | Sampling Date:      | 04/05/2023     |
| Reported:         | 04/13/2023                   | Sampling Type:      | Soil           |
| Project Name:     | CEDAR CANYON 21 5H (7/13/17) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                   | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO             |                     |                |

**Sample ID: BOTTOM SAMPLE 12 @ 1' (H231656-12)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 1.95 | 97.7       | 2.00          | 5.88 |           |  |
| Toluene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 2.10 | 105        | 2.00          | 6.86 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 04/13/2023 | ND               | 2.07 | 103        | 2.00          | 7.77 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 04/13/2023 | ND               | 6.46 | 108        | 6.00          | 7.22 |           |  |
| Total BTEx     | <0.300 | 0.300           | 04/13/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 144    | 16.0            | 04/12/2023 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 04/12/2023 | ND              | 179 | 89.7       | 200           | 13.6 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 04/12/2023 | ND              | 188 | 93.8       | 200           | 12.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 04/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 04/06/2023                   | Sampling Date:      | 04/05/2023     |
| Reported:         | 04/13/2023                   | Sampling Type:      | Soil           |
| Project Name:     | CEDAR CANYON 21 5H (7/13/17) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                   | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO             |                     |                |

**Sample ID: BOTTOM SAMPLE 13 @ 1' (H231656-13)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 1.95 | 97.7       | 2.00          | 5.88 |           |  |
| Toluene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 2.10 | 105        | 2.00          | 6.86 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 04/13/2023 | ND               | 2.07 | 103        | 2.00          | 7.77 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 04/13/2023 | ND               | 6.46 | 108        | 6.00          | 7.22 |           |  |
| Total BTEx     | <0.300 | 0.300           | 04/13/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 144    | 16.0            | 04/12/2023 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 04/13/2023 | ND              | 179 | 89.7       | 200           | 13.6 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 04/13/2023 | ND              | 188 | 93.8       | 200           | 12.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 04/13/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 49.1-148

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|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 04/06/2023                   | Sampling Date:      | 04/05/2023     |
| Reported:         | 04/13/2023                   | Sampling Type:      | Soil           |
| Project Name:     | CEDAR CANYON 21 5H (7/13/17) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                   | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO             |                     |                |

**Sample ID: BOTTOM SAMPLE 14 @ 1' (H231656-14)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 1.95 | 97.7       | 2.00          | 5.88 |           |  |
| Toluene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 2.10 | 105        | 2.00          | 6.86 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 04/13/2023 | ND               | 2.07 | 103        | 2.00          | 7.77 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 04/13/2023 | ND               | 6.46 | 108        | 6.00          | 7.22 |           |  |
| Total BTEx     | <0.300 | 0.300           | 04/13/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 160    | 16.0            | 04/12/2023 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 04/13/2023 | ND              | 179 | 89.7       | 200           | 13.6 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 04/13/2023 | ND              | 188 | 93.8       | 200           | 12.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 04/13/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 49.1-148

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|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 04/06/2023                   | Sampling Date:      | 04/05/2023     |
| Reported:         | 04/13/2023                   | Sampling Type:      | Soil           |
| Project Name:     | CEDAR CANYON 21 5H (7/13/17) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                   | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO             |                     |                |

**Sample ID: BOTTOM SAMPLE 15 @ 1' (H231656-15)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 1.95 | 97.7       | 2.00          | 5.88 |           |  |
| Toluene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 2.10 | 105        | 2.00          | 6.86 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 04/13/2023 | ND               | 2.07 | 103        | 2.00          | 7.77 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 04/13/2023 | ND               | 6.46 | 108        | 6.00          | 7.22 |           |  |
| Total BTEx     | <0.300 | 0.300           | 04/13/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 112    | 16.0            | 04/12/2023 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 04/13/2023 | ND              | 179 | 89.7       | 200           | 13.6 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 04/13/2023 | ND              | 188 | 93.8       | 200           | 12.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 04/13/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 04/06/2023                   | Sampling Date:      | 04/05/2023     |
| Reported:         | 04/13/2023                   | Sampling Type:      | Soil           |
| Project Name:     | CEDAR CANYON 21 5H (7/13/17) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                   | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO             |                     |                |

**Sample ID: BOTTOM SAMPLE 16 @ 1' (H231656-16)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 1.95 | 97.7       | 2.00          | 5.88 |           |  |
| Toluene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 2.10 | 105        | 2.00          | 6.86 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 04/13/2023 | ND               | 2.07 | 103        | 2.00          | 7.77 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 04/13/2023 | ND               | 6.46 | 108        | 6.00          | 7.22 |           |  |
| Total BTX      | <0.300 | 0.300           | 04/13/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 128    | 16.0            | 04/12/2023 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 04/13/2023 | ND              | 179 | 89.7       | 200           | 13.6 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 04/13/2023 | ND              | 188 | 93.8       | 200           | 12.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 04/13/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

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**Analytical Results For:**

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

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 04/06/2023                   | Sampling Date:      | 04/05/2023     |
| Reported:         | 04/13/2023                   | Sampling Type:      | Soil           |
| Project Name:     | CEDAR CANYON 21 5H (7/13/17) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                   | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO             |                     |                |

**Sample ID: BOTTOM SAMPLE 17 @ 1' (H231656-17)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 1.95 | 97.7       | 2.00          | 5.88 |           |  |
| Toluene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 2.10 | 105        | 2.00          | 6.86 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 04/13/2023 | ND               | 2.07 | 103        | 2.00          | 7.77 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 04/13/2023 | ND               | 6.46 | 108        | 6.00          | 7.22 |           |  |
| Total BTEx     | <0.300 | 0.300           | 04/13/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 176    | 16.0            | 04/12/2023 | ND              | 400 | 100        | 400           | 3.92 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 04/13/2023 | ND              | 179 | 89.7       | 200           | 13.6 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 04/13/2023 | ND              | 188 | 93.8       | 200           | 12.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 04/13/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 76.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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 Fax To: (575) 397-0397

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 04/06/2023                   | Sampling Date:      | 04/05/2023     |
| Reported:         | 04/13/2023                   | Sampling Type:      | Soil           |
| Project Name:     | CEDAR CANYON 21 5H (7/13/17) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                   | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO             |                     |                |

**Sample ID: BOTTOM SAMPLE 18 @ 1' (H231656-18)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 1.95 | 97.7       | 2.00          | 5.88 |           |  |
| Toluene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 2.10 | 105        | 2.00          | 6.86 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 04/13/2023 | ND               | 2.07 | 103        | 2.00          | 7.77 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 04/13/2023 | ND               | 6.46 | 108        | 6.00          | 7.22 |           |  |
| Total BTEx     | <0.300 | 0.300           | 04/13/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 144    | 16.0            | 04/12/2023 | ND              | 400 | 100        | 400           | 3.92 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 04/13/2023 | ND              | 179 | 89.7       | 200           | 13.6 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 04/13/2023 | ND              | 188 | 93.8       | 200           | 12.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 04/13/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.4 % 49.1-148

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 Fax To: (575) 397-0397

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 04/06/2023                   | Sampling Date:      | 04/05/2023     |
| Reported:         | 04/13/2023                   | Sampling Type:      | Soil           |
| Project Name:     | CEDAR CANYON 21 5H (7/13/17) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                   | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO             |                     |                |

**Sample ID: SIDEWALL 1 (H231656-19)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 1.95 | 97.7       | 2.00          | 5.88 |           |  |
| Toluene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 2.10 | 105        | 2.00          | 6.86 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 04/13/2023 | ND               | 2.07 | 103        | 2.00          | 7.77 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 04/13/2023 | ND               | 6.46 | 108        | 6.00          | 7.22 |           |  |
| Total BTEx     | <0.300 | 0.300           | 04/13/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 128    | 16.0            | 04/12/2023 | ND              | 400 | 100        | 400           | 3.92 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 04/13/2023 | ND              | 179 | 89.7       | 200           | 13.6 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 04/13/2023 | ND              | 188 | 93.8       | 200           | 12.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 04/13/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 77.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.5 % 49.1-148

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|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 04/06/2023                   | Sampling Date:      | 04/05/2023     |
| Reported:         | 04/13/2023                   | Sampling Type:      | Soil           |
| Project Name:     | CEDAR CANYON 21 5H (7/13/17) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                   | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO             |                     |                |

**Sample ID: SIDEWALL 2 (H231656-20)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 1.95 | 97.7       | 2.00          | 5.88 |           |  |
| Toluene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 2.10 | 105        | 2.00          | 6.86 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 04/13/2023 | ND               | 2.07 | 103        | 2.00          | 7.77 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 04/13/2023 | ND               | 6.46 | 108        | 6.00          | 7.22 |           |  |
| Total BTX      | <0.300 | 0.300           | 04/13/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 144    | 16.0            | 04/12/2023 | ND              | 400 | 100        | 400           | 3.92 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 04/13/2023 | ND              | 179 | 89.7       | 200           | 13.6 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 04/13/2023 | ND              | 188 | 93.8       | 200           | 12.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 04/13/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

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|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 04/06/2023                   | Sampling Date:      | 04/05/2023     |
| Reported:         | 04/13/2023                   | Sampling Type:      | Soil           |
| Project Name:     | CEDAR CANYON 21 5H (7/13/17) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                   | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO             |                     |                |

**Sample ID: SIDEWALL 3 (H231656-21)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 1.95 | 97.7       | 2.00          | 5.88 |           |  |
| Toluene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 2.10 | 105        | 2.00          | 6.86 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 04/13/2023 | ND               | 2.07 | 103        | 2.00          | 7.77 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 04/13/2023 | ND               | 6.46 | 108        | 6.00          | 7.22 |           |  |
| Total BTEx     | <0.300 | 0.300           | 04/13/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 128    | 16.0            | 04/12/2023 | ND              | 400 | 100        | 400           | 3.92 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 04/13/2023 | ND              | 179 | 89.7       | 200           | 13.6 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 04/13/2023 | ND              | 188 | 93.8       | 200           | 12.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 04/13/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 76.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 04/06/2023                   | Sampling Date:      | 04/05/2023     |
| Reported:         | 04/13/2023                   | Sampling Type:      | Soil           |
| Project Name:     | CEDAR CANYON 21 5H (7/13/17) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                   | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO             |                     |                |

**Sample ID: SIDEWALL 4 (H231656-22)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 1.95 | 97.7       | 2.00          | 5.88 |           |  |
| Toluene*       | <0.050 | 0.050           | 04/13/2023 | ND               | 2.10 | 105        | 2.00          | 6.86 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 04/13/2023 | ND               | 2.07 | 103        | 2.00          | 7.77 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 04/13/2023 | ND               | 6.46 | 108        | 6.00          | 7.22 |           |  |
| Total BTEx     | <0.300 | 0.300           | 04/13/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 224    | 16.0            | 04/12/2023 | ND              | 400 | 100        | 400           | 3.92 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 04/13/2023 | ND              | 179 | 89.7       | 200           | 13.6 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 04/13/2023 | ND              | 188 | 93.8       | 200           | 12.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 04/13/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 78.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.0 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

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### Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager





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

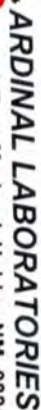
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| Company Name: BBC International, Inc.      |  |  |  | P.O. #:              |  |  |  | BILL TO  |  |  |  | ANALYSIS REQUEST |  |  |  |
|--|--|--|--|----------------------|--|--|--|----------|--|--|--|------------------|--|--|--|
| Project Manager: Cliff Brunson             |  |  |  | Company: Oxy         |  |  |  |          |  |  |  |                  |  |  |  |
| Address: P.O. Box 805                      |  |  |  | Attn:                |  |  |  |          |  |  |  |                  |  |  |  |
| City: Hobbs                                |  |  |  | State: NM Zip: 88241 |  |  |  |          |  |  |  |                  |  |  |  |
| Phone #: 575-397-6388                      |  |  |  | Fax #: 575-397-0397  |  |  |  | Address: |  |  |  |                  |  |  |  |
| Project #:                                 |  |  |  | Project Owner: Oxy   |  |  |  | City:    |  |  |  |                  |  |  |  |
| Project Name: CEDAR CANYON 21 5H (7/13/17) |  |  |  | State: Zip:          |  |  |  |          |  |  |  |                  |  |  |  |
| Project Location: New Mexico               |  |  |  | Phone #:             |  |  |  |          |  |  |  |                  |  |  |  |
| Sample Name: SIMON                         |  |  |  | Fax #:               |  |  |  |          |  |  |  |                  |  |  |  |
| FOR LAB USE ONLY                           |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| Lab I.D.                                   |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| Sample I.D.                                |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| BOTTOM SAMPLE 1@1'                         |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| BOTTOM SAMPLE 2@1'                         |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| BOTTOM SAMPLE 3@1'                         |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| BOTTOM SAMPLE 4@1'                         |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| BOTTOM SAMPLE 5@1'                         |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| BOTTOM SAMPLE 6@1'                         |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| BOTTOM SAMPLE 7@1'                         |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| BOTTOM SAMPLE 8@1'                         |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| BOTTOM SAMPLE 9@1'                         |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| BOTTOM SAMPLE 10@1'                        |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| (G)RAB OR (C)OMP.                          |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| # CONTAINERS                               |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| GROUNDWATER                                |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| WASTEWATER                                 |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| SOIL                                       |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| OIL  |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| SLUDGE                                     |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| OTHER :                                    |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| ACID/BASE:                                 |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| ICE / COOL                                 |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| OTHER :                                    |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| DATE                                       |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| TIME                                       |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| 4/5/23 9:05 AM                             |  |  |  |                      |  |  |  |          |  |  |  | Chloride         |  |  |  |
| 4/5/23 9:14 AM                             |  |  |  |                      |  |  |  |          |  |  |  | BTEX             |  |  |  |
| 4/5/23 9:26 AM                             |  |  |  |                      |  |  |  |          |  |  |  | TPH EXT          |  |  |  |
| 4/5/23 9:36 AM                             |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| 4/5/23 9:48 AM                             |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| 4/5/23 10:09 AM                            |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| 4/5/23 10:21 AM                            |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| 4/5/23 10:35 AM                            |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| 4/5/23 10:49 AM                            |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |
| 4/5/23 11:04 AM                            |  |  |  |                      |  |  |  |          |  |  |  |                  |  |  |  |

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Relinquished By: *[Signature]* Date: 4-6-23 Received By: *[Signature]* Date: 4-6-23  
Time: 2:00pm  
Relinquished By: *[Signature]* Date: 4-6-23 Received By: *[Signature]* Date: 4-6-23  
Time: 4:45pm  
Delivered By: (Circle One) *[Signature]* Sample Condition ☒ Intact ☐ Cool ☐ Yes ☐ No  
Sampler - UPS - Bus - Other: *[Signature]* #113 *[Signature]* CHECKED BY: *[Signature]* (Initials) *[Signature]*

REMARKS: *[Signature]* Phone Result: ☐ Yes ☐ No Add'l Phone #: *[Signature]*  
Fax Result: ☐ Yes ☐ No Add'l Fax #: *[Signature]*



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### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 26 of 27





**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
  
Action 245486

CONDITIONS

|  |   |
|--|---|
| Operator:<br>OXY USA INC<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:<br>16696   |
|  | Action Number:<br>245486                                  |
|  | Action Type:<br>[C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| jharimon   | None      | 8/8/2023       |