



## CLOSURE REPORT

Property:

**Proximity 31 Fed SWD BAT**

**Lea County, New Mexico  
32.355132 N, 103.711208 W  
NMOCD Incident ID: nAPP2118765970  
API No.: 30-025-20423**

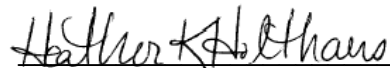
October 19, 2022  
Ensolum Project No. 03B1417048

Prepared for:

**Oxy USA Inc.  
P.O. Box 4294  
Houston, TX 77210  
Attn: Mr. Wade Dittrich**

Prepared by:

  
Beaux Jennings  
Senior Project Manager

  
Heather Holthaus  
Senior Project Manager



## TABLE OF CONTENTS

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<b>1.0</b>	<b>INTRODUCTION .....</b>	<b>1</b>
1.1	EXECUTIVE SUMMARY .....	1
1.2	SITE DESCRIPTION & BACKGROUND .....	2
1.3	PROJECT OBJECTIVE.....	2
<b>2.0</b>	<b>CLOSURE CRITERIA.....</b>	<b>2</b>
<b>3.0</b>	<b>SOIL REMEDIATION ACTIVITIES.....</b>	<b>4</b>
<b>4.0</b>	<b>SOIL SAMPLING PROGRAM .....</b>	<b>5</b>
<b>5.0</b>	<b>SOIL LABORATORY ANALYTICAL METHODS .....</b>	<b>5</b>
<b>6.0</b>	<b>DATA EVALUATION .....</b>	<b>5</b>
<b>7.0</b>	<b>RECLAMATION AND RE-VEGETATION .....</b>	<b>6</b>
<b>8.0</b>	<b>FINDINGS AND RECOMMENDATION .....</b>	<b>6</b>
<b>9.0</b>	<b>STANDARDS OF CARE, LIMITATIONS, AND RELIANCE .....</b>	<b>7</b>
9.1	STANDARD OF CARE.....	7
9.2	LIMITATIONS .....	7
9.3	RELIANCE.....	7

### LIST OF APPENDICES

Appendix A: Figures

Appendix B: Supporting Documentation

Appendix C: Photographic Documentation

Appendix D: Table

Appendix E: Laboratory Data Sheets & Chain-of-Custody Documentation

Appendix F: C-141

**ENSOLUM****CLOSURE REPORT****Proximity 31 Fed SWD BAT**

**Lea County, New Mexico  
32.355132 N, 103.711208 W  
NMOCD Incident ID: nAPP2118765970  
API No.: 30-025-20423**

**Ensolum Project No. 03B1417048****1.0 INTRODUCTION****1.1 Executive Summary**

- On July 2, 2021, a release of produced water was reported from a 12" steel valve due to corrosion at the Proximity 31 Fed SWD BAT, hereinafter referred to as the "Site". Approximately 100 barrels (bbls) of produced water were release onto the ground surface and impacted an area approximately 660 feet long by 80 feet wide. The valve was repaired, and initial response actions were conducted at the Site. The initial Delineation/Remediation Workplan, prepared by BBC International on behalf of Oxy USA Inc. (Oxy), stated that the release area would be excavated from depths ranging from one to seven feet below ground surface (bgs). In May 2022, Oxy received approval from the New Mexico Bureau of Land Management (BLM) to begin remediation activities at the Site. Oxy contracted Ensolum, LLC (Ensolum) to perform sampling of the excavation subsequent to the completion of remediation activities.
- On July 18 and August 5, 2022, Ensolum arrived on-Site and collected a total of 84 composite soil samples from 80 locations on the excavation floor (FS-1 through FS-80), and 21 composite soil samples from 20 locations on the excavation sidewalls (SW-1 through SW-20). The composite floor samples were collected from depths ranging from two to seven feet bgs, and the composite sidewall samples were collected from depths ranging from 0-2 feet bgs to 0-7 feet bgs.
- Due to the unknown depth to groundwater in the 0.5-mile vicinity, a depth to water soil boring (SB-1) was installed on September 1, 2022 by Ensolum personnel. The soil boring was installed on Oxy property adjacent to the Site. The soil boring was installed to 110 feet bgs, and groundwater was not encountered 72-hours after the soil boring was installed. The applicable Closure Criteria were utilized based on the lack of groundwater observed within the first 110 feet bgs at the Site.
- Based on the laboratory analytical results, no additional excavation was required.
- The primary objective of the closure activities was to reduce chemical of concern (COC) concentrations in the on-Site soils to below the applicable New Mexico Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD) Closure Criteria for Soils Impacted by a Release using the New Mexico Administrative Code (NMAC) 19.15.29 *Releases* as guidance.
- The final excavation area measured approximately impacted area measured approximately 100 to 300 feet wide and 650 feet long at the maximum extents. The maximum depth of the impacted area measured approximately seven feet bgs.
- A total of 84 composite soil samples from 80 locations on the excavation floor (FS-1 through FS-80), and 21 composite soil samples from 20 locations on the excavation sidewalls (SW-1 through SW-20) were collected.

Oxy USA Inc.  
 Closure Report  
 Proximity 31 Fed SWD BAT  
 October 19, 2022



- Based on the laboratory analytical results, the final composite soil samples collected from the excavation did not exhibit benzene, total benzene, toluene, ethylbenzene, and xylene (BTEX), total petroleum hydrocarbons (TPH), gasoline range organics (GRO), diesel range organics (DRO), motor oil range organics (MRO) or chloride concentrations above the applicable NMOCD Closure Criteria. Subsequent to the results of the confirmation soil sampling, the excavated soils were removed and taken off-Site for proper disposal and the excavated area was backfilled with clean fill material, and then contoured to the original surrounding grade.

**Based on field observations and laboratory analytical results, no additional investigation or corrective action appears warranted at this time.**

## 1.2 Site Description & Background

<b>Operator:</b>	Oxy USA Inc. (Oxy)
<b>Site Name:</b>	Proximity 31 Fed SWD
<b>Location:</b>	32.355132 N, 103.711208 W Lea County, New Mexico
<b>Property:</b>	Bureau of Land Management (BLM)
<b>Regulatory:</b>	New Mexico Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)

The Topographic Map depicting the location of the Site is included as **Figure 1**, the Site Vicinity Map is included as **Figure 2**, the Site Map indicating the locations of composite soil samples is included as **Figure 3**, and the Closure Criteria Map is included as **Figure 4** in **Appendix A**.

## 1.3 Project Objective

The primary objective of the closure activities was to reduce COC concentrations in the on-Site soils to below the applicable New Mexico EMNRD OCD closure criteria concentrations.

## 2.0 CLOSURE CRITERIA

The Site is subject to regulatory oversight by the New Mexico EMNRD OCD. In order to address activities related to exempt oil and gas releases, the New Mexico EMNRD OCD references NMAC 19.15.29 *Releases*, which establishes investigation and abatement action requirements for sites subject to reporting and/or corrective action. Ensolum utilized information provided by Oxy, the general site characteristics, and information available from the New Mexico Office of the State Engineer (OSE) and the New Mexico EMNRD OCD Imaging database to determine the appropriate closure criteria for the Site.

- The Site is not located within 300 feet of a New Mexico EMNRD OCD-defined continuously flowing watercourse or any other significant watercourse.
- The Site is not located within 200 feet of a lakebed, sinkhole, or playa lake.
- The Site is not located within 300 feet from an occupied permanent residence, school, hospital, institution, or church.
- According to the OSE WRSS database there are no private, domestic freshwater wells used by less than five (5) households for domestic or stock water purposes identified within 500 feet of the Site.



Oxy USA Inc.  
 Closure Report  
 Proximity 31 Fed SWD BAT  
 October 19, 2022



- According to the OSE WRSS database there are no freshwater wells identified within 1,000 feet of the Site as declared in the previous bullet.
- The Site is not located within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3.
- The Site is not located within 300 feet of a wetland.
- Based on information identified on the New Mexico Mining and Minerals Division's GIS, Maps and Mine Data database, the Site is not located within an area overlying a subsurface mine.
- Based on the Karst Occurrence Potential (.kmz) provided by the Bureau of Land Management (BLM), the Site is not located within an unstable area.
- The Site is noted to be located within an area of minimal flood hazard.

Based on the identified siting criteria, cleanup goals for soils remaining in place at the Site include:

Closure Criteria for Soils Impacted by a Release (0' – 4' bgs)			
Minimum depth below any point within horizontal boundary of the release to groundwater less than 10,000 mg/l TDS	Constituent	Method	Limit
≤ 50 feet	Chloride	EPA 300.0 or SM4500 Cl B	600 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

Oxy USA Inc.  
 Closure Report  
 Proximity 31 Fed SWD BAT  
 October 19, 2022



Closure Criteria for Soils Impacted by a Release (> 4' bgs)			
Minimum depth below any point within horizontal boundary of the release to groundwater less than 10,000 mg/l TDS	Constituent	Method	Limit
>100 feet	Chloride	EPA 300.0 or SM4500 Cl B	20,000 mg/kg
	TPH (GRO+DRO)	EPA SW-846 Method 8015M	1,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

### 3.0 SOIL REMEDIATION ACTIVITIES

On July 2, 2021, a release of produced water was reported from a 12" steel valve due to corrosion at the Site. Approximately 100 bbls of produced water were release onto the ground surface and impacted an area approximately 660 feet long by 80 feet wide. The valve was repaired, and initial response actions were conducted at the Site. The initial Delineation/Remediation Workplan, prepared by BBC International on behalf of Oxy, stated that the release area would be excavated from depths ranging from one to seven feet bgs. In May 2022, Oxy received approval from the New Mexico BLM to begin remediation activities at the Site. Oxy contracted Ensolum to perform sampling of the excavation subsequent to the completion of remediation activities.

On July 18 and August 5, 2022, Ensolum arrived on-Site and collected a total of 84 composite soil samples from 80 locations on the excavation floor (FS-1 through FS-80), and 21 composite soil samples from 20 locations on the excavation sidewalls (SW-1 through SW-20). The composite floor samples were collected from depths ranging from two to seven feet bgs, and the composite sidewall samples were collected from depths ranging from 0-2 feet bgs to 0-7 feet bgs.

Due to the unknown depth to groundwater in the 0.5-mile vicinity, a depth to water soil boring (SB-1) was installed on September 1, 2022 by Ensolum personnel. The soil boring was installed on Oxy property adjacent to the Site. The soil boring was installed to 110 feet bgs, and groundwater was not encountered 72-hours after the soil boring was installed. The applicable Closure Criteria were utilized based on the lack of groundwater observed within the first 110 feet bgs at the Site.

Based on the laboratory analytical data, no additional excavation was required. Subsequent to the results of the composite soil sampling, the excavated soils were removed and taken off-Site for proper disposal.

The final excavation area measured approximately impacted area measured approximately 100 to 300 feet wide and 650 feet long at the maximum extents. The maximum depth of the impacted area measured approximately seven feet bgs.

The lithology encountered during the completion of sampling activities consisted primarily of a well graded silty brown sand.

Oxy USA Inc.  
Closure Report  
Proximity 31 Fed SWD BAT  
October 19, 2022



**Figure 3** identifies approximate pothole soil sample locations and approximate dimensions of the impacted area with respect to the Site (**Appendix A**). Photographic documentation of the field activities is included in **Appendix C**.

#### 4.0 SOIL SAMPLING PROGRAM

Ensolum's composite soil sampling program included the collection of 84 composite soil samples from 80 locations on the excavation floor (FS-1 through FS-80), and 21 composite soil samples from 20 locations on the excavation sidewalls (SW-1 through SW-20). The composite floor samples were collected from depths ranging from two to seven feet bgs, and the composite sidewall samples were collected from depths ranging from 0-2 feet bgs to 0-7 feet bgs.

The composite soil samples were collected and placed in laboratory prepared glassware, labeled/sealed using laboratory supplied labels and custody seals, and stored on ice in a cooler. The samples were relinquished to Cardinal Laboratories in Hobbs, New Mexico for standard laboratory analysis.

#### 5.0 SOIL LABORATORY ANALYTICAL METHODS

The composite soil samples were analyzed for BTEX utilizing Environmental Protection Agency (EPA) SW-846 Method 8021B, TPH GRO/DRO/MRO utilizing EPA SW-846 Method 8015M, and chloride utilizing EPA Method 4500-Cl B.

Laboratory analytical results are summarized in **Table 1** in **Appendix D**. The executed chain-of-custody forms and laboratory analytical reports are provided in **Appendix E**.

#### 6.0 DATA EVALUATION

Ensolum compared the benzene, total BTEX, TPH GRO/DRO/MRO, and chloride concentrations associated with the composite soil samples collected from the excavation floor (FS-1 through FS-80) and the excavation sidewalls (SW-1 through SW-20) to the applicable NMOCD Closure Criteria.

- Laboratory analytical results indicate benzene concentrations for the composite soil samples are below the laboratory sample detection limits (SDLs), which are below the applicable NMOCD Closure Criteria of 10 mg/kg.
- Laboratory analytical results indicate that total BTEX concentrations for the composite soil samples are below the laboratory SDLs, which are below the applicable NMOCD Closure Criteria of 50 mg/kg.
- Laboratory analytical results indicate combined TPH GRO/DRO concentrations for the composite soil samples are below the laboratory SDLs and/or the applicable NMOCD Closure Criteria of 1,000 mg/kg from >100 feet.
- Laboratory analytical results indicate combined TPH GRO/DRO/MRO concentrations for the composite soil samples are below the laboratory SDLs and/or the applicable NMOCD Closure Criteria of 2,500 mg/kg from >100 feet.
- Laboratory analytical results indicate chloride concentrations for the composite soil samples are below the applicable NMOCD Closure Criteria of 20,000 mg/kg from >100 feet.

Laboratory analytical results are summarized in **Table 1** in **Appendix D**.

Oxy USA Inc.  
Closure Report  
Proximity 31 Fed SWD BAT  
October 19, 2022



## 7.0 RECLAMATION AND RE-VEGETATION

Subsequent to the results of the final confirmation soil sampling, the identified impacted soils were removed and taken off-Site for proper disposal. The excavated area was backfilled with clean fill material, and then contoured to the original surrounding grade. Once the area was brought back to original grade, a BLM approved seed mixture was sown into the surface area of the backfill for re-vegetation.

## 8.0 FINDINGS AND RECOMMENDATION

- On July 2, 2021, a release of produced water was reported from a 12" steel valve due to corrosion at the Site. Approximately 100 bbls of produced water were release onto the ground surface and impacted an area approximately 660 feet long by 80 feet wide. The valve was repaired, and initial response actions were conducted at the Site. The initial Delineation/Remediation Workplan, prepared by BBC International on behalf of Oxy, stated that the release area would be excavated from depths ranging from one to seven feet bgs. In May 2022, Oxy received approval from the New Mexico BLM to begin remediation activities at the Site. Oxy contracted Ensolum to perform sampling of the excavation subsequent to the completion of remediation activities
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- A total of 84 composite soil samples from 80 locations on the excavation floor (FS-1 through FS-80), and 21 composite soil samples from 20 locations on the excavation sidewalls (SW-1 through SW-20) were collected.
- Based on the laboratory analytical results, the final composite soil samples collected from the excavation did not exhibit benzene, BTEX, TPH GRO/DRO/MRO or chloride concentrations above the applicable NMOCD Closure Criteria.
- Subsequent to the results of the final confirmation soil sampling, the identified impacted soils were removed and taken off-Site for proper disposal. The excavated area was backfilled with clean fill material, and then contoured to the original surrounding grade. Once the area was brought back to original grade, a BLM approved seed mixture was sown into the surface area of the backfill for re-vegetation.

Oxy USA Inc.  
Closure Report  
Proxiity 31 Fed SWD BAT  
October 19, 2022



**Based on field observations and laboratory analytical results, no additional investigation or corrective action appears warranted at this time.**

## **9.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE**

### **9.1 Standard of Care**

Ensolum's services were performed in accordance with standards customarily provided by a firm rendering the same or similar services in the area during the same time period. Ensolum makes no warranties, express or implied, as to the services performed hereunder. Additionally, Ensolum does not warrant the work of third parties supplying information used in the report (e.g., laboratories, regulatory agencies, or other third parties). This scope of services was performed in accordance with the scope of work agreed with the client, as detailed in our proposal.

### **9.2 Limitations**

Findings, conclusions, and recommendations resulting from these services are based upon information derived from the on-Site activities and other services performed under this scope of work and it should be noted that this information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, or not present during these services, and Ensolum cannot represent that the Site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during the investigation. Environmental conditions at other areas or portions of the Site may vary from those encountered at actual sample locations. Ensolum's findings, and recommendations are based solely upon data available to Ensolum at the time of these services.

### **9.3 Reliance**

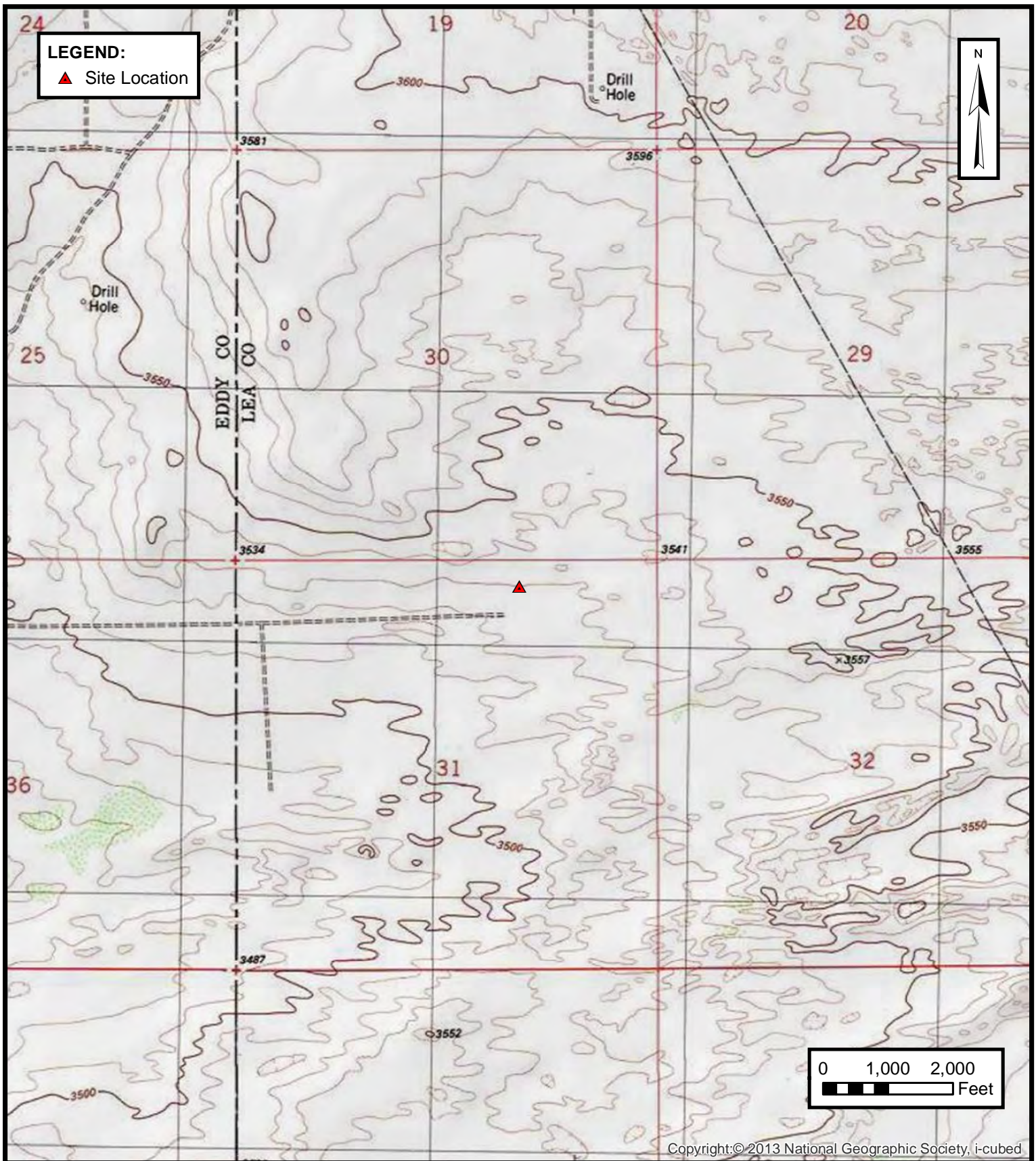
This report has been prepared for the exclusive use of Oxy USA, Inc., and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the Site) is prohibited without the express written authorization Oxy USA, Inc. and Ensolum. Any unauthorized distribution or reuse is at the client's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions and limitations stated in the Closure Report, and Ensolum's Master Services Agreement. The limitation of liability defined in the agreement is the aggregate limit of Ensolum's liability to the client.



## APPENDIX A

### Figures



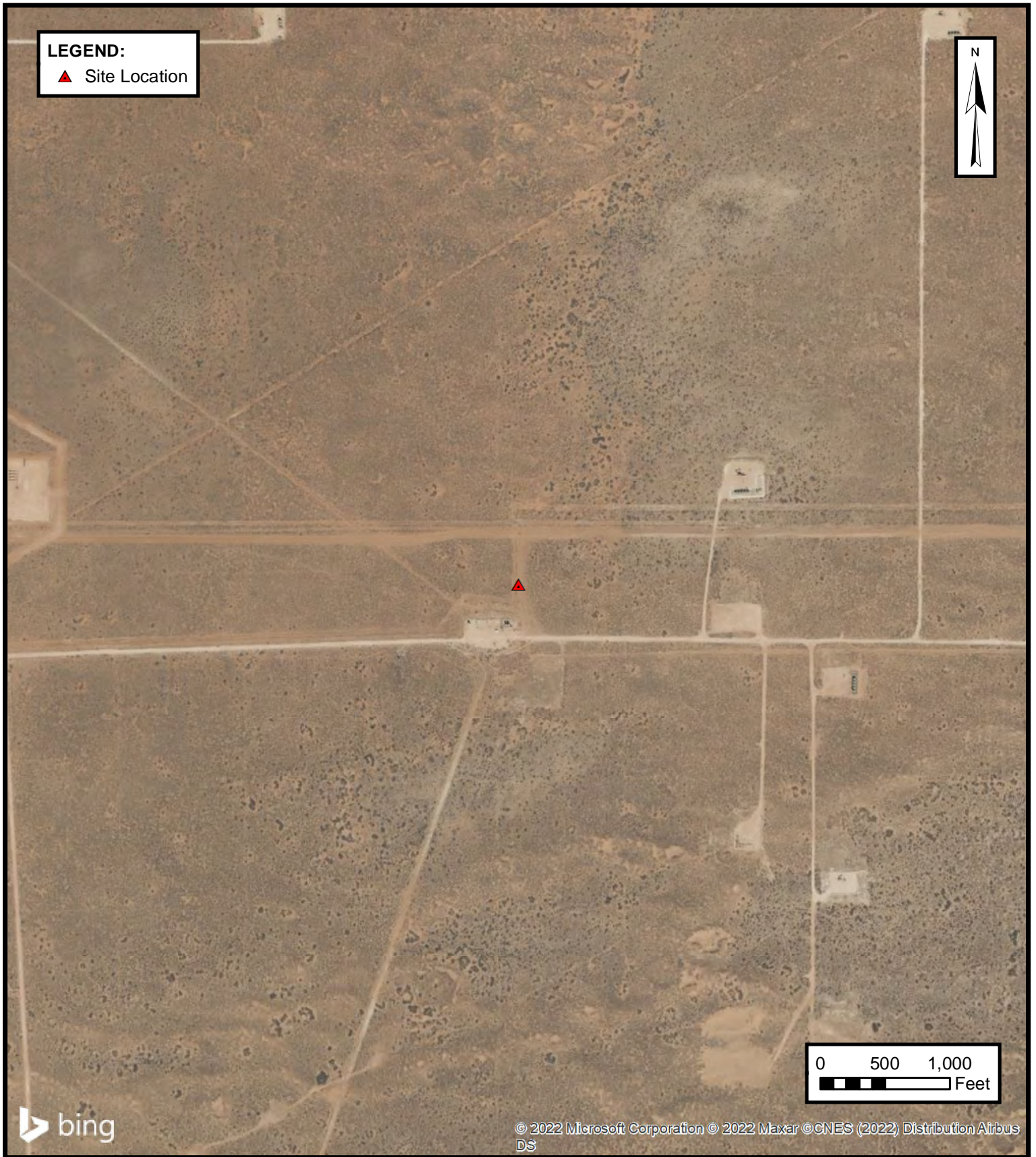


**TOPOGRAPHIC MAP**  
 OXY USA INC.  
 PROXIMITY 31 FED SWD BAT  
 Lea County, New Mexico  
 32.355132° N, 103.711208° W

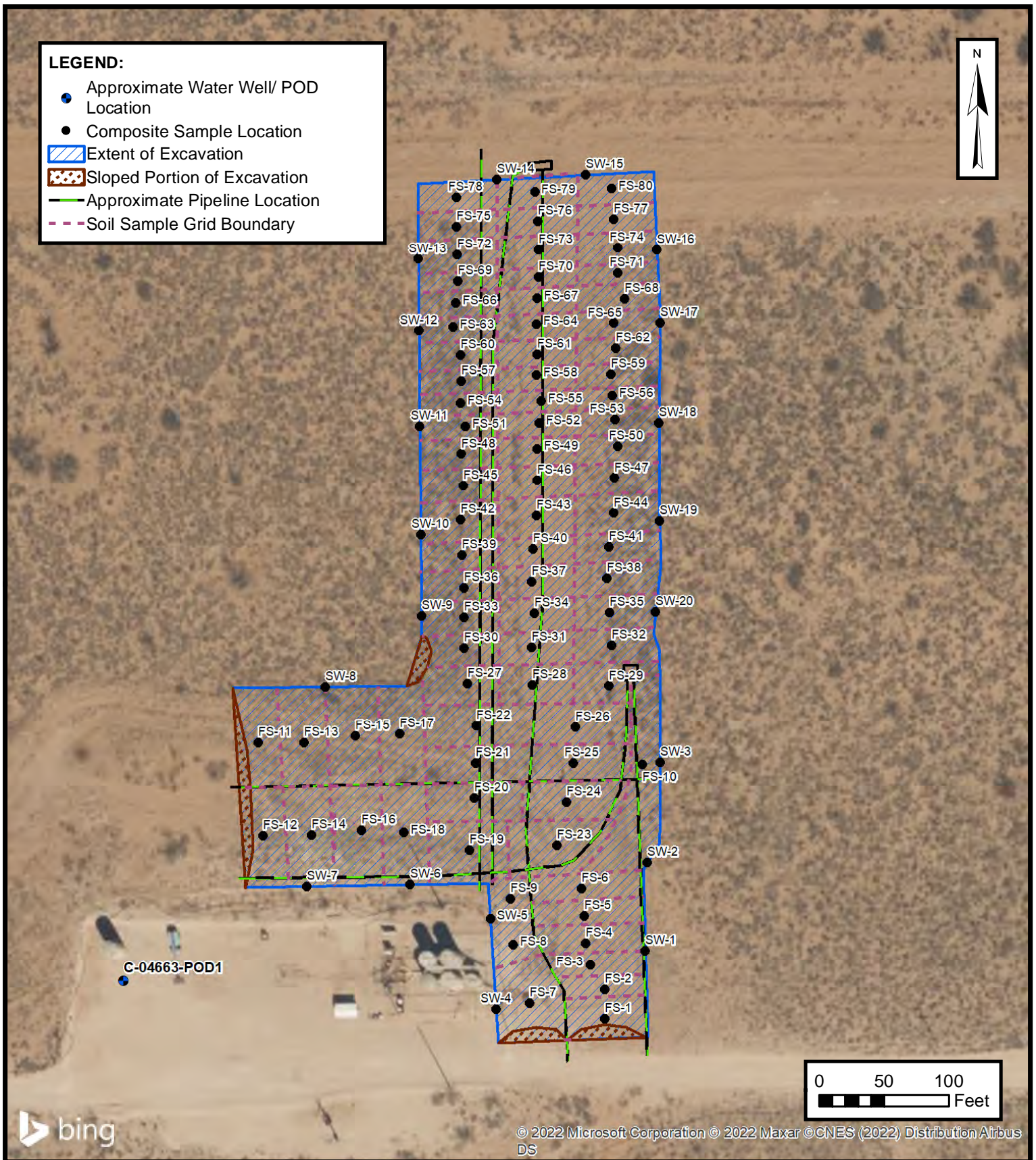
PROJECT NUMBER: 03B1417048

**FIGURE**  
**1**

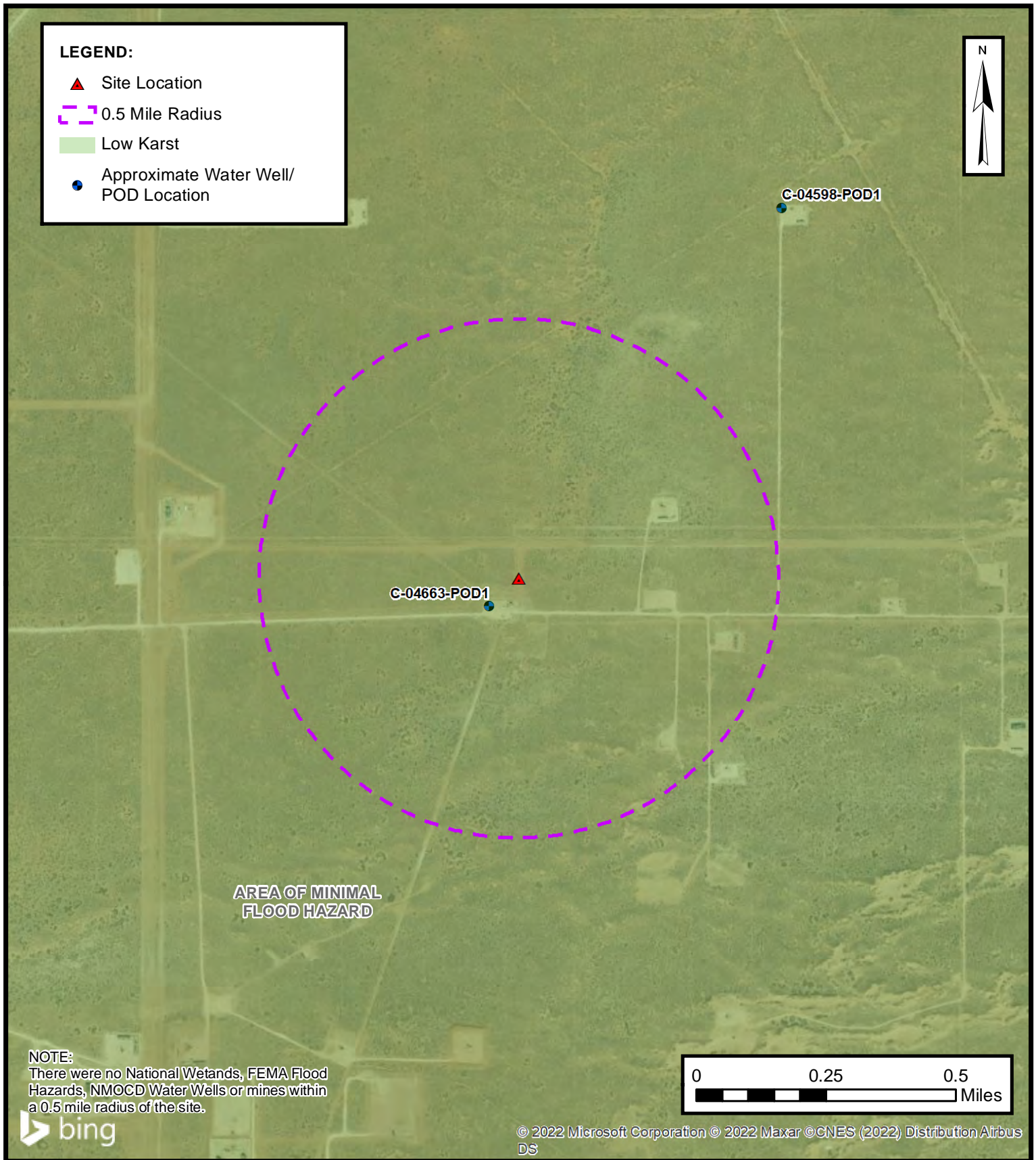










**CLOSURE CRITERIA MAP**

OXY USA INC.  
PROXIMITY 31 FED SWD BAT  
Lea County, New Mexico  
32.355132° N, 103.711208° W

PROJECT NUMBER: 03B1417048

**FIGURE****4**

**ENSOLUM**  
Environmental, Engineering and  
Hydrogeologic Consultants



## APPENDIX B

### Supporting Documentation

**Beaux Jennings**

---

**From:** Dittrich, John W <Wade\_Dittrich@oxy.com>  
**Sent:** Tuesday, May 24, 2022 8:33 AM  
**To:** Beaux Jennings  
**Subject:** FW: FW: Proximity 31 Fed SWD--7/2/21

[ \*\*EXTERNAL EMAIL\*\* ]

FYI

---

**From:** Morgan, Crisha A <camorgan@blm.gov>  
**Sent:** Tuesday, May 24, 2022 7:26 AM  
**To:** Dittrich, John W <Wade\_Dittrich@oxy.com>  
**Subject:** Re: [EXTERNAL] FW: Proximity 31 Fed SWD--7/2/21

**WARNING - This message is from an EXTERNAL SENDER - be CAUTIOUS, particularly with links and attachments.**

---

Please consider this BLM's approval to begin remediation and delineation for this release. Please let us know if anything haults the progression of this cleanup. Please let me know if you need anything else, or if you have any questions.

Thank you,

**Crisha A. Morgan** | Certified - Environmental Protection Specialist | Program Officer | COR | Spills Coordinator | Orphaned Well POC Lead  
Bureau of Land Management | Carlsbad Field Office  
620 E. Greene Street Carlsbad, NM 88220  
Cell [575-200-8648](tel:575-200-8648) | Office [575-234-5987](tel:575-234-5987) | [camorgan@blm.gov](mailto:camorgan@blm.gov)



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---

**From:** Dittrich, John W <[Wade\\_Dittrich@oxy.com](mailto:Wade_Dittrich@oxy.com)>  
**Sent:** Monday, May 23, 2022 2:41:43 PM  
**To:** Morgan, Crisha A <[camorgan@blm.gov](mailto:camorgan@blm.gov)>  
**Subject:** [EXTERNAL] FW: Proximity 31 Fed SWD--7/2/21

**This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.**

Crisha,

I am needing a Work Corridor that goes 100ft around the spill track area. I have attached everything you should need. Thanks.

**Wade Dittrich**

Environmental Specialist

**Oxy Permian-Resources and EOR-New Mexico**

575-390-2828 cell

575-397-8214 office

[Wade\\_Dittrich@Oxy.com](mailto:Wade_Dittrich@Oxy.com)

**Beaux Jennings**

---

**From:** Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>  
**Sent:** Wednesday, July 13, 2022 5:43 PM  
**To:** Beaux Jennings  
**Cc:** Bratcher, Mike, EMNRD; Hamlet, Robert, EMNRD; Harimon, Jocelyn, EMNRD  
**Subject:** FW: [EXTERNAL] Proximity 31 Fed SWD BAT (Incident ID: NAPP2118765970)

[ \*\*EXTERNAL EMAIL\*\* ]

Beaux

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.

Thanks  
Jennifer Nobui

---

**From:** Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>  
**Sent:** Wednesday, July 13, 2022 4:31 PM  
**To:** Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>; Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>  
**Subject:** Fw: [EXTERNAL] Proximity 31 Fed SWD BAT (Incident ID: NAPP2118765970)

---

**From:** Beaux Jennings <[bjennings@ensolum.com](mailto:bjennings@ensolum.com)>  
**Sent:** Wednesday, July 13, 2022 4:22 PM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@state.nm.us](mailto:OCD.Enviro@state.nm.us)>  
**Subject:** [EXTERNAL] Proximity 31 Fed SWD BAT (Incident ID: NAPP2118765970)

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

Good Afternoon,

On behalf of Oxy USA Inc, Ensolum, LLC would like to provide notification for sampling activities that will be conducted at the Proximity 31 Fed SWD BAT (Incident ID: NAPP2118765970) on Monday, July 18<sup>th</sup> at 9am. The samples may be used for closure, provided that they meet applicable closure limits.

Thank you,



**Beaux Jennings**  
Senior Project Manager  
210-219-8858  
**Ensolum, LLC**  
in f t

**Beaux Jennings**

---

**From:** Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>  
**Sent:** Friday, July 22, 2022 4:49 PM  
**To:** Beaux Jennings  
**Cc:** Bratcher, Mike, EMNRD; Hamlet, Robert, EMNRD; Harimon, Jocelyn, EMNRD  
**Subject:** FW: [EXTERNAL] Proximity 31 Fed SWD BAT (Incident ID: NAPP2118765970)

[ \*\*EXTERNAL EMAIL\*\* ]

Beaux

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.

Thanks,  
Jennifer Nobui

---

**From:** Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>  
**Sent:** Friday, July 22, 2022 3:45 PM  
**To:** Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>; Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>  
**Subject:** Fw: [EXTERNAL] Proximity 31 Fed SWD BAT (Incident ID: NAPP2118765970)

---

**From:** Beaux Jennings <[bjennings@ensolum.com](mailto:bjennings@ensolum.com)>  
**Sent:** Friday, July 22, 2022 8:35 AM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@state.nm.us](mailto:OCD.Enviro@state.nm.us)>  
**Subject:** [EXTERNAL] Proximity 31 Fed SWD BAT (Incident ID: NAPP2118765970)

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

Good Morning,

On behalf of Oxy USA Inc, Ensolum, LLC would like to provide notification for sampling activities that will be conducted at the Proximity 31 Fed SWD BAT (Incident ID: NAPP2118765970) on Tuesday, July 26<sup>th</sup> at 10am. The samples may be used for closure, provided that they meet applicable closure limits.

Thank you,



**Beaux Jennings**  
Senior Project Manager  
210-219-8858  
**Ensolum, LLC**  
in f t



**Beaux Jennings**

---

**From:** Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>  
**Sent:** Tuesday, August 2, 2022 5:06 PM  
**To:** Beaux Jennings  
**Cc:** Bratcher, Mike, EMNRD; Hamlet, Robert, EMNRD; Harimon, Jocelyn, EMNRD  
**Subject:** FW: [EXTERNAL] Proximity 31 Fed SWD BAT (Incident ID: NAPP2118765970)

[ \*\*EXTERNAL EMAIL\*\* ]

Beaux

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.

Thanks,  
Jennifer Nobui

---

**From:** Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>  
**Sent:** Tuesday, August 2, 2022 4:05 PM  
**To:** Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>  
**Subject:** Fw: [EXTERNAL] Proximity 31 Fed SWD BAT (Incident ID: NAPP2118765970)

---

**From:** Beaux Jennings <[bjennings@ensolum.com](mailto:bjennings@ensolum.com)>  
**Sent:** Tuesday, August 2, 2022 4:03 PM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@state.nm.us](mailto:OCD.Enviro@state.nm.us)>  
**Subject:** [EXTERNAL] Proximity 31 Fed SWD BAT (Incident ID: NAPP2118765970)

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

Good Afternoon,

On behalf of Oxy USA Inc, Ensolum, LLC would like to provide notification for sampling activities that will be conducted at the Proximity 31 Fed SWD BAT (Incident ID: NAPP2118765970) on Friday, August 5<sup>th</sup> at 10am. The samples may be used for closure, provided that they meet applicable closure limits.

Thank you,



**Beaux Jennings**  
Senior Project Manager  
210-219-8858  
**Ensolum, LLC**  
in f t



Client: Oxy USA Inc.  
Project Name: Proximity 31 Fed SWD  
Project Location: Eddy County, New Mexico  
Project Manager: Beaux Jennings

SOIL BORING / WELL LOG

**DRILLING & SAMPLING INFORMATION**  
Date Started: 9/1/2022  
Date Completed: 9/1/2022  
Drilling Company: West Texas Water Well Services  
Driller: Russell Southerland

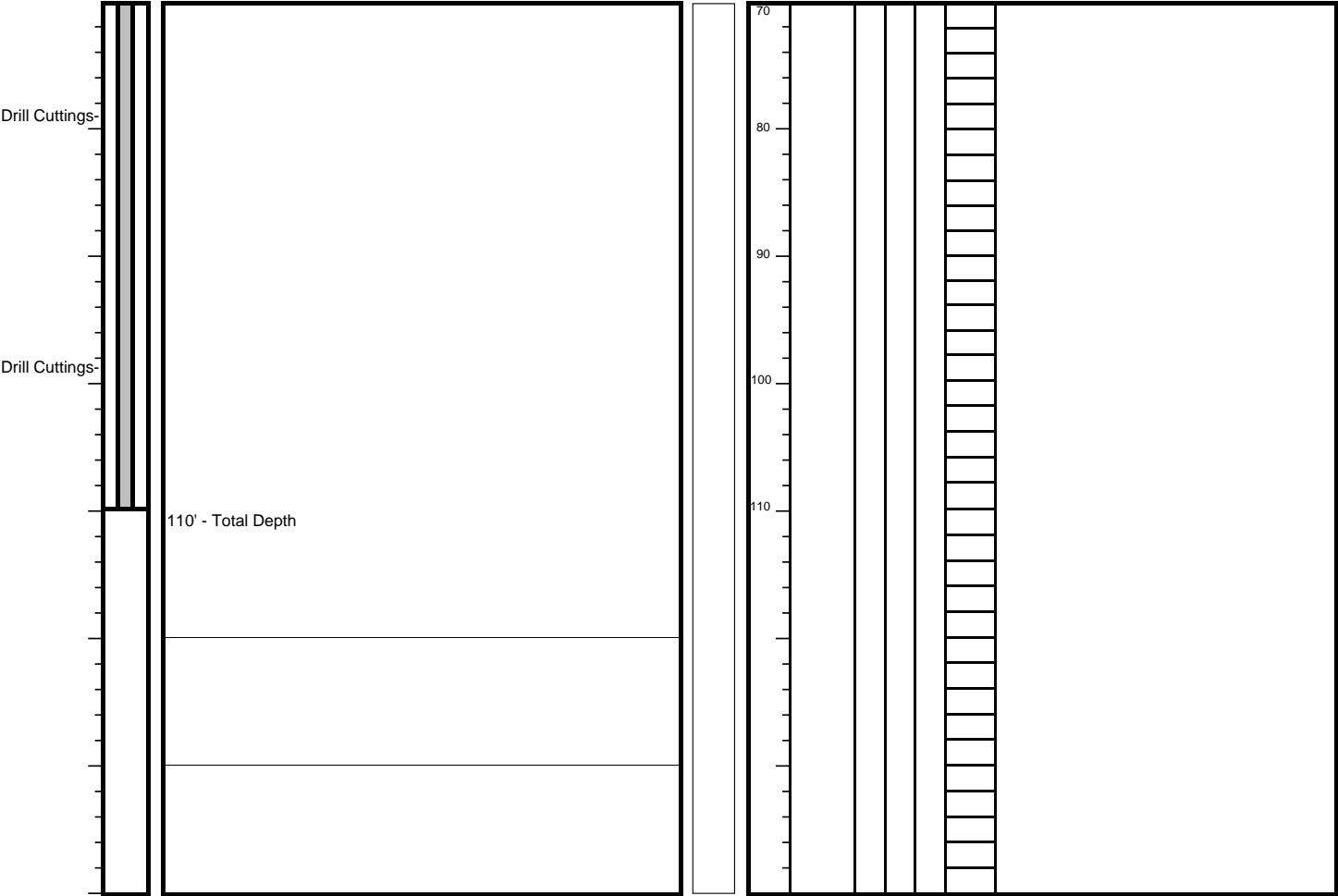
Soil Boring / Well Number: SB-1  
Project #: 03B1417048  
Drawn By: Beaux Jennings  
Approved By: Heather Holthaus

Geologist: Shane Diller Sampler: Shane Diller  
Boring Method: AR Logged By: Shane Diller  
Sampler Type: AR  
Bore Hole Diameter: 5 7/8" Screen: N/A  
Casing Diameter: N/A Total Depth: 110'  
Well Materials: N/A  
Surface Completion: N/A

<b>BORING METHOD</b>	<b>SAMPLER TYPE</b>	<b>GROUNDWATER DEPTH</b>
HS A - HOLLOW STEM AUGERS	CB - FIVE FOOT CORE BARREL	▼ AT COMPLETION
CFA - CONTINUOUS FLIGHT AUGERS	SS - DRIVEN SPLIT SPOON	▼ AT WELL STABILIZATION
GP - GEOPROBE	ST - PRESSED SHELBY TUBE	
AR - AIR ROTARY		

BORING AND SAMPLING NOTES

Soil Boring Detail	SOIL CLASSIFICATION	Stratum Depth	Depth Scale	Sample No.	Sample Interval	% Recovery	Groundwater Depth	FID/PID Readings (ppm)	



NR - No Recovery



# National Flood Hazard Layer FIRMette



103°42'59"W 32°21'34"N



## Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 9/28/2022 at 7:08 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.





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



# Untitled Map

Write a description for your map.

## Legend

-  32.431998, -104.47386
-  High
-  Low
-  Medium

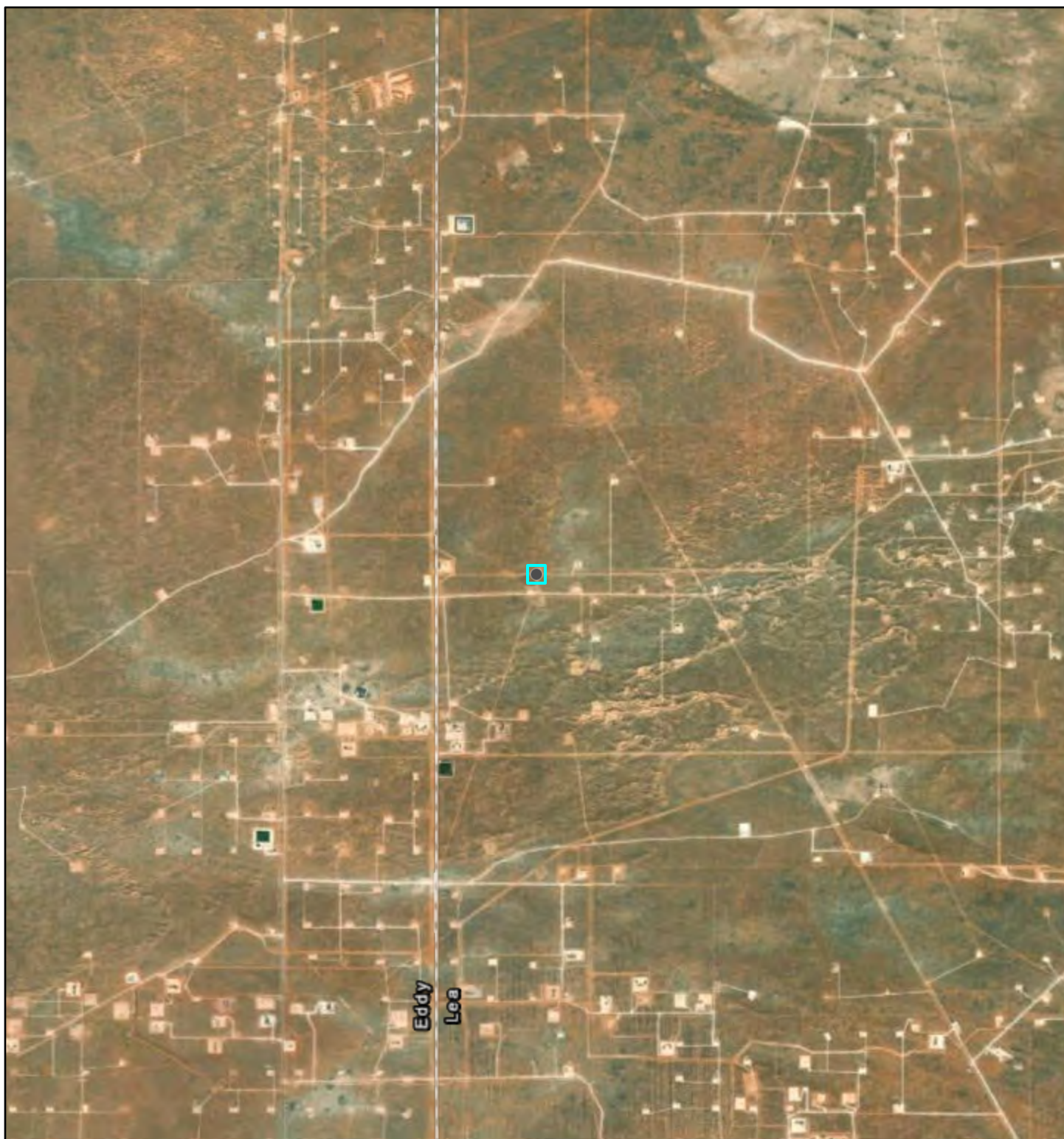
32.355132, -103.711208



1000 ft

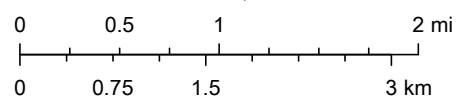


## Active Mines in New Mexico



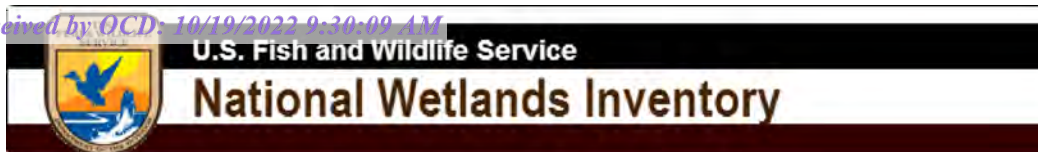
9/28/2022, 5:09:12 PM

1:72,224



Esri, HERE, Garmin, Earthstar Geographics





## NWI Map (Proximity)



September 28, 2022

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural  
Resources Department

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

Incident ID	nAPP2118765970
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party	OXY USA INC.	OGRID	16696
Contact Name	WADE DITTRICH	Contact Telephone	(575) 390-2828
Contact email	WADE_DITTRICH@OXY.COM	Incident # (assigned by OCD)	
Contact mailing address	PO BOX 4294; HOUSTON, TX 77210		

### Location of Release Source

Latitude N32.355132 Longitude W103.711208  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Proximity 31 Fed SWD BAT	Site Type	
Date Release Discovered	7/2/21	API# (if applicable)	30-025-20423

Unit Letter	Section	Township	Range	County
B	31	T22S	32E	Lea County, NM

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 100 BBLS	Volume Recovered (bbls) 0 BBLS
	Is the concentration of dissolved chloride in the produced water > 10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

12" steel valve corrosion



Form C-141

State of New Mexico  
Oil Conservation Division

Page 2

Incident ID	nAPP2118765970
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?

☐ Yes ☒ No

If YES, for what reason(s) does the responsible party consider this a major release?

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

**Initial Response**

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

- ☒ The source of the release has been stopped.
- ☒ The impacted area has been secured to protect human health and the environment.
- ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Wade Dittrich

Title: Environmental Coordinator

Signature: 

Date: 7-16-21

email: wade\_dittrich@oxy.com

Telephone: (575) 390-2828

**OCD Only**

Received by: Ramona Marcus

Date: 7/27/2021

Location of spill:

Proximity 31 Fed SWD Battery

Date of Spill:

7/2/2021

Site Soil Type:

Fine Sand

Average Daily Production:

BBL Oil

BBL Water

**Total Area Calculations**

Total Surface Area	width		length		wet soil depth	oil (%)
Rectangle Area #1	75 ft	X	270 ft	X	1 in	0%
Rectangle Area #2	35 ft	X	185 ft	X	1 in	0%
Rectangle Area #3	30 ft	X	120 ft	X	1 in	0%
Rectangle Area #4	15 ft	X	170 ft	X	1 in	0%
Rectangle Area #5	20 ft	X	32 ft	X	1 in	0%
Rectangle Area #6	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #7	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #8	0 ft	X	0 ft	X	0 in	0%

Porosity 0.16 gal per gal**Saturated Soil Volume Calculations:**

		<u>H2O</u>	<u>OIL</u>
Area #1	20250 sq. ft.	2,194 cu. ft.	cu. ft.
Area #2	6475 sq. ft.	701 cu. ft.	cu. ft.
Area #3	3600 sq. ft.	360 cu. ft.	cu. ft.
Area #4	2550 sq. ft.	213 cu. ft.	cu. ft.
Area #5	640 sq. ft.	53 cu. ft.	cu. ft.
Area #6	0 sq. ft.	cu. ft.	cu. ft.
Area #7	0 sq. ft.	cu. ft.	cu. ft.
Area #8	0 sq. ft.	cu. ft.	cu. ft.
Total Solid/Liquid Volume:	<b>33,515 sq. ft.</b>	<b>3,521 cu. ft.</b>	<b>cu. ft.</b>

**Estimated Volumes Spilled**

	<u>H2O</u>	<u>OIL</u>
Liquid in Soil:	100.3 BBL	0.0 BBL
Liquid Recovered :	0.0 BBL	0.0 BBL
Spill Liquid	100.3 BBL	0.0 BBL
Total Spill Liquid:	<u>100.3</u>	

**Recovered Volumes**

Estimated oil recovered: 0.0 BBL  
 Estimated water recovered: 0.0 BBL

Soil Type	Porosity
Clay	0.15
Peat	0.40
Glacial Sediments	0.13
Sandy Clay	0.12
Silt	0.16
Loess	0.25
Fine Sand	0.16
Medium Sand	0.25
Coarse Sand	0.26
Gravelly Sand	0.26
Fine Gravel	0.26
Medium Gravel	0.25
Coarse Gravel	0.18
Sandstone	0.25
Siltstone	0.18
Shale	0.05
Limestone	0.13
Basalt	0.19
Volcanic Tuff	0.20
Standing Liquids	



**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 37634

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 37634
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
marcus	None	7/27/2021



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

## DELINEATION/REMEDATION WORKPLAN

### OXY – PROXIMITY 31 FED #4 SWD (Leak Date: 7/16/21)

#### Incident Reference #: NAPP2118765970

This delineation workplan and remediation proposal addresses the releases associated with Incident Reference #: NAPP2118765970.

The following information includes:

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

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

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

***The leak area near SP1 (YELLOW shade on diagram) will be excavated to a depth of 7 feet. The leak area near SP2 – SP4 and SP11 (GREEN shade on diagram) will be excavated to a depth of 5 feet. The leak area near SP5 and SP7 (BLUE shade on diagram) will be excavated to a depth of 3 feet. The leak area near SP6 (WHITE shade on diagram) will be excavated to a depth of 1 foot. The leak area near SP8 – SP10 and SP12 – SP15 (PURPLE shade on diagram) will be excavated to a depth of 4 feet.***

***OXY will collect sidewall and bottom confirmation samples every 200 square feet. The estimated amount of soil to be excavated is 5744 cubic yards. The remediation will be completed within 90 days of approval.***

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

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

Form C-141

Page 3

State of New Mexico  
Oil Conservation Division

Incident ID	nAPP2116655568
District RP	
Facility ID	
Application ID	

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

What is the shallowest depth to groundwater beneath the area affected by the release?	28 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

**Characterization Report Checklist:** *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

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

Form C-141

State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	nAPP2116655568
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Wade Dittrich Title: Environmental CoordinatorSignature:  Date: 10-26-21email: wade\_dittrich@oxy.com Telephone: (575) 390-2828**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Form C-141

State of New Mexico  
Oil Conservation Division

Page 5

Incident ID	nAPP2116655568
District RP	
Facility ID	
Application ID	

## Remediation Plan


**Remediation Plan Checklist:** Each of the following items must be included in the plan.

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

**Deferral Requests Only:** Each of the following items must be confirmed as part of any request for deferral of remediation.

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Wade Dittrich Title: Environmental Coordinator  
Signature:  Date: 10-26-21  
email: wade\_dittrich@oxy.com Telephone: (575) 390-2828

**OCD Only**Received by: Chad Hensley Date: 02/22/2022☒ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral ApprovedSignature:  Date: 02/22/2022



# PROXIMITY 31 FED #4 SWD

LEAK DATE 7/16/21  
ID# nAPP2118765970  
LEA CO, NM

Legend

 13-JUL-21

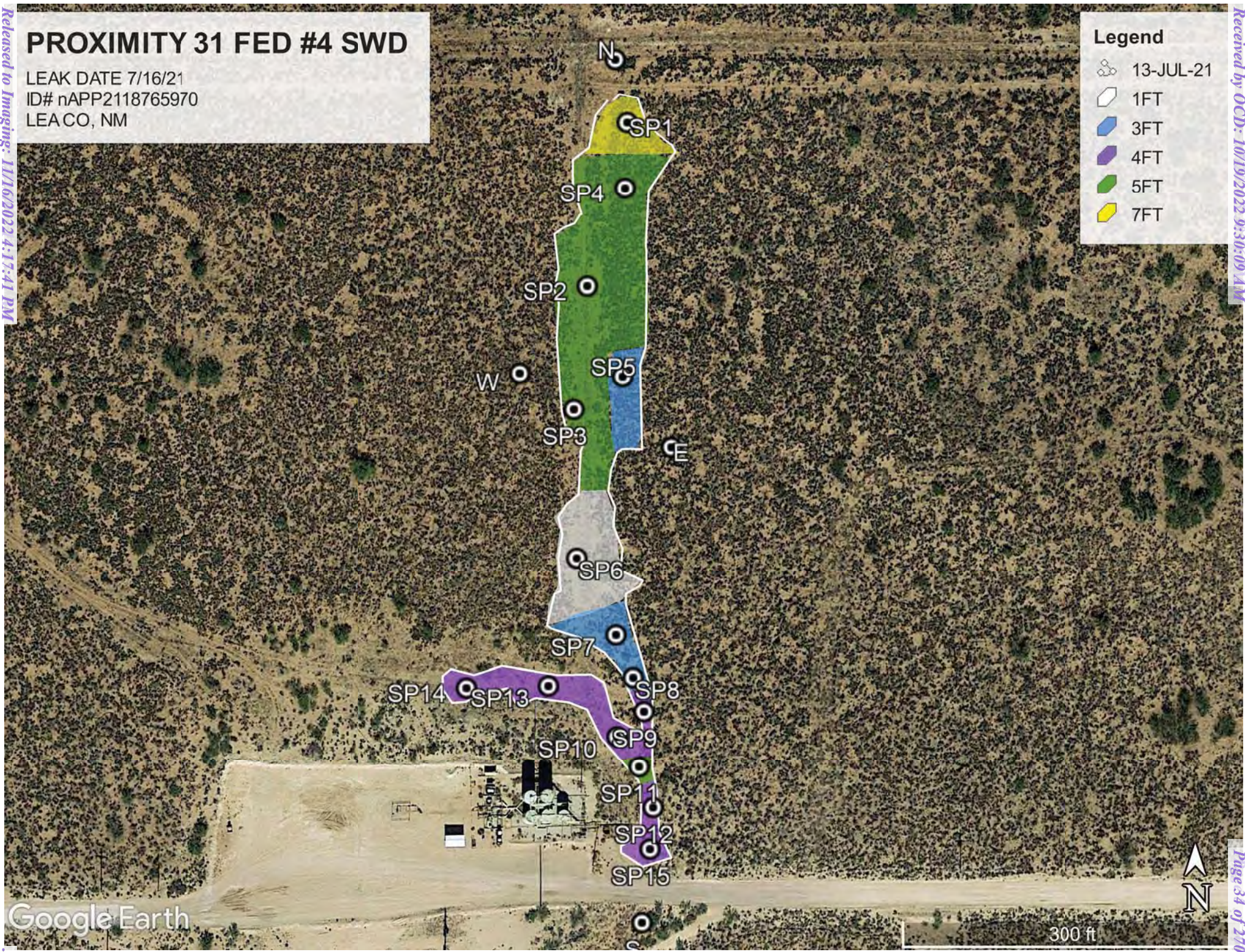
 1FT

 3FT

 4FT

 5FT

 7FT





## OXY, PROXIMITY 31 FED #4 SWD

7/16/21

## INITIAL GPS SAMPLE POINTS

SP N	N32.355276	W103.711115
SP E	N32.354336	W103.710955
SP W	N32.354516	W103.711391
SP S	N32.353183	W103.711039

SP1	N32.355125	W103.711081
SP2	N32.354727	W103.711195
SP3	N32.354428	W103.711233
SP4	N32.354965	W103.711087
SP5	N32.354508	W103.711094
SP6	N32.354067	W103.711225
SP7	N32.353881	W103.711113
SP8	N32.353778	W103.711064
SP9	N32.353696	W103.711033
SP10	N32.353635	W103.711110
SP11	N32.353561	W103.711047
SP12	N32.353462	W103.711007
SP13	N32.353758	W103.711306
SP14	N32.353753	W103.711543
SP15	N32.353361	W103.711016

## USGS Groundwater for New Mexico: Water Levels -- 1 sites

Page 1 of 2



USGS Home  
Contact USGS  
Search USGS

## National Water Information System: Web Interface

USGS Water Resources

Data Category:  Geographic Area:

Click to hide News Bulletins

- Explore the [NEW USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#)

Groundwater levels for New Mexico

Click to hide state-specific text

Important: [Next Generation Monitoring Location Page](#)

## Search Results -- 1 sites found

Agency code = usgs

site\_no list = 

- 322314103383601

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

## USGS 322314103383601 22S.32E.14.32422

Lea County, New Mexico

Latitude 32°23'14", Longitude 103°38'36" NAD27

Land-surface elevation 3,740 feet above NAVD88

The depth of the well is 380 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

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

## Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measured
1972-09-13			D	62610		3367.92	NGVD29	1	Z	
1972-09-13			D	62611		3369.60	NAVD88	1	Z	
1972-09-13			D	72019	370.40			1	Z	

## Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other
Measuring agency		Not determined



USGS Groundwater for New Mexico: Water Levels -- 1 sites

Section	Code	Description
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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**Title:** Groundwater for New Mexico: Water Levels

**URL:** <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>

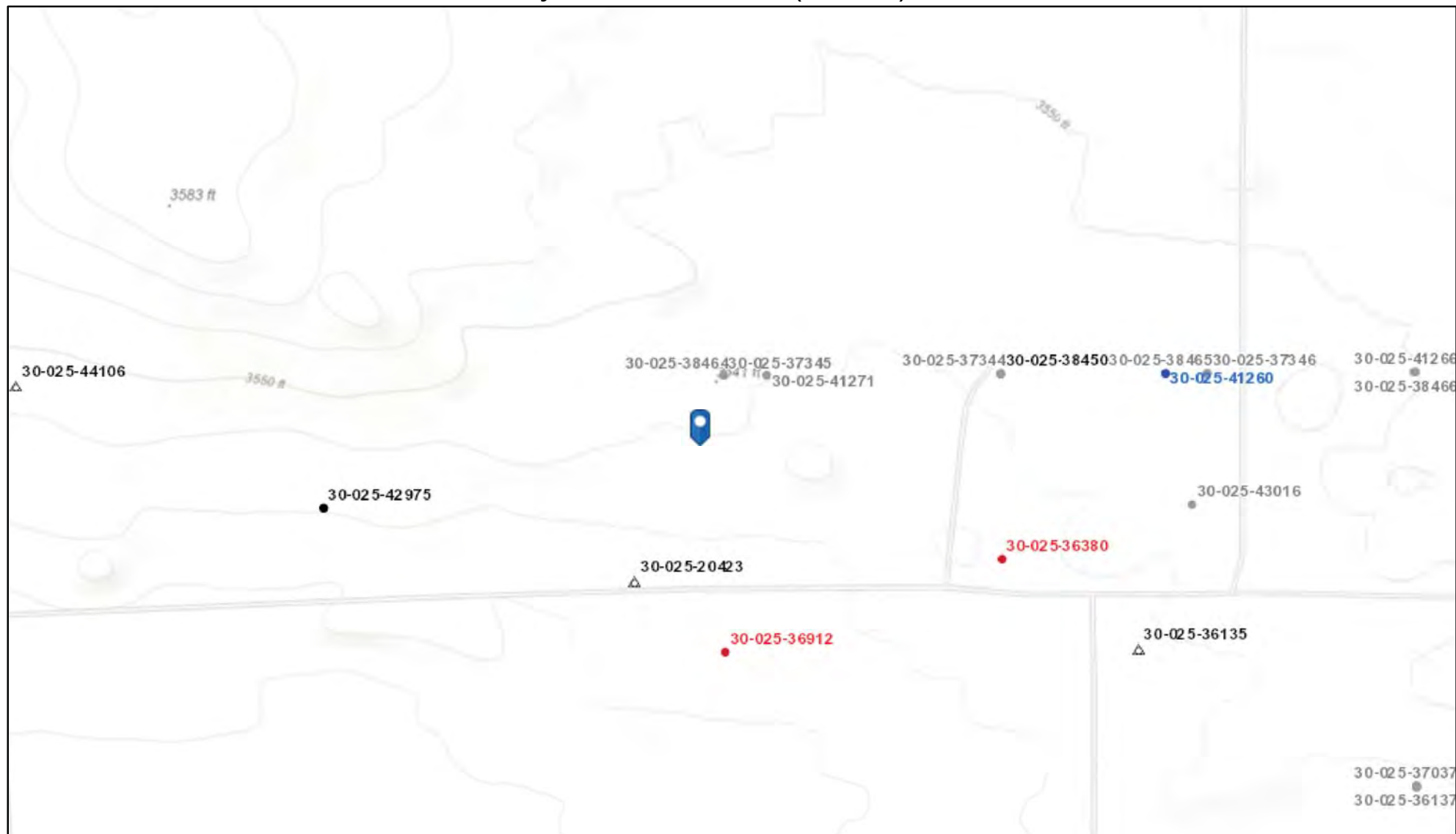


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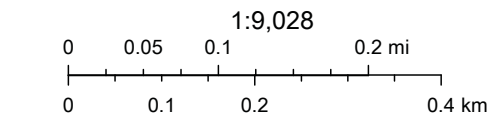
0.3 0.27 nadww01

## Proximity 31 Fed 4 SWD (7-6-21) +3000ft



8/2/2021, 4:02:37 PM

Wells - Large Scale	✱ CO2, Cancelled	✱ Gas, Active	✱ Gas, Temporarily Abandoned	✱ Injection, Plugged
✱ undefined	✱ CO2, New	✱ Gas, Cancelled	✱ Injection, Active	
✱ Miscellaneous	✱ CO2, Plugged	✱ Gas, New	✱ Injection, Cancelled	
✱ CO2, Active	✱ CO2, Temporarily Abandoned	✱ Gas, Plugged	✱ Injection, New	



Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, Intermap, USGS, METI/NASA, EPA, USDA, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., OCD

New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. <http://nm-ennrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75>: New Mexico Oil Conservation Division

# Oxy Proximity 31 Fed 4 SWD (7-6-21)

Lea County, NM

## BLM CAVE KARST MAP

### Legend

- 13-JUL-21
- CRIT
- HIGH
- LOW
- MEDIUM



Released to Imaging: 11/16/2022 4:17:41 PM

# National Flood Hazard Layer FIRMette



3°42'59"W 32°21'34"N



Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

103°42'21"W 32°21'3"N

## Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, A
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone X
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/2/2021 at 6:06 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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Page 40 of 270



Laboratory Analytical Results Summary  
OXY PROXIMITY 31 FED 4  
7/6/21

		Sample ID	North @ Surface	East @ Surface	West @ Surface	South @ Surface
Analyte	Method	Date	7/16/21	7/16/21	7/16/21	7/16/21
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		<16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0

		Sample ID	SP1 @ Surface	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 4'	SP1 @ 5'	SP1 @ 6'	SP1 @ 7'	SP1 @ 8'
Analyte	Method	Date	7/16/21	7/16/21	7/16/21	7/16/21	7/16/21	7/16/21	7/16/21	7/16/21	7/16/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	<b>0.096</b>	< 0.050	< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	< 0.050	<b>0.056</b>	< 0.050	<b>0.886</b>	<b>0.074</b>	< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	<b>0.497</b>	< 0.050	< 0.050	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<b>3.97</b>	<b>0.451</b>	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<b>5.45</b>	<b>0.525</b>	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		<b>9200</b>	<b>5440</b>	<b>4000</b>	<b>4720</b>	<b>3200</b>	<b>2200</b>	<b>656</b>	<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<b>12.8</b>	<b>84.5</b>	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<b>2590</b>	<b>1750</b>	<b>5010</b>	<b>1230</b>	<b>3630</b>	<b>159</b>	<b>11.9</b>	<10.0	<10.0
EXT DRO	TPH 8015M		<b>979</b>	<b>413</b>	<b>1550</b>	<b>362</b>	<b>852</b>	<b>35.8</b>	<10.0	<10.0	<10.0

		Sample ID	SP2 @ SURFACE	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 4'	SP2 @ 5'	SP2 @ 6'
Analyte	Method	Date	7/16/21	7/16/21	7/16/21	7/16/21	7/16/21	7/16/21	7/16/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	N/A	N/A
Chloride	SM4500Cl-B		<b>4560</b>	<b>3520</b>	<b>3760</b>	<b>880</b>	<b>688</b>	<b>16.0</b>	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		<b>709</b>	<10.0	<10.0	<10.0	<10.0	N/A	N/A
EXT DRO	TPH 8015M		<b>238</b>	<10.0	<10.0	<10.0	<10.0	N/A	N/A

Laboratory Analytical Results Summary  
OXY PROXIMITY 31 FED 4  
7/6/21

		Sample ID	SP3 @ SURFACE	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 4'	SP3 @ 5'	SP3 @ 6'
Analyte	Method	Date	7/16/21	7/16/21	7/16/21	7/16/21	7/16/21	7/16/21	7/16/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A	N/A
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A	N/A
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	N/A	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	N/A	N/A	N/A
Chloride	SM4500Cl-B		3000	2800	2760	1320	608	32.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	N/A	N/A	N/A
DRO	TPH 8015M		432	<10.0	<10.0	<10.0	N/A	N/A	N/A
EXT DRO	TPH 8015M		183	<10.0	<10.0	<10.0	N/A	N/A	N/A

		Sample ID	SP4 @ SURFACE	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'	SP4 @ 4'	SP4 @ 5'	SP4 @ 6'
Analyte	Method	Date	7/19/21	7/19/21	7/19/21	7/19/21	7/19/21	7/19/21	7/19/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	N/A	N/A	N/A	N/A
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	N/A	N/A	N/A	N/A
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	N/A	N/A	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	N/A	N/A	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	N/A	N/A	N/A	N/A
Chloride	SM4500Cl-B		1760	4560	4080	1020	624	16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	N/A	N/A	N/A	N/A
DRO	TPH 8015M		99.8	<10.0	<10.0	N/A	N/A	N/A	N/A
EXT DRO	TPH 8015M		28.6	<10.0	<10.0	N/A	N/A	N/A	N/A

		Sample ID	SP5 @ SURFACE	SP5 @ 1'	SP5 @ 2'	SP5 @ 3'	SP5 @ 4'	SP5 @ 5'
Analyte	Method	Date	7/19/21	7/19/21	7/19/21	7/19/21	7/19/21	7/19/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	N/A	N/A	N/A	N/A
Toluene	BTEX 8021B		< 0.050	< 0.050	N/A	N/A	N/A	N/A
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	N/A	N/A	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A	N/A	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A	N/A	N/A	N/A
Chloride	SM4500Cl-B		544	3520	880	496	16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A	N/A
DRO	TPH 8015M		61	<10.0	N/A	N/A	N/A	N/A
EXT DRO	TPH 8015M		11.1	<10.0	N/A	N/A	N/A	N/A

Laboratory Analytical Results Summary  
OXY PROXIMITY 31 FED 4  
7/6/21

		Sample ID	SP6 @ SURFACE	SP6 @ 1'	SP6 @ 2'	SP6 @ 3'
Analyte	Method	Date	7/19/21	7/19/21	7/19/21	7/19/21
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	N/A
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	N/A
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	N/A
Chloride	SM4500Cl-B		784	272	16.0	<16.0
GRO	TPH 8015M		<50.0	<10.0	<10.0	N/A
DRO	TPH 8015M		976	10.2	<10.0	N/A
EXT DRO	TPH 8015M		356	<10.0	<10.0	N/A

		Sample ID	SP7 @ SURFACE	SP7 @ 1'	SP7 @ 2'	SP7 @ 3'	SP7 @ 4'
Analyte	Method	Date	7/19/21	7/19/21	7/19/21	7/19/21	7/19/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	N/A	N/A	N/A
Toluene	BTEX 8021B		< 0.050	< 0.050	N/A	N/A	N/A
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	N/A	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A	N/A	N/A
Chloride	SM4500Cl-B		288	2800	784	<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A
DRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A
EXT DRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A

Laboratory Analytical Results Summary  
OXY PROXIMITY 31 FED 4  
7/6/21

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Page 44 of 270

		Sample ID	SP8 @ SURFACE	SP8 @ 1'	SP8 @ 2'	SP8 @ 3'	SP8 @ 4'
Analyte	Method	Date	7/20/21	7/20/21	7/20/21	7/20/21	7/20/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	N/A	N/A	N/A
Toluene	BTEX 8021B		< 0.050	< 0.050	N/A	N/A	N/A
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	N/A	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A	N/A	N/A
Chloride	SM4500Cl-B		1140	1220	544	32.0	<16.0
GRO	TPH 8015M		<50.0	<10.0	N/A	N/A	N/A
DRO	TPH 8015M		457	33.7	N/A	N/A	N/A
EXT DRO	TPH 8015M		121	<10.0	N/A	N/A	N/A

		Sample ID	SP9 @ SURFACE	SP9 @ 1'	SP9 @ 2'	SP9 @ 3'	SP9 @ 4'	SP9 @ 5'	SP9 @ 6'
Analyte	Method	Date	7/20/21	7/20/21	7/20/21	7/20/21	7/20/21	7/20/21	7/20/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A	N/A
Toluene	BTEX 8021B		0.054	< 0.050	< 0.050	< 0.050	N/A	N/A	N/A
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	N/A	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	N/A	N/A	N/A
Chloride	SM4500Cl-B		2560	4000	3640	784.0	544	16.0	<16.0
GRO	TPH 8015M		<50.0	<10.0	<10.0	<10.0	N/A	N/A	N/A
DRO	TPH 8015M		10400	<10.0	<10.0	<10.0	N/A	N/A	N/A
EXT DRO	TPH 8015M		3240	<10.0	<10.0	<10.0	N/A	N/A	N/A

		Sample ID	SP10 @ SURFACE	SP10 @ 1'	SP10 @ 2'	SP10 @ 3'	SP10 @ 4'	SP10 @ 5'
Analyte	Method	Date	7/20/21	7/20/21	7/20/21	7/20/21	7/20/21	7/20/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Toluene	BTEX 8021B		0.072	< 0.050	< 0.050	< 0.050	N/A	N/A
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	N/A	N/A
Chloride	SM4500Cl-B		4080	3600	1150	672	192	<16.0
GRO	TPH 8015M		<50.0	<10.0	<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		17500	<10.0	<10.0	<10.0	N/A	N/A
EXT DRO	TPH 8015M		4710	<10.0	<10.0	<10.0	N/A	N/A

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Laboratory Analytical Results Summary  
OXY PROXIMITY 31 FED 4  
7/6/21

		Sample ID	SP11 @ SURFACE	SP11 @ 1'	SP11 @ 2'	SP11 @ 3'	SP11 @ 4'	SP11 @ 5'	SP11 @ 6'
Analyte	Method	Date	7/20/21	7/20/21	7/20/21	7/20/21	7/20/21	7/20/21	7/20/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	N/A	N/A
Chloride	SM4500Cl-B		1090	4000	4000	3520	1300	416	<16.0
GRO	TPH 8015M		<50.0	<10.0	<10.0	<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		2270	<10.0	<10.0	<10.0	<10.0	N/A	N/A
EXT DRO	TPH 8015M		1090	<10.0	<10.0	<10.0	<10.0	N/A	N/A

		Sample ID	SP12 @ SURFACE	SP12 @ 1'	SP12 @ 2'	SP12 @ 3'	SP12 @ 4'	SP12 @ 5'	SP12 @ 6'
Analyte	Method	Date	7/21/21	7/21/21	7/21/21	7/21/21	7/21/21	7/21/21	7/21/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	N/A	N/A
Chloride	SM4500Cl-B		1540	4640	3160	800	512	32.0	<16.0
GRO	TPH 8015M		<50.0	<10.0	<10.0	<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		2220	<10.0	<10.0	<10.0	<10.0	N/A	N/A
EXT DRO	TPH 8015M		894	<10.0	<10.0	<10.0	<10.0	N/A	N/A

		Sample ID	SP13 @ SURFACE	SP13 @ 1'	SP13 @ 2'	SP13 @ 3'	SP13 @ 4'	SP13 @ 5'
Analyte	Method	Date	7/21/21	7/21/21	7/21/21	7/21/21	7/21/21	7/21/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	N/A	N/A
Chloride	SM4500Cl-B		3760	3400	768	352	<16.0	32.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		2000	<10.0	<10.0	<10.0	N/A	N/A
EXT DRO	TPH 8015M		821	<10.0	<10.0	<10.0	N/A	N/A

Laboratory Analytical Results Summary  
 OXY PROXIMITY 31 FED 4  
 7/6/21

		Sample ID	SP14 @ SURFACE	SP14 @ 1'	SP14 @ 2'	SP14 @ 3'	SP14 @ 4'	SP14 @ 5'
Analyte	Method	Date	7/21/21	7/21/21	7/21/21	7/21/21	7/21/21	7/21/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	N/A	N/A
Chloride	SM4500Cl-B		2800	3520	768	624	160	<16.0
GRO	TPH 8015M		<50.0	<10.0	<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		13000	31.3	<10.0	<10.0	N/A	N/A
EXT DRO	TPH 8015M		3800	35.7	<10.0	<10.0	N/A	N/A

		Sample ID	SP15 @ SURFACE	SP15 @ 1'	SP15 @ 2'	SP15 @ 3'	SP15 @ 4'	SP15 @ 5'
Analyte	Method	Date	7/21/21	7/21/21	7/21/21	7/21/21	7/21/21	7/21/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	N/A	N/A
Chloride	SM4500Cl-B		0.071	4800	3280	720	176	32.0
GRO	TPH 8015M		<50.0	<10.0	<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		6280	19.7	<10.0	<10.0	N/A	N/A
EXT DRO	TPH 8015M		2160	22.2	<10.0	<10.0	N/A	N/A



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August 02, 2021

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: PROXIMITY 31 FED 4 SWD

Enclosed are the results of analyses for samples received by the laboratory on 07/26/21 16:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [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, flowing style.

Celey D. Keene

Lab Director/Quality Manager





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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP N @ SURFACE (H211968-01)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.80	89.8	2.00	7.00		
Toluene*	<0.050	0.050	07/27/2021	ND	1.93	96.6	2.00	7.03		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.89	94.7	2.00	6.89		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.70	95.0	6.00	6.84		
Total BTX	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	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	07/28/2021	ND	205	102	200	2.48	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	213	106	200	0.474	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 84.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.2 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP E @ SURFACE (H211968-02)**

BTX 8021B			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.80	89.8	2.00	7.00		
Toluene*	<0.050	0.050	07/27/2021	ND	1.93	96.6	2.00	7.03		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.89	94.7	2.00	6.89		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.70	95.0	6.00	6.84		
Total BTX	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	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	07/28/2021	ND	205	102	200	2.48		
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	213	106	200	0.474		
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND						

Surrogate: 1-Chlorooctane 87.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP W @ SURFACE (H211968-03)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.80	89.8	2.00	7.00		
Toluene*	<0.050	0.050	07/27/2021	ND	1.93	96.6	2.00	7.03		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.89	94.7	2.00	6.89		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.70	95.0	6.00	6.84		
Total BTX	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	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	07/28/2021	ND	205	102	200	2.48	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	213	106	200	0.474	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 86.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP S @ SURFACE (H211968-04)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.80	89.8	2.00	7.00		
Toluene*	<0.050	0.050	07/27/2021	ND	1.93	96.6	2.00	7.03		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.89	94.7	2.00	6.89		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.70	95.0	6.00	6.84		
Total BTEx	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/29/2021	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	07/28/2021	ND	205	102	200	2.48	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	213	106	200	0.474	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 83.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 1 @ SURFACE (H211968-05)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.80	89.8	2.00	7.00		
Toluene*	<0.050	0.050	07/27/2021	ND	1.93	96.6	2.00	7.03		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.89	94.7	2.00	6.89		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.70	95.0	6.00	6.84		
Total BTX	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9200	16.0	07/29/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	205	102	200	2.48	
DRO >C10-C28*	2590	10.0	07/28/2021	ND	213	106	200	0.474	
EXT DRO >C28-C36	979	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 86.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 183 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 1 @ 1' (H211968-06)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.80	89.8	2.00	7.00		
Toluene*	<0.050	0.050	07/27/2021	ND	1.93	96.6	2.00	7.03		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.89	94.7	2.00	6.89		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.70	95.0	6.00	6.84		
Total BTX	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5440	16.0	07/29/2021	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	07/28/2021	ND	205	102	200	2.48	
DRO >C10-C28*	1750	10.0	07/28/2021	ND	213	106	200	0.474	
EXT DRO >C28-C36	413	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 89.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 125 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 1 @ 2' (H211968-07)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.80	89.8	2.00	7.00		
Toluene*	0.056	0.050	07/28/2021	ND	1.93	96.6	2.00	7.03		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.89	94.7	2.00	6.89		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.70	95.0	6.00	6.84		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4000	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	205	102	200	2.48	
DRO >C10-C28*	5010	10.0	07/28/2021	ND	213	106	200	0.474	
EXT DRO >C28-C36	1550	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 89.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 262 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 1 @ 3' (H211968-08)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2021	ND	1.80	89.8	2.00	7.00	
Toluene*	<0.050	0.050	07/27/2021	ND	1.93	96.6	2.00	7.03	
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.89	94.7	2.00	6.89	
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.70	95.0	6.00	6.84	
Total BTX	<0.300	0.300	07/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4720	16.0	07/29/2021	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*	12.8	10.0	07/28/2021	ND	205	102	200	2.48	
DRO >C10-C28*	1230	10.0	07/28/2021	ND	213	106	200	0.474	
EXT DRO >C28-C36	362	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 87.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 116 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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:	07/26/2021	Sampling Date:	07/16/2021
Reported:	08/02/2021	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED 4 SWD	Sampling Condition:	Cool & Intact
Project Number:	( 7/6/21 )	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: SP 1 @ 4' (H211968-09)**

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.096</b>	0.050	07/28/2021	ND	1.80	89.8	2.00	7.00	
<b>Toluene*</b>	<b>0.886</b>	0.050	07/28/2021	ND	1.93	96.6	2.00	7.03	
<b>Ethylbenzene*</b>	<b>0.497</b>	0.050	07/28/2021	ND	1.89	94.7	2.00	6.89	
<b>Total Xylenes*</b>	<b>3.97</b>	0.150	07/28/2021	ND	5.70	95.0	6.00	6.84	
<b>Total BTX</b>	<b>5.45</b>	0.300	07/28/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 179 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>3200</b>	16.0	07/29/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>84.5</b>	10.0	07/28/2021	ND	205	102	200	2.48	
<b>DRO &gt;C10-C28*</b>	<b>3630</b>	10.0	07/28/2021	ND	213	106	200	0.474	
<b>EXT DRO &gt;C28-C36</b>	<b>852</b>	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 113 % 44.3-133

Surrogate: 1-Chlorooctadecane 175 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 1 @ 5' (H211968-10)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	0.074	0.050	07/28/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	0.451	0.150	07/28/2021	ND	5.85	97.6	6.00	8.86		
Total BTX	0.525	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2200	16.0	07/29/2021	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	07/28/2021	ND	205	102	200	2.48	
DRO >C10-C28*	159	10.0	07/28/2021	ND	213	106	200	0.474	
EXT DRO >C28-C36	35.8	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 82.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 1 @ 6' (H211968-11)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/27/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.85	97.6	6.00	8.86		
Total BTX	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	07/29/2021	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	07/28/2021	ND	187	93.3	200	7.07	
DRO >C10-C28*	11.9	10.0	07/28/2021	ND	204	102	200	1.14	QM-07
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 105 % 44.3-133

Surrogate: 1-Chlorooctadecane 118 % 38.9-142

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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 1 @ 7' (H211968-12)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/27/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.85	97.6	6.00	8.86		
Total BTX	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	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	07/28/2021	ND	187	93.3	200	7.07	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	204	102	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 106 % 44.3-133

Surrogate: 1-Chlorooctadecane 120 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 1 @ 8' (H211968-13)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/27/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.85	97.6	6.00	8.86		
Total BTEx	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	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	07/28/2021	ND	187	93.3	200	7.07	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	204	102	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 114 % 44.3-133

Surrogate: 1-Chlorooctadecane 130 % 38.9-142

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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 2 @ SURFACE (H211968-14)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/28/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.85	97.6	6.00	8.86		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4560	16.0	07/29/2021	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	07/28/2021	ND	187	93.3	200	7.07	
DRO >C10-C28*	709	10.0	07/28/2021	ND	204	102	200	1.14	
EXT DRO >C28-C36	238	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 104 % 44.3-133

Surrogate: 1-Chlorooctadecane 126 % 38.9-142

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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 2 @ 1' (H211968-15)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/27/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.85	97.6	6.00	8.86		
Total BTX	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3520	16.0	07/29/2021	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	07/28/2021	ND	187	93.3	200	7.07	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	204	102	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 106 % 44.3-133

Surrogate: 1-Chlorooctadecane 118 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 2 @ 2' (H211968-16)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/27/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.85	97.6	6.00	8.86		
Total BTEx	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3760	16.0	07/29/2021	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	07/28/2021	ND	187	93.3	200	7.07	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	204	102	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 99.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 111 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 2 @ 3' (H211968-17)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/27/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.85	97.6	6.00	8.86		
Total BTX	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	07/29/2021	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	07/28/2021	ND	187	93.3	200	7.07	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	204	102	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 105 % 44.3-133

Surrogate: 1-Chlorooctadecane 121 % 38.9-142

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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 2 @ 4' (H211968-18)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/27/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.85	97.6	6.00	8.86		
Total BTX	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	07/29/2021	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	07/28/2021	ND	187	93.3	200	7.07	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	204	102	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 106 % 44.3-133

Surrogate: 1-Chlorooctadecane 119 % 38.9-142

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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:	07/26/2021	Sampling Date:	07/16/2021
Reported:	08/02/2021	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED 4 SWD	Sampling Condition:	Cool & Intact
Project Number:	( 7/6/21 )	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: SP 2 @ 5' (H211968-19)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/29/2021	ND	400	100	400	3.92		

**Sample ID: SP 2 @ 6' (H211968-20)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	ND	400	100	400	3.92		

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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 3 @ SURFACE (H211968-21)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/27/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.85	97.6	6.00	8.86		
Total BTEx	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3000	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	187	93.3	200	7.07	
DRO >C10-C28*	432	10.0	07/28/2021	ND	204	102	200	1.14	
EXT DRO >C28-C36	183	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 104 % 44.3-133

Surrogate: 1-Chlorooctadecane 146 % 38.9-142

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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 3 @ 1' (H211968-22)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/27/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.85	97.6	6.00	8.86		
Total BTEx	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2800	16.0	07/29/2021	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	07/28/2021	ND	187	93.3	200	7.07	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	204	102	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 101 % 44.3-133

Surrogate: 1-Chlorooctadecane 114 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 3 @ 2' (H211968-23)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/27/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.85	97.6	6.00	8.86		
Total BTX	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2760	16.0	07/29/2021	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	187	93.3	200	7.07	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	204	102	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 102 % 44.3-133

Surrogate: 1-Chlorooctadecane 114 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 3 @ 3' (H211968-24)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/27/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.85	97.6	6.00	8.86		
Total BTX	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1320	16.0	07/29/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	197	98.3	200	1.97	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	201	101	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 69.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 64.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 3 @ 4' (H211968-25)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	608	16.0	07/29/2021	ND	432	108	400	0.00		

**Sample ID: SP 3 @ 5' (H211968-26)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/29/2021	ND	432	108	400	0.00		

**Sample ID: SP 3 @ 6' (H211968-27)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	ND	432	108	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager





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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/19/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 4 @ SURFACE (H211968-28)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2021	ND	1.92	95.9	2.00	7.24	
Toluene*	<0.050	0.050	07/27/2021	ND	2.05	102	2.00	8.17	
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.97	98.7	2.00	7.96	
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.85	97.6	6.00	8.86	
Total BTX	<0.300	0.300	07/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	07/29/2021	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	197	98.3	200	1.97	
DRO >C10-C28*	99.8	10.0	07/28/2021	ND	201	101	200	0.185	
EXT DRO >C28-C36	28.6	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 70.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 72.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/19/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 4 @ 1' (H211968-29)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/28/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.85	97.6	6.00	8.86		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4560	16.0	07/29/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	197	98.3	200	1.97	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	201	101	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 69.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 63.1 % 38.9-142

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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/19/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 4 @ 2' (H211968-30)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/28/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.85	97.6	6.00	8.86		
Total BTEx	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4080	16.0	07/29/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	197	98.3	200	1.97	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	201	101	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 69.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 64.4 % 38.9-142

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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/19/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 4 @ 3' (H211968-31)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1020	16.0	07/29/2021	ND	432	108	400	0.00		

**Sample ID: SP 4 @ 4' (H211968-32)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	624	16.0	07/29/2021	ND	432	108	400	0.00		

**Sample ID: SP 4 @ 5' (H211968-33)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/29/2021	ND	432	108	400	0.00		

**Sample ID: SP 4 @ 6' (H211968-34)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	ND	400	100	400	3.92		

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

Received: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/19/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 5 @ SURFACE (H211968-35)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/28/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.85	97.6	6.00	8.86		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	07/29/2021	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	07/28/2021	ND	197	98.3	200	1.97	
DRO >C10-C28*	61.0	10.0	07/28/2021	ND	201	101	200	0.185	
EXT DRO >C28-C36	11.1	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 67.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 67.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/19/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 5 @ 1' (H211968-36)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/28/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.85	97.6	6.00	8.86		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3520	16.0	07/29/2021	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	07/28/2021	ND	197	98.3	200	1.97	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	201	101	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 72.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 66.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/19/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 5 @ 2' (H211968-37)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	880	16.0	07/29/2021	ND	400	100	400	3.92		

**Sample ID: SP 5 @ 3' (H211968-38)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	07/29/2021	ND	400	100	400	3.92	

**Sample ID: SP 5 @ 4' (H211968-39)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/29/2021	ND	400	100	400	3.92	

**Sample ID: SP 5 @ 5' (H211968-40)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	ND	400	100	400	3.92		

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

Received: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/19/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 6 @ SURFACE (H211968-41)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/28/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.85	97.6	6.00	8.86		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	784	16.0	07/29/2021	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*	<50.0	50.0	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	976	50.0	07/28/2021	ND	190	94.9	200	7.08	QM-07, QR-03
EXT DRO >C28-C36	356	50.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 81.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 111 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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 Cliff Brunson  
 P.O. Box 805  
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 Fax To: (575) 397-0397

Received: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/19/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 6 @ 1' (H211968-42)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/28/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.85	97.6	6.00	8.86		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	07/29/2021	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	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	10.2	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 86.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.2 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/19/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 6 @ 2' (H211968-43)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/29/2021	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	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 83.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/19/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 6 @ 3' (H211968-44)****Chloride, SM4500Cl-B****mg/kg****Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/29/2021	ND	400	100	400	3.92	

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

Received: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/19/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 7 @ SURFACE (H211968-45)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	07/29/2021	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	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 85.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/19/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 7 @ 1' (H211968-46)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTEx	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2800	16.0	07/29/2021	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	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 84.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/19/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 7 @ 2' (H211968-47)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	784	16.0	07/29/2021	ND	400	100	400	3.92		

**Sample ID: SP 7 @ 3' (H211968-48)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	ND	400	100	400	3.92		

**Sample ID: SP 7 @ 4' (H211968-49)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	ND	400	100	400	3.92		

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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 8 @ SURFACE (H211968-50)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88	
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58	
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26	
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98	
Total BTX	<0.300	0.300	07/28/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1140	16.0	07/29/2021	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*	<50.0	50.0	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	457	50.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	121	50.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 90.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 112 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 8 @ 1' (H211968-51)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1220	16.0	07/29/2021	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	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	33.7	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 88.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 102 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 8 @ 2' (H211968-52)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	544	16.0	07/29/2021	ND	400	100	400	3.92		

**Sample ID: SP 8 @ 3' (H211968-53)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/29/2021	ND	400	100	400	3.92	

**Sample ID: SP 8 @ 4' (H211968-54)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/29/2021	ND	400	100	400	3.92	

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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 9 @ SURFACE (H211968-55)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88	
Toluene*	0.054	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58	
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26	
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98	
Total BTEx	<0.300	0.300	07/28/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2560	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	10400	50.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	3240	50.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 86.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 378 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 9 @ 1' (H211968-56)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4000	16.0	07/29/2021	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	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 85.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 9 @ 2' (H211968-57)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3640	16.0	07/29/2021	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	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 89.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.9 % 38.9-142

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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 9 @ 3' (H211968-58)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	784	16.0	07/29/2021	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	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 89.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.2 % 38.9-142

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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 9 @ 4' (H211968-59)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	544	16.0	07/29/2021	ND	400	100	400	3.92		

**Sample ID: SP 9 @ 5' (H211968-60)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/29/2021	ND	400	100	400	3.92		

**Sample ID: SP 9 @ 6' (H211968-61)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	ND	400	100	400	3.92		

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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 10 @ SURFACE (H211968-62)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	0.072	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTEx	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4080	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	17500	50.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	4710	50.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 89.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 657 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 10 @ 1' (H211968-63)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3600	16.0	07/29/2021	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	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 85.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 10 @ 2' (H211968-64)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88	
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58	
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26	
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98	
Total BTX	<0.300	0.300	07/28/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1150	16.0	07/29/2021	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	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 87.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 96.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 10 @ 3' (H211968-65)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	672	16.0	07/29/2021	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	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 87.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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:	07/26/2021	Sampling Date:	07/20/2021
Reported:	08/02/2021	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED 4 SWD	Sampling Condition:	Cool & Intact
Project Number:	( 7/6/21 )	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: SP 10 @ 4' (H211968-66)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	07/29/2021	ND	400	100	400	3.92		

**Sample ID: SP 10 @ 5' (H211968-67)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/29/2021	ND	400	100	400	3.92	

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 11 @ SURFACE (H211968-68)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTEx	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1090	16.0	07/29/2021	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*	<50.0	50.0	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	2270	50.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	1090	50.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 89.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 135 % 38.9-142

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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 11 @ 1' (H211968-69)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	07/29/2021	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	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 88.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 11 @ 2' (H211968-70)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTEx	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4000	16.0	07/29/2021	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	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 86.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.3 % 38.9-142

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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 11 @ 3' (H211968-71)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88	
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58	
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26	
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98	
Total BTX	<0.300	0.300	07/28/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3520	16.0	07/29/2021	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	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 86.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.5 % 38.9-142

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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 11 @ 4' (H211968-72)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88	
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58	
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26	
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98	
Total BTX	<0.300	0.300	07/28/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1300	16.0	07/29/2021	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	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 85.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 96.9 % 38.9-142

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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:	07/26/2021	Sampling Date:	07/20/2021
Reported:	08/02/2021	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED 4 SWD	Sampling Condition:	Cool & Intact
Project Number:	( 7/6/21 )	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: SP 11 @ 5' (H211968-73)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	07/29/2021	ND	400	100	400	3.92		

**Sample ID: SP 11 @ 6' (H211968-74)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	ND	432	108	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 12 @ SURFACE (H211968-75)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1540	16.0	07/29/2021	ND	432	108	400	0.00		
TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<50.0	50.0	07/28/2021	ND	204	102	200	2.29		
DRO >C10-C28*	2220	50.0	07/28/2021	ND	185	92.7	200	4.84	QM-07, QR-03	
EXT DRO >C28-C36	895	50.0	07/28/2021	ND						

Surrogate: 1-Chlorooctane 69.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 159 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 12 @ 1' (H211968-76)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTEx	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4640	16.0	07/29/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	204	102	200	2.29	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 74.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 71.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 12 @ 2' (H211968-77)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.95	97.5	2.00	5.75		
Toluene*	<0.050	0.050	07/28/2021	ND	2.07	103	2.00	6.34		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	2.02	101	2.00	4.13		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	6.04	101	6.00	4.63		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3160	16.0	07/29/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	204	102	200	2.29	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 74.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 69.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 12 @ 3' (H211968-78)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.95	97.5	2.00	5.75		
Toluene*	<0.050	0.050	07/28/2021	ND	2.07	103	2.00	6.34		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	2.02	101	2.00	4.13		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	6.04	101	6.00	4.63		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	800	16.0	07/29/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	204	102	200	2.29	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 76.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 71.1 % 38.9-142

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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 12 @ 4' (H211968-79)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	512	16.0	07/29/2021	ND	432	108	400	0.00		

**Sample ID: SP 12 @ 5' (H211968-80)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/29/2021	ND	432	108	400	0.00		

**Sample ID: SP 12 @ 6' (H211968-81)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/29/2021	ND	432	108	400	0.00	

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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 13 @ SURFACE (H211968-82)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.95	97.5	2.00	5.75		
Toluene*	<0.050	0.050	07/28/2021	ND	2.07	103	2.00	6.34		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	2.02	101	2.00	4.13		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	6.04	101	6.00	4.63		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3760	16.0	07/29/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2021	ND	204	102	200	2.29	
DRO >C10-C28*	2000	10.0	07/29/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	821	10.0	07/29/2021	ND					

Surrogate: 1-Chlorooctane 70.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 139 % 38.9-142

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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 13 @ 1' (H211968-83)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.95	97.5	2.00	5.75		
Toluene*	<0.050	0.050	07/28/2021	ND	2.07	103	2.00	6.34		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	2.02	101	2.00	4.13		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	6.04	101	6.00	4.63		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3400	16.0	07/29/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	204	102	200	2.29	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 74.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 71.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 13 @ 2' (H211968-84)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.95	97.5	2.00	5.75		
Toluene*	<0.050	0.050	07/28/2021	ND	2.07	103	2.00	6.34		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	2.02	101	2.00	4.13		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	6.04	101	6.00	4.63		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	768	16.0	07/29/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	204	102	200	2.29	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 74.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 71.6 % 38.9-142

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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 13 @ 3' (H211968-85)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.95	97.5	2.00	5.75		
Toluene*	<0.050	0.050	07/28/2021	ND	2.07	103	2.00	6.34		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	2.02	101	2.00	4.13		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	6.04	101	6.00	4.63		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	07/29/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	204	102	200	2.29	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 72.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 68.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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:	07/26/2021	Sampling Date:	07/21/2021
Reported:	08/02/2021	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED 4 SWD	Sampling Condition:	Cool & Intact
Project Number:	( 7/6/21 )	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: SP 13 @ 4' (H211968-86)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	ND	432	108	400	0.00		

**Sample ID: SP 13 @ 5' (H211968-87)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/29/2021	ND	432	108	400	0.00	

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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 14 @ SURFACE (H211968-88)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.95	97.5	2.00	5.75		
Toluene*	<0.050	0.050	07/28/2021	ND	2.07	103	2.00	6.34		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	2.02	101	2.00	4.13		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	6.04	101	6.00	4.63		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2800	16.0	07/29/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	07/28/2021	ND	204	102	200	2.29	
DRO >C10-C28*	13000	50.0	07/28/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	3800	50.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 81.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 488 % 38.9-142

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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 14 @ 1' (H211968-89)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.95	97.5	2.00	5.75		
Toluene*	<0.050	0.050	07/28/2021	ND	2.07	103	2.00	6.34		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	2.02	101	2.00	4.13		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	6.04	101	6.00	4.63		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3520	16.0	07/29/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	204	102	200	2.29	
DRO >C10-C28*	31.3	10.0	07/28/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	35.7	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 75.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 72.2 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 14 @ 2' (H211968-90)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.95	97.5	2.00	5.75		
Toluene*	<0.050	0.050	07/28/2021	ND	2.07	103	2.00	6.34		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	2.02	101	2.00	4.13		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	6.04	101	6.00	4.63		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	07/29/2021	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	204	102	200	2.29	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 74.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 69.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 14 @ 3' (H211968-91)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.95	97.5	2.00	5.75		
Toluene*	<0.050	0.050	07/28/2021	ND	2.07	103	2.00	6.34		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	2.02	101	2.00	4.13		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	6.04	101	6.00	4.63		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	624	16.0	07/29/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	204	102	200	2.29	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 73.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 68.6 % 38.9-142

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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:	07/26/2021	Sampling Date:	07/21/2021
Reported:	08/02/2021	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED 4 SWD	Sampling Condition:	Cool & Intact
Project Number:	( 7/6/21 )	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: SP 14 @ 4' (H211968-92)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	07/29/2021	ND	432	108	400	0.00		

**Sample ID: SP 14 @ 5' (H211968-93)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/29/2021	ND	432	108	400	0.00	

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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 15 @ SURFACE (H211968-94)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.95	97.5	2.00	5.75		
Toluene*	0.071	0.050	07/28/2021	ND	2.07	103	2.00	6.34		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	2.02	101	2.00	4.13		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	6.04	101	6.00	4.63		
Total BTEx	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8930	16.0	07/29/2021	ND	416	104	400	3.77	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	07/28/2021	ND	204	102	200	2.29	
DRO >C10-C28*	6280	50.0	07/28/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	2160	50.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 70.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 296 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 15 @ 1' (H211968-95)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/28/2021	ND	1.95	97.5	2.00	5.75	
Toluene*	<0.050	0.050	07/28/2021	ND	2.07	103	2.00	6.34	
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	2.02	101	2.00	4.13	
Total Xylenes*	<0.150	0.150	07/28/2021	ND	6.04	101	6.00	4.63	
Total BTX	<0.300	0.300	07/28/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4800	16.0	07/29/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	204	102	200	2.29	
DRO >C10-C28*	19.7	10.0	07/28/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	22.2	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 69.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 65.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 15 @ 2' (H211968-96)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.95	97.5	2.00	5.75		
Toluene*	<0.050	0.050	07/28/2021	ND	2.07	103	2.00	6.34		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	2.02	101	2.00	4.13		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	6.04	101	6.00	4.63		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3280	16.0	07/29/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	204	102	200	2.29	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 74.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 68.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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: 07/26/2021  
 Reported: 08/02/2021  
 Project Name: PROXIMITY 31 FED 4 SWD  
 Project Number: ( 7/6/21 )  
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 15 @ 3' (H211968-97)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.84	92.0	2.00	2.62		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.6	2.00	2.21		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.93	96.7	2.00	2.77		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.78	96.4	6.00	2.57		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	720	16.0	07/29/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	204	102	200	2.29	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 72.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 65.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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:	07/26/2021	Sampling Date:	07/21/2021
Reported:	08/02/2021	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED 4 SWD	Sampling Condition:	Cool & Intact
Project Number:	( 7/6/21 )	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

**Sample ID: SP 15 @ 4' (H211968-98)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	07/29/2021	ND	416	104	400	3.77		

**Sample ID: SP 15 @ 5' (H211968-99)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/29/2021	ND	416	104	400	3.77		

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### Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04	The RPD for the BS/BSD was outside of historical limits.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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# 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.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: PROXIMITY 31 FED 4 SWD (7/6/21)

Project Location: NEW MEXICO

Sampler Name: SIMON RENDON

FOR LAB USE ONLY

### BILL TO

P.O. #:

Company: Oxy

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

### ANALYSIS REQUEST

Lab I.D.

Sample I.D.

4/21/1968

SP N @ SURFACE	SP E @ SURFACE	SP W @ SURFACE	SP S @ SURFACE	SP 1 @ SURFACE	SP 1 @ 1'	SP 1 @ 2'	SP 1 @ 3'	SP 1 @ 4'	SP 1 @ 5'	DATE	TIME	Chloride	BTEX	TPH Ext.
1	2	3	4	5	6	7	8	9	10	7-16-21	8:45 AM	✓	✓	✓
SP N @ SURFACE	SP E @ SURFACE	SP W @ SURFACE	SP S @ SURFACE	SP 1 @ SURFACE	SP 1 @ 1'	SP 1 @ 2'	SP 1 @ 3'	SP 1 @ 4'	SP 1 @ 5'	7-16-21	9:05 AM	✓	✓	✓
										7-16-21	9:22 AM	✓	✓	✓
										7-16-21	9:43 AM	✓	✓	✓
										7-16-21	10:05 AM	✓	✓	✓
										7-16-21	10:23 AM	✓	✓	✓
										7-16-21	10:34 AM	✓	✓	✓
										7-16-21	10:49 AM	✓	✓	✓
										7-16-21	11:10 AM	✓	✓	✓
										7-16-21	11:19 AM	✓	✓	✓

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Relinquished By:

Date: 7/16/21

Received By:

Relinquished By:

Date: 7/16/21

Received By:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

3.3c #113

Sample Condition  
Cool ☐ Intact ☐  
Yes ☐ No ☐

CHECKED BY: (Initials)

Phone Result: ☐ Yes ☐ No Add'l Phone #:  
Fax Result: ☐ Yes ☐ No Add'l Fax #:

REMARKS:

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





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

Page 81 of 89





# 404 CARDINAL LABORATORIES

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### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> BBC International, Inc. <b>Project Manager:</b> Cliff Brunson <b>Address:</b> P.O. Box 805 <b>City:</b> Hobbs <b>State:</b> NM <b>Zip:</b> 88241 <b>Phone #:</b> 575-397-6388 <b>Fax #:</b> 575-397-0397 <b>Project #:</b> <b>Project Name:</b> PROXIMITY 31 FED 4 SWD (7/6/21) <b>Project Location:</b> NEW MEXICO <b>Sampler Name:</b> SIMON RENDON										<b>BILL TO</b> <b>P.O. #:</b> <b>Company:</b> Oxy <b>Attn:</b> <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>									
<b>FOR LAB USE ONLY</b> <b>Lab I.D.</b> <b>Sample I.D.</b> H211968										<b>MATRIX</b> <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER:									
<b>DATE</b> <b>TIME</b> 7-16-21 2:26 PM 7-16-21 2:41 PM 7-16-21 2:54 PM 7-16-21 3:09 PM 7-16-21 3:18 PM 7-16-21 3:25 PM 7-16-21 3:37 PM 7-19-21 8:40 AM 7-19-21 8:53 AM 7-19-21 9:12 AM										<b>ANALYSIS REQUEST</b> Chloride BTEX TPH Ext.									

Lab I.D.	Sample I.D.	DATE	TIME	Chloride	BTEX	TPH Ext.
21	SP 3 @ SURFACE	7-16-21	2:26 PM	✓	✓	✓
22	SP 3 @ 1'	7-16-21	2:41 PM	✓	✓	✓
23	SP 3 @ 2'	7-16-21	2:54 PM	✓	✓	✓
24	SP 3 @ 3'	7-16-21	3:09 PM	✓	✓	✓
25	SP 3 @ 4'	7-16-21	3:18 PM	✓	✓	✓
26	SP 3 @ 5'	7-16-21	3:25 PM	✓	✓	✓
27	SP 3 @ 6'	7-16-21	3:37 PM	✓	✓	✓
28	SP 4 @ SURFACE	7-19-21	8:40 AM	✓	✓	✓
29	SP 4 @ 1'	7-19-21	8:53 AM	✓	✓	✓
30	SP 4 @ 2'	7-19-21	9:12 AM	✓	✓	✓

PLEASE NOTE: Liability and Damages: Cardholder's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the service. In no event shall Cardholder be liable for incidental or consequential damages, including without limitation, business interruptions, loss of profits, loss of or damage to data, or other damages, arising out of or related to the performance of services hereunder by Cardholder, regardless of whether such claim is based in contract or tort, or any other theory of liability.

<b>Relinquished By:</b> Simon Rendón Date: 7/16/21 Time: 6:00 PM Received By: Jace Hena Date: 7/16/21 Time: 4:45 PM	<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b> <b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Fax #:</b> <b>REMARKS:</b>
---	---

Delivered By: (Circle One) **3.3c #113**

Sampler - UPS - Bus - Other:





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### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> BBC International, Inc. <b>Project Manager:</b> Cliff Brunson <b>Address:</b> P.O. Box 805 <b>City:</b> Hobbs <b>Phone #:</b> 575-397-6388 <b>Project #:</b> <b>Project Name:</b> PROXIMITY 31 FED 4 SWD (7/6/21) <b>Project Location:</b> NEW MEXICO <b>Sample Name:</b> SIMON RENDON				<b>P.O. #:</b> <b>Company:</b> Oxy <b>Attn:</b> <b>Address:</b> <b>City:</b> <b>State:</b> Zip: <b>Phone #:</b> <b>Fax #:</b>							
<b>FOR LAB USE ONLY</b>				<b>BILL TO</b>							
<b>Lab I.D.</b>				<b>Sample I.D.</b>							
31 SP 4 @ 3' 32 SP 4 @ 4' 33 SP 4 @ 5' 34 SP 4 @ 6' 35 SP 5 @ SURFACE 36 SP 5 @ 1' 37 SP 5 @ 2' 38 SP 5 @ 3' 39 SP 5 @ 4' 40 SP 5 @ 5'				(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : DATE TIME				MATRIX PRESERV SAMPLING			
31 32 33 34 35 36 37 38 39 40				7-19-21 9:21 AM 7-19-21 9:32 AM 7-19-21 9:45 AM 7-19-21 9:56 AM 7-19-21 10:22 AM 7-19-21 10:31 AM 7-19-21 10:45 AM 7-19-21 11:02 AM 7-19-21 11:40 AM 7-19-21 11:52 AM				Chloride BTEX TPH EXT.			
<b>PLEASE NOTE:</b> Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising hereunder shall be limited to the amount paid by the client for the service. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal. Notwithstanding to whether such claim is based upon any of the above stated remedies or otherwise.				<b>Relinquished By:</b> [Signature] <b>Date:</b> 7-19-21 <b>Time:</b> 8:00 AM <b>Received By:</b> [Signature] <b>Date:</b> 7-19-21 <b>Time:</b> 4:45 PM				<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: <b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Fax #: <b>REMARKS:</b>			
<b>Relinquished By:</b> [Signature] <b>Date:</b> 7-19-21 <b>Time:</b> 8:00 AM <b>Received By:</b> [Signature] <b>Date:</b> 7-19-21 <b>Time:</b> 4:45 PM				<b>Sample Condition</b> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No Intact <input type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: (Initials)							
<b>Delivered By:</b> (Circle One) Sampler - UPS - Bus - Other:				3.3C #1/3							





## ARDINAL LABORATORIES

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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: Project Name: PROXIMITY 31 FED 4 SWD (7/6/21) Project Location: NEW MEXICO Sampler Name: SIMON RENDON		P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>											
Relinquished By: Date: 7/20/21 Time: 8:00 AM		Received By: Date: 7/20/21 Time: 4:45 PM		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		CHECKED BY: (Initials)		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Fax #: REMARKS:									
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		3.30 #113		4.0													

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	Chloride	BTEX	TPH EXT.
41	SP 6 @ SURFACE		1									7-19-21	1:20 PM	✓	✓	✓
42	SP 6 @ 1'		1									7-19-21	1:31 PM	✓	✓	✓
43	SP 6 @ 2'		1									7-19-21	1:44 PM	✓	✓	✓
44	SP 6 @ 3'		1									7-19-21	2:20 PM	✓	✓	✓
45	SP 7 @ SURFACE		1									7-19-21	2:35 PM	✓	✓	✓
46	SP 7 @ 1'		1									7-19-21	2:51 PM	✓	✓	✓
47	SP 7 @ 2'		1									7-19-21	3:05 PM	✓	✓	✓
48	SP 7 @ 3'		1									7-19-21	3:14 PM	✓	✓	✓
49	SP 7 @ 4'		1									7-19-21	3:24 PM	✓	✓	✓
50	SP 8 @ SURFACE		1									7-20-21	8:45 AM	✓	✓	✓





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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 85 of 89





## ORDINAL LABORATORIES

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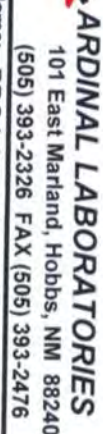
### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> BBC International, Inc. <b>Project Manager:</b> Cliff Brunson <b>Address:</b> P.O. Box 805 <b>City:</b> Hobbs <b>Phone #:</b> 575-397-6388 <b>State:</b> NM <b>zip:</b> 88241 <b>Project #:</b> <b>Project Name:</b> PROXIMITY 31 FED 4 SWD (7/6/21) <b>Project Location:</b> NEW MEXICO <b>Sampler Name:</b> SIMON RENDON				<b>P.O. #:</b> <b>Company:</b> Oxy <b>Attn:</b> <b>Address:</b> <b>City:</b> <b>State:</b> <b>zip:</b> <b>Phone #:</b> <b>Fax #:</b>			
<b>FOR LAB USE ONLY</b>				<b>BILL TO</b>			
<b>Lab I.D.</b>				<b>Sample I.D.</b>			
H311968				SP 9 @ 6'			
61				SP 10 @ SURFACE			
62				SP 10 @ 1'			
63				SP 10 @ 2'			
64				SP 10 @ 3'			
65				SP 10 @ 4'			
66				SP 10 @ 5'			
67				SP 11 @ SURFACE			
68				SP 11 @ 1'			
69				SP 11 @ 2'			
70				SP 11 @ 2'			
(G)RAB OR (C)OMP.				# CONTAINERS			
GROUNDWATER				WASTEWATER			
SOIL				OIL			
SLUDGE				OTHER :			
ACID/BASE:				ICE / COOL			
OTHER :				DATE			
TIME				TIME			
7-20-21				11:21 AM			
7-20-21				11:37 AM			
7-20-21				11:57 AM			
7-20-21				12:52 PM			
7-20-21				1:08 PM			
7-20-21				1:21 PM			
7-20-21				1:34 PM			
7-20-21				1:52 PM			
7-20-21				2:12 PM			
7-20-21				2:25 PM			
Chloride				BTEX			
TPH-Ext.				TPH-Ext.			
SP 9 @ 6'				SP 10 @ SURFACE			
SP 10 @ 1'				SP 10 @ 2'			
SP 10 @ 2'				SP 10 @ 3'			
SP 10 @ 4'				SP 10 @ 5'			
SP 11 @ SURFACE				SP 11 @ 1'			
SP 11 @ 2'				SP 11 @ 2'			

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<b>Reinquisitioned By:</b>		<b>Date:</b> 7/26/21		<b>Received By:</b>	
<b>Reinquisitioned By:</b>		<b>Date:</b> 7/26/21		<b>Received By:</b>	
<b>Delivered By:</b> (Circle One)		<b>Time:</b> 4:45 PM		<b>Sample Condition</b>	
Cooler - UPS - Bus - Other:		Cool <input type="checkbox"/> Intact <input type="checkbox"/>		Checked By: (Initials)	
3.3e #113		No <input type="checkbox"/> Yes <input type="checkbox"/>		70	
<b>REMARKS:</b>					





## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 87 of 89





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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> BBC International, Inc.		<b>P.O. #:</b>		<b>BILL TO</b>															
<b>Project Manager:</b> Cliff Brunson		<b>Company:</b> Oxy		<b>ANALYSIS REQUEST</b>															
<b>Address:</b> P.O. Box 805		<b>Attn:</b>																	
<b>City:</b> Hobbs		<b>Address:</b>																	
<b>State:</b> NM		<b>City:</b>																	
<b>Zip:</b> 88241		<b>State:</b>																	
<b>Phone #:</b> 575-397-6388		<b>Phone #:</b>																	
<b>Fax #:</b> 575-397-0397		<b>Fax #:</b>																	
<b>Project #:</b>		<b>Project Name:</b> PROXIMITY 31 FED 4 SWD (7/6/21)																	
<b>Project Location:</b> NEW MEXICO		<b>Project Owner:</b> Oxy																	
<b>Sampler Name:</b> SIMON RENDON		<b>Project Location:</b> NEW MEXICO																	
<b>FOR LAB USE ONLY</b>		<b>Matrix:</b>		<b>Preserv:</b>		<b>Sampling:</b>													
<b>Lab I.D.</b>		<b>Sample I.D.</b>		<b>DATE</b>		<b>TIME</b>													
H21968		SP 12 @ 6'		7-21-21		10:06 AM		Chloride											
81		SP 13 @ SURFACE		7-21-21		10:26 AM		BTEX											
82		SP 13 @ 1'		7-21-21		10:41 AM		TPH. EXT.											
83		SP 13 @ 2'		7-21-21		10:53 AM													
84		SP 13 @ 3'		7-21-21		11:08 AM													
85		SP 13 @ 4'		7-21-21		11:17 AM													
86		SP 13 @ 5'		7-21-21		11:31 AM													
87		SP 14 @ SURFACE		7-21-21		11:42 AM													
88		SP 14 @ 1'		7-21-21		11:59 AM													
89		SP 14 @ 2'		7-21-21		12:46 PM													
90																			
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<b>Relinquished By:</b>		<b>Date:</b> 7-21-21		<b>Received By:</b>		<b>Date:</b> 7-21-21		<b>Phone Result:</b>		<b>Yes</b>		<b>No</b>		<b>Add'l Phone #:</b>					
Simon Rendon		7-21-21		Cliff Brunson		7-21-21		Fax Result:		Yes		No		Add'l Fax #:					
<b>Relinquished By:</b>		<b>Date:</b> 7-21-21		<b>Received By:</b>		<b>Date:</b> 7-21-21		<b>REMARKS:</b>											
Cliff Brunson		7-21-21		Simon Rendon		7-21-21													
<b>Delivered By:</b> (Circle One)		<b>Sample Condition</b>		<b>CHECKED BY:</b>		<b>Initials</b>													
Sampler - UPS - Bus - Other:		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		7-21-21		7-21-21													
8-30 #113		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		7-21-21		7-21-21													

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## ARDINAL LABORATORIES

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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> BBC International, Inc. <b>Project Manager:</b> Cliff Brunson <b>Address:</b> P.O. Box 805 <b>City:</b> Hobbs <b>Phone #:</b> 575-397-6388 <b>Fax #:</b> 575-397-0397 <b>Project #:</b> <b>Project Name:</b> PROXIMITY 31 FED 4 SWD (7/6/21) <b>Project Location:</b> NEW MEXICO <b>Sampler Name:</b> SIMON RENDON		<b>P.O. #:</b> <b>Company:</b> Oxy <b>Attn:</b> <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>	
<b>Lab I.D.</b> H2119168 91 92 93 94 95 96 97 98 99		<b>Sample I.D.</b> SP 14 @ 3' SP 14 @ 4' SP 14 @ 5' SP 15 @ SURFACE SP 15 @ 1' SP 15 @ 2' SP 15 @ 3' SP 15 @ 4' SP 15 @ 5'	
<b>FOR LAB USE ONLY</b> (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:		<b>MATRIX</b> <b>PRESERV</b> <b>SAMPLING</b>	
<b>Relinquished By:</b> Simon Rendón Date: 7/21/21 Received By: Simon Rendón Date: 7/21/21		<b>Relinquished By:</b> Simon Rendón Date: 7/21/21 Received By: Simon Rendón Date: 7/21/21	
<b>Delivered By: (Circle One)</b> UPS - Bus - Other: 3.3c #113 Sample Condition: Cool <input type="checkbox"/> Yes <input type="checkbox"/> No Intact <input type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: (Initials) YS		<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>ADD'l Phone #:</b> <b>ADD'l Fax #:</b>	
<b>REMARKS:</b>			

**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 79329

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 79329
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	Closure report due 05/23/2022	2/22/2022





## APPENDIX C

### Photographic Documentation



View of the release area, facing north (June 2, 2022).



View of the release area, facing west (June 2, 2022).



Date & Time: Tue, Jul 26, 2022, 09:47:35 MDT  
Position: +032.354857° / -103.711093° (±15.6ft)  
Altitude: 3539ft (±11.0ft)  
Datum: WGS-84  
Azimuth/Bearing: 360° N00W 6400mils True (±12°)  
Elevation Angle: -01.9°  
Horizon Angle: -01.0°  
Zoom: 0.5X



View of the release area, facing north (July 26, 2022).

Date & Time: Tue, Jul 26, 2022, 08:50:52 MDT  
Position: +032.354091° / -103.711209° (±11.6ft)  
Altitude: 3534ft (±9.8ft)  
Datum: WGS-84  
Azimuth/Bearing: 355° N05W 6311mils True (±10°)  
Elevation Angle: -04.4°  
Horizon Angle: -00.9°  
Zoom: 0.5X



View of the release area, facing northwest (July 26, 2022).



## APPENDIX D

### Tables

**TABLE 1**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
Oxy USA Inc. - Proximity 31 Fed. SWD  
Eddy County, New Mexico

Ensolum Project No. 03B1417048

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release (> 100 feet)			10	NE	NE	NE	50	1,000		NE	2,500	20,000
Floor Sample Analytical Results												
FS-1	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	176
FS-2	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	256
FS-3	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	64.0
FS-4	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	48.0
FS-5	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	352
FS-6	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	128
FS-7	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	320
FS-8	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	128
FS-9	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	46.9		20.4	67.3	400
FS-10	7/18/2022	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	592
FS-11	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	29.5		<10.0	29.5	64.0
FS-12	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	38.4		12.1	50.5	368
FS-13	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	11.2		<10.0	11.2	336
FS-14	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	192
FS-15	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	18.7		<10.0	18.7	288
FS-16	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	11.8		<10.0	11.8	368
FS-17	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	34.2		<10.0	34.2	480
FS-18	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	64.0
FS-19	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	336
FS-20	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	448
FS-21	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	64.0
FS-22	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	48.0
FS-23	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	160
FS-24	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	48.0
FS-25	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	32.0
FS-26	7/18/2022	3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	208
FS-27	7/18/2022	2	<0.050	<0.050	<0.050	<0.150	<0.300	11.8		<10.0	11.8	64.0
FS-28	7/18/2022	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	208
FS-29	7/18/2022	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	48.0
FS-30	7/18/2022	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	128
FS-31	7/18/2022	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	176
FS-32	7/18/2022	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	128
FS-33	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	64.0
FS-34	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	64.0
FS-35	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	38.4		11.8	50.2	1,090
	8/5/2022	7	NS					NS				64.0
FS-36	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	176
FS-37	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	448
FS-38	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	240
FS-39	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	192

**TABLE 1**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
Oxy USA Inc. - Proximity 31 Fed. SWD  
Eddy County, New Mexico

Ensolum Project No. 03B1417048

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release (> 100 feet)			10	NE	NE	NE	50	1,000		NE	2,500	20,000
FS-40	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	176
FS-41	7/18/2022	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	144
FS-42	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	528
FS-43	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	14.4		<10.0	14.4	144
FS-44	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	128
FS-45	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	240
FS-46	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	80.0
FS-47	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	320
FS-48	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	304
FS-49	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	48.0
FS-50	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	64.0
FS-51	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	384
FS-52	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	64.0
FS-53	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	224
FS-54	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	2,140
	8/5/2022	7	NS					NS				
FS-55	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	416
FS-56	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	224
FS-57	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	48.0
FS-58	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	64.0
FS-59	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	80.0
FS-60	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	1,600
	8/5/2022	7	NS					NS				
FS-61	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	256
FS-62	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	528
FS-63	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	96.0
FS-64	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	432
FS-65	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	64.0
FS-66	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	13.3		<10.0	13.3	160
FS-67	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	224
FS-68	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	80.0
FS-69	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	48.0
FS-70	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	176
FS-71	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	32.0
FS-72	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	110	44.8	155	48.0	
	8/5/2022	7	NS					<10.0	<10.0	<10.0	NS	
FS-73	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	176
FS-74	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	7,060
FS-75	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	32.0
FS-76	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	4,960
FS-77	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	15,200
FS-78	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	64.0
FS-79	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	48.0
FS-80	7/18/2022	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	18,300





TABLE 1  
SOIL SAMPLE ANALYTICAL RESULTS  
Oxy USA Inc. - Proximity 31 Fed. SWD  
Eddy County, New Mexico

Ensolum Project No. 03B1417048

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release (> 100 feet)			10	NE	NE	NE	50	1,000		NE	2,500	20,000
Sidewall Sample Analytical Results												
SW-1	7/18/2022	0 - 5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	32.0
SW-2	7/18/2022	0 - 5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	32.0
SW-3	7/18/2022	0 - 4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	144
SW-4	7/18/2022	0 - 5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	48.0
SW-5	7/18/2022	0 - 5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	1,490
	8/5/2022	0 - 5	NS					NS				32.0
SW-6	7/18/2022	0 - 5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	32.0
SW-7	7/18/2022	0 - 5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	32.0
SW-8	7/18/2022	0 - 5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	32.0
SW-9	7/18/2022	0 - 5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	128
SW-10	7/18/2022	0 - 7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	48.0
SW-11	7/26/2022	0 - 5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	80.0
SW-12	7/26/2022	0 - 5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	<16.0
SW-13	7/26/2022	0 - 5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	<16.0
SW-14	7/26/2022	0 - 7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	<16.0
SW-15	7/26/2022	0 - 7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	<16.0
SW-16	7/26/2022	0 - 5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	<16.0
SW-17	7/26/2022	0 - 4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	32.0
SW-18	7/26/2022	0 - 5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	144
SW-19	7/26/2022	0 - 3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	32.0
SW-20	7/26/2022	0 - 2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	<16.0

Additional Excavation Conducted and/or Re-Sampled

bgs: below ground surface

mg/kg: milligrams per kilogram

NE: Not Established

NS: Not Sampled

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

MRO: Motor Oil/Lube Oil Range Organics

TPH: Total Petroleum Hydrocarbon



## APPENDIX E

### Laboratory Data Sheets and Chain-of-Custody Documentation



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

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July 25, 2022

BEAUX JENNINGS  
ENSOLUM, LLC  
705 W WADLEY AVE.  
MIDLAND, TX 79705

RE: PROXIMITY 31 FED SWD / BAT

Enclosed are the results of analyses for samples received by the laboratory on 07/20/22 9:35.

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, flowing style.

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	07/20/2022	Sampling Date:	07/18/2022
Reported:	07/25/2022	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED SWD / BAT	Sampling Condition:	Cool & Intact
Project Number:	03B1417048	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: FS - 1 5' (H223145-01)**

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	07/21/2022	ND	2.09	105	2.00	3.78	
Toluene*	<0.050	0.050	07/21/2022	ND	2.16	108	2.00	3.31	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.16	108	2.00	3.83	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.59	110	6.00	4.25	
Total BTEX	<0.300	0.300	07/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	07/21/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	185	92.5	200	2.30	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	193	96.4	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 72.2 % 43-149

Surrogate: 1-Chlorooctadecane 81.1 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 2 5' (H223145-02)**

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	07/21/2022	ND	2.09	105	2.00	3.78		
Toluene*	<0.050	0.050	07/21/2022	ND	2.16	108	2.00	3.31		
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.16	108	2.00	3.83		
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.59	110	6.00	4.25		
Total BTX	<0.300	0.300	07/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	07/21/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	185	92.5	200	2.30	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	193	96.4	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 82.5 % 43-149

Surrogate: 1-Chlorooctadecane 93.3 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 3 5' (H223145-03)**

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	07/21/2022	ND	2.09	105	2.00	3.78		
Toluene*	<0.050	0.050	07/21/2022	ND	2.16	108	2.00	3.31		
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.16	108	2.00	3.83		
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.59	110	6.00	4.25		
Total BTEx	<0.300	0.300	07/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/21/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	183	91.4	200	4.14	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	185	92.6	200	8.23	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 84.6 % 43-149

Surrogate: 1-Chlorooctadecane 94.8 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 4 5' (H223145-04)**

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	07/22/2022	ND	2.01	100	2.00	7.98	QM-07	
Toluene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	9.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	8.74		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.19	103	6.00	9.22		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/21/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	183	91.4	200	4.14	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	185	92.6	200	8.23	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 78.7 % 43-149

Surrogate: 1-Chlorooctadecane 88.1 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 5 5' (H223145-05)**

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	07/22/2022	ND	2.01	100	2.00	7.98		
Toluene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	9.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	8.74		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.19	103	6.00	9.22		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	07/21/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	183	91.4	200	4.14	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	185	92.6	200	8.23	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 83.4 % 43-149

Surrogate: 1-Chlorooctadecane 92.6 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 6 5' (H223145-06)**

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	07/22/2022	ND	2.01	100	2.00	7.98		
Toluene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	9.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	8.74		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.19	103	6.00	9.22		
Total BTX	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	07/21/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	183	91.4	200	4.14	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	185	92.6	200	8.23	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 83.9 % 43-149

Surrogate: 1-Chlorooctadecane 92.6 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 7 5' (H223145-07)**

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	07/22/2022	ND	2.01	100	2.00	7.98		
Toluene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	9.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	8.74		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.19	103	6.00	9.22		
Total BTX	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	07/21/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	183	91.4	200	4.14	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	185	92.6	200	8.23	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 81.6 % 43-149

Surrogate: 1-Chlorooctadecane 90.3 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 8 5' (H223145-08)**

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	07/22/2022	ND	2.01	100	2.00	7.98		
Toluene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	9.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	8.74		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.19	103	6.00	9.22		
Total BTEX	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	07/21/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	183	91.4	200	4.14	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	185	92.6	200	8.23	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 81.3 % 43-149

Surrogate: 1-Chlorooctadecane 89.4 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 9 5' (H223145-09)**

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	07/22/2022	ND	2.01	100	2.00	7.98		
Toluene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	9.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	8.74		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.19	103	6.00	9.22		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	07/21/2022	ND	416	104	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	07/22/2022	ND	183	91.4	200	4.14	
DRO >C10-C28*	46.9	10.0	07/22/2022	ND	185	92.6	200	8.23	
EXT DRO >C28-C36	20.4	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 84.3 % 43-149

Surrogate: 1-Chlorooctadecane 93.7 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 10 4' (H223145-10)**

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	07/22/2022	ND	2.01	100	2.00	7.98		
Toluene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	9.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	8.74		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.19	103	6.00	9.22		
Total BTEX	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	07/21/2022	ND	416	104	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	07/22/2022	ND	183	91.4	200	4.14	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	185	92.6	200	8.23	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 82.6 % 43-149

Surrogate: 1-Chlorooctadecane 92.9 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 11 5' (H223145-11)**

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	07/22/2022	ND	2.01	100	2.00	7.98		
Toluene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	9.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	8.74		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.19	103	6.00	9.22		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/21/2022	ND	416	104	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	07/22/2022	ND	183	91.4	200	4.14	
DRO >C10-C28*	29.5	10.0	07/22/2022	ND	185	92.6	200	8.23	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 76.1 % 43-149

Surrogate: 1-Chlorooctadecane 85.9 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 12 5' (H223145-12)**

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	07/22/2022	ND	2.01	100	2.00	7.98		
Toluene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	9.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	8.74		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.19	103	6.00	9.22		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	07/21/2022	ND	416	104	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	07/22/2022	ND	183	91.4	200	4.14	
DRO >C10-C28*	38.4	10.0	07/22/2022	ND	185	92.6	200	8.23	
EXT DRO >C28-C36	12.1	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 86.5 % 43-149

Surrogate: 1-Chlorooctadecane 98.4 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 13 5' (H223145-13)**

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	07/22/2022	ND	2.01	100	2.00	7.98		
Toluene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	9.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	8.74		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.19	103	6.00	9.22		
Total BTEX	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	07/21/2022	ND	416	104	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	07/22/2022	ND	183	91.4	200	4.14	
DRO >C10-C28*	11.2	10.0	07/22/2022	ND	185	92.6	200	8.23	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 84.8 % 43-149

Surrogate: 1-Chlorooctadecane 93.4 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 14 5' (H223145-14)**

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	07/22/2022	ND	2.01	100	2.00	7.98		
Toluene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	9.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	8.74		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.19	103	6.00	9.22		
Total BTX	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	07/21/2022	ND	416	104	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	07/22/2022	ND	183	91.4	200	4.14	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	185	92.6	200	8.23	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 85.3 % 43-149

Surrogate: 1-Chlorooctadecane 96.9 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 15 5' (H223145-15)**

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	07/22/2022	ND	2.01	100	2.00	7.98		
Toluene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	9.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	8.74		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.19	103	6.00	9.22		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	07/21/2022	ND	416	104	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	07/22/2022	ND	183	91.4	200	4.14	
DRO >C10-C28*	18.7	10.0	07/22/2022	ND	185	92.6	200	8.23	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 81.7 % 43-149

Surrogate: 1-Chlorooctadecane 92.3 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 16 5' (H223145-16)**

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	07/22/2022	ND	2.01	100	2.00	7.98		
Toluene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	9.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	8.74		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.19	103	6.00	9.22		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	07/21/2022	ND	416	104	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	07/22/2022	ND	183	91.4	200	4.14	
DRO >C10-C28*	11.8	10.0	07/22/2022	ND	185	92.6	200	8.23	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 83.9 % 43-149

Surrogate: 1-Chlorooctadecane 94.7 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 17 5' (H223145-17)**

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	07/22/2022	ND	2.01	100	2.00	7.98		
Toluene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	9.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	8.74		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.19	103	6.00	9.22		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	480	16.0	07/21/2022	ND	416	104	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	07/22/2022	ND	183	91.4	200	4.14	
DRO >C10-C28*	34.2	10.0	07/22/2022	ND	185	92.6	200	8.23	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 81.1 % 43-149

Surrogate: 1-Chlorooctadecane 91.8 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	07/20/2022	Sampling Date:	07/18/2022
Reported:	07/25/2022	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED SWD / BAT	Sampling Condition:	Cool & Intact
Project Number:	03B1417048	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: FS - 18 5' (H223145-18)**

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	07/22/2022	ND	2.01	100	2.00	7.98		
Toluene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	9.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	8.74		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.19	103	6.00	9.22		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/21/2022	ND	416	104	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	07/22/2022	ND	183	91.4	200	4.14	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	185	92.6	200	8.23	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 77.7 % 43-149

Surrogate: 1-Chlorooctadecane 90.4 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 19 5' (H223145-19)**

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	07/22/2022	ND	2.01	100	2.00	7.98		
Toluene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	9.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	8.74		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.19	103	6.00	9.22		
Total BTEX	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	07/21/2022	ND	416	104	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	07/22/2022	ND	183	91.4	200	4.14	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	185	92.6	200	8.23	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 76.9 % 43-149

Surrogate: 1-Chlorooctadecane 84.7 % 42.5-161

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\*=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:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 20 5' (H223145-20)**

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	07/22/2022	ND	2.01	100	2.00	7.98		
Toluene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	9.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	8.74		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.19	103	6.00	9.22		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	07/21/2022	ND	416	104	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	07/22/2022	ND	183	91.4	200	4.14	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	185	92.6	200	8.23	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 80.3 % 43-149

Surrogate: 1-Chlorooctadecane 90.4 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 21 5' (H223145-21)**

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	07/22/2022	ND	2.01	100	2.00	7.98		
Toluene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	9.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	8.74		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.19	103	6.00	9.22		
Total BTEX	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/21/2022	ND	416	104	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	07/21/2022	ND	196	97.8	200	1.68	QM-07, QR-03
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	195	97.6	200	7.24	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 102 % 43-149

Surrogate: 1-Chlorooctadecane 107 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 22 3' (H223145-22)**

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	07/22/2022	ND	2.01	100	2.00	7.98		
Toluene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	9.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	8.74		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.19	103	6.00	9.22		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/21/2022	ND	416	104	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	07/21/2022	ND	196	97.8	200	1.68	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	195	97.6	200	7.24	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 81.3 % 43-149

Surrogate: 1-Chlorooctadecane 87.0 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 23 5' (H223145-23)**

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	07/22/2022	ND	2.01	100	2.00	7.98	
Toluene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	9.24	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.03	102	2.00	8.74	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.19	103	6.00	9.22	
Total BTEX	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	07/22/2022	ND	416	104	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	07/21/2022	ND	196	97.8	200	1.68	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	195	97.6	200	7.24	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 119 % 43-149

Surrogate: 1-Chlorooctadecane 124 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 24 5' (H223145-24)**

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	07/22/2022	ND	2.00	100	2.00	0.228	
Toluene*	<0.050	0.050	07/22/2022	ND	2.25	113	2.00	1.28	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	0.452	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.75	112	6.00	0.610	
Total BTEX	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/22/2022	ND	416	104	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	07/21/2022	ND	196	97.8	200	1.68	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	195	97.6	200	7.24	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 120 % 43-149

Surrogate: 1-Chlorooctadecane 124 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 25 5' (H223145-25)**

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	07/22/2022	ND	2.00	100	2.00	0.228	QM-07	
Toluene*	<0.050	0.050	07/22/2022	ND	2.25	113	2.00	1.28	QM-07	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	0.452	QM-07	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.75	112	6.00	0.610	QM-07	
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2022	ND	416	104	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	07/21/2022	ND	196	97.8	200	1.68	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	195	97.6	200	7.24	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 111 % 43-149

Surrogate: 1-Chlorooctadecane 113 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 26 3' (H223145-26)**

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	07/22/2022	ND	2.00	100	2.00	0.228		
Toluene*	<0.050	0.050	07/22/2022	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	0.452		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.75	112	6.00	0.610		
Total BTX	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	07/22/2022	ND	416	104	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	07/21/2022	ND	196	97.8	200	1.68	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	195	97.6	200	7.24	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 82.5 % 43-149

Surrogate: 1-Chlorooctadecane 83.2 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
BEAUX JENNINGS  
705 W WADLEY AVE.  
MIDLAND TX, 79705  
Fax To:

Received: 07/20/2022  
Reported: 07/25/2022  
Project Name: PROXIMITY 31 FED SWD / BAT  
Project Number: 03B1417048  
Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: FS - 27 2' (H223145-27)**

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	07/22/2022	ND	2.00	100	2.00	0.228	
Toluene*	<0.050	0.050	07/22/2022	ND	2.25	113	2.00	1.28	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	0.452	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.75	112	6.00	0.610	
Total BTX	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/22/2022	ND	416	104	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	07/21/2022	ND	196	97.8	200	1.68	
DRO >C10-C28*	11.8	10.0	07/21/2022	ND	195	97.6	200	7.24	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 86.2 % 43-149

Surrogate: 1-Chlorooctadecane 91.2 % 42.5-161

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\*=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:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 28 2' (H223145-28)**

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	07/22/2022	ND	2.00	100	2.00	0.228		
Toluene*	<0.050	0.050	07/22/2022	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	0.452		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.75	112	6.00	0.610		
Total BTX	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	07/22/2022	ND	416	104	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	07/21/2022	ND	196	97.8	200	1.68	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	195	97.6	200	7.24	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 85.0 % 43-149

Surrogate: 1-Chlorooctadecane 90.5 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 29 2' (H223145-29)**

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	07/22/2022	ND	2.00	100	2.00	0.228		
Toluene*	<0.050	0.050	07/22/2022	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	0.452		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.75	112	6.00	0.610		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/22/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	196	97.8	200	1.68	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	195	97.6	200	7.24	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 86.0 % 43-149

Surrogate: 1-Chlorooctadecane 91.0 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 30 2' (H223145-30)**

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	07/22/2022	ND	2.00	100	2.00	0.228		
Toluene*	<0.050	0.050	07/22/2022	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	0.452		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.75	112	6.00	0.610		
Total BTEX	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/22/2022	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	196	97.8	200	1.68	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	195	97.6	200	7.24	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 89.1 % 43-149

Surrogate: 1-Chlorooctadecane 92.7 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	07/20/2022	Sampling Date:	07/18/2022
Reported:	07/25/2022	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED SWD / BAT	Sampling Condition:	Cool & Intact
Project Number:	03B1417048	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: FS - 31 2' (H223145-31)**

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	07/22/2022	ND	2.00	100	2.00	0.228		
Toluene*	<0.050	0.050	07/22/2022	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	0.452		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.75	112	6.00	0.610		
Total BTEX	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	07/22/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	196	97.8	200	1.68	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	195	97.6	200	7.24	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 75.8 % 43-149

Surrogate: 1-Chlorooctadecane 77.2 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 32 2' (H223145-32)**

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	07/22/2022	ND	2.00	100	2.00	0.228	
Toluene*	<0.050	0.050	07/22/2022	ND	2.25	113	2.00	1.28	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	0.452	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.75	112	6.00	0.610	
Total BTX	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/22/2022	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	196	97.8	200	1.68	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	195	97.6	200	7.24	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 84.4 % 43-149

Surrogate: 1-Chlorooctadecane 91.2 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	07/20/2022	Sampling Date:	07/18/2022
Reported:	07/25/2022	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED SWD / BAT	Sampling Condition:	Cool & Intact
Project Number:	03B1417048	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: FS - 33 5' (H223145-33)**

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	07/22/2022	ND	2.00	100	2.00	0.228	
Toluene*	<0.050	0.050	07/22/2022	ND	2.25	113	2.00	1.28	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	0.452	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.75	112	6.00	0.610	
Total BTX	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/22/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	196	97.8	200	1.68	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	195	97.6	200	7.24	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 79.1 % 43-149

Surrogate: 1-Chlorooctadecane 81.4 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 34 5' (H223145-34)**

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	07/22/2022	ND	2.00	100	2.00	0.228	
Toluene*	<0.050	0.050	07/22/2022	ND	2.25	113	2.00	1.28	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	0.452	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.75	112	6.00	0.610	
Total BTEX	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/22/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	196	97.8	200	1.68	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	195	97.6	200	7.24	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 82.6 % 43-149

Surrogate: 1-Chlorooctadecane 87.6 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 35 5' (H223145-35)**

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	07/22/2022	ND	2.00	100	2.00	0.228	
Toluene*	<0.050	0.050	07/22/2022	ND	2.25	113	2.00	1.28	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	0.452	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.75	112	6.00	0.610	
Total BTEx	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1090	16.0	07/22/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	196	97.8	200	1.68	
DRO >C10-C28*	38.4	10.0	07/22/2022	ND	195	97.6	200	7.24	
EXT DRO >C28-C36	11.8	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 83.3 % 43-149

Surrogate: 1-Chlorooctadecane 91.2 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 36 5' (H223145-36)**

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	07/22/2022	ND	2.00	100	2.00	0.228	
Toluene*	<0.050	0.050	07/22/2022	ND	2.25	113	2.00	1.28	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	0.452	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.75	112	6.00	0.610	
Total BTEx	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/22/2022	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	196	97.8	200	1.68	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	195	97.6	200	7.24	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 99.2 % 43-149

Surrogate: 1-Chlorooctadecane 106 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 37 5' (H223145-37)**

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	07/22/2022	ND	2.00	100	2.00	0.228	
Toluene*	<0.050	0.050	07/22/2022	ND	2.25	113	2.00	1.28	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	0.452	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.75	112	6.00	0.610	
Total BTEX	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	07/22/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	196	97.8	200	1.68	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	195	97.6	200	7.24	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 78.8 % 43-149

Surrogate: 1-Chlorooctadecane 82.2 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	07/20/2022	Sampling Date:	07/18/2022
Reported:	07/25/2022	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED SWD / BAT	Sampling Condition:	Cool & Intact
Project Number:	03B1417048	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: FS - 38 5' (H223145-38)**

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	07/22/2022	ND	2.00	100	2.00	0.228		
Toluene*	<0.050	0.050	07/22/2022	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	0.452		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.75	112	6.00	0.610		
Total BTX	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	07/22/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	196	97.8	200	1.68	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	195	97.6	200	7.24	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 78.5 % 43-149

Surrogate: 1-Chlorooctadecane 82.2 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	07/20/2022	Sampling Date:	07/18/2022
Reported:	07/25/2022	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED SWD / BAT	Sampling Condition:	Cool & Intact
Project Number:	03B1417048	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: FS - 39 5' (H223145-39)**

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	07/22/2022	ND	2.00	100	2.00	0.228		
Toluene*	<0.050	0.050	07/22/2022	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	0.452		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.75	112	6.00	0.610		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	07/22/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	196	97.8	200	1.68	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	195	97.6	200	7.24	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 78.2 % 43-149

Surrogate: 1-Chlorooctadecane 81.1 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	07/20/2022	Sampling Date:	07/18/2022
Reported:	07/25/2022	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED SWD / BAT	Sampling Condition:	Cool & Intact
Project Number:	03B1417048	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: FS - 40 5' (H223145-40)**

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	07/22/2022	ND	2.00	100	2.00	0.228	
Toluene*	<0.050	0.050	07/22/2022	ND	2.25	113	2.00	1.28	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	0.452	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.75	112	6.00	0.610	
Total BTEX	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	07/22/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	196	97.8	200	1.68	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	195	97.6	200	7.24	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 107 % 43-149

Surrogate: 1-Chlorooctadecane 109 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 41 5' (H223145-41)**

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	07/22/2022	ND	2.00	100	2.00	0.228		
Toluene*	<0.050	0.050	07/22/2022	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	0.452		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.75	112	6.00	0.610		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	07/22/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	199	99.3	200	0.579	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	184	91.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 85.8 % 43-149

Surrogate: 1-Chlorooctadecane 94.6 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	07/20/2022	Sampling Date:	07/18/2022
Reported:	07/25/2022	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED SWD / BAT	Sampling Condition:	Cool & Intact
Project Number:	03B1417048	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: FS - 42 7' (H223145-42)**

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	07/22/2022	ND	2.00	100	2.00	0.228		
Toluene*	<0.050	0.050	07/22/2022	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	0.452		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.75	112	6.00	0.610		
Total BTEX	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	07/22/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	199	99.3	200	0.579	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	184	91.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 90.8 % 43-149

Surrogate: 1-Chlorooctadecane 100 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 43 7' (H223145-43)**

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	07/22/2022	ND	2.00	100	2.00	0.228	
Toluene*	<0.050	0.050	07/22/2022	ND	2.25	113	2.00	1.28	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	0.452	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.75	112	6.00	0.610	
Total BTEX	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	07/22/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	199	99.3	200	0.579	
DRO >C10-C28*	14.4	10.0	07/21/2022	ND	184	91.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 101 % 43-149

Surrogate: 1-Chlorooctadecane 111 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 44 7' (H223145-44)**

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	07/22/2022	ND	2.11	106	2.00	1.18		
Toluene*	<0.050	0.050	07/22/2022	ND	2.19	109	2.00	1.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.21	110	2.00	1.70		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.77	113	6.00	1.28		
Total BTX	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	07/22/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	199	99.3	200	0.579	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	184	91.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 93.4 % 43-149

Surrogate: 1-Chlorooctadecane 104 % 42.5-161

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\*=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:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 45 7' (H223145-45)**

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	07/22/2022	ND	2.11	106	2.00	1.18	
Toluene*	<0.050	0.050	07/22/2022	ND	2.19	109	2.00	1.24	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.21	110	2.00	1.70	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.77	113	6.00	1.28	
Total BTEx	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	07/22/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	199	99.3	200	0.579	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	184	91.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 91.3 % 43-149

Surrogate: 1-Chlorooctadecane 102 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 46 7' (H223145-46)**

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	07/22/2022	ND	2.11	106	2.00	1.18	
Toluene*	<0.050	0.050	07/22/2022	ND	2.19	109	2.00	1.24	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.21	110	2.00	1.70	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.77	113	6.00	1.28	
Total BTEX	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	07/22/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	199	99.3	200	0.579	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	184	91.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 98.2 % 43-149

Surrogate: 1-Chlorooctadecane 112 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 47 7' (H223145-47)**

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	07/22/2022	ND	2.11	106	2.00	1.18	
Toluene*	<0.050	0.050	07/22/2022	ND	2.19	109	2.00	1.24	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.21	110	2.00	1.70	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.77	113	6.00	1.28	
Total BTEx	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	07/22/2022	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	199	99.3	200	0.579	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	184	91.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 96.6 % 43-149

Surrogate: 1-Chlorooctadecane 106 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
BEAUX JENNINGS  
705 W WADLEY AVE.  
MIDLAND TX, 79705  
Fax To:

Received:	07/20/2022	Sampling Date:	07/18/2022
Reported:	07/25/2022	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED SWD / BAT	Sampling Condition:	Cool & Intact
Project Number:	03B1417048	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: FS - 48 7' (H223145-48)**

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	07/22/2022	ND	2.11	106	2.00	1.18	
Toluene*	<0.050	0.050	07/22/2022	ND	2.19	109	2.00	1.24	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.21	110	2.00	1.70	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.77	113	6.00	1.28	
Total BTEX	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	07/22/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	199	99.3	200	0.579	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	184	91.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 93.3 % 43-149

Surrogate: 1-Chlorooctadecane 103 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 49 7' (H223145-49)**

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	07/22/2022	ND	2.11	106	2.00	1.18		
Toluene*	<0.050	0.050	07/22/2022	ND	2.19	109	2.00	1.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.21	110	2.00	1.70		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.77	113	6.00	1.28		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	199	99.3	200	0.579	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	184	91.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 91.2 % 43-149

Surrogate: 1-Chlorooctadecane 100 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 50 7' (H223145-50)**

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	07/22/2022	ND	2.11	106	2.00	1.18	
Toluene*	<0.050	0.050	07/22/2022	ND	2.19	109	2.00	1.24	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.21	110	2.00	1.70	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.77	113	6.00	1.28	
Total BTX	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	199	99.3	200	0.579	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	184	91.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 111 % 43-149

Surrogate: 1-Chlorooctadecane 119 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 51 7' (H223145-51)**

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	07/22/2022	ND	2.11	106	2.00	1.18	
Toluene*	<0.050	0.050	07/22/2022	ND	2.19	109	2.00	1.24	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.21	110	2.00	1.70	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.77	113	6.00	1.28	
Total BTX	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	199	99.3	200	0.579	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	184	91.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 100 % 43-149

Surrogate: 1-Chlorooctadecane 105 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 52 7' (H223145-52)**

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	07/22/2022	ND	2.11	106	2.00	1.18		
Toluene*	<0.050	0.050	07/22/2022	ND	2.19	109	2.00	1.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.21	110	2.00	1.70		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.77	113	6.00	1.28		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	199	99.3	200	0.579	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	184	91.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 103 % 43-149

Surrogate: 1-Chlorooctadecane 106 % 42.5-161

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ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	07/20/2022	Sampling Date:	07/18/2022
Reported:	07/25/2022	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED SWD / BAT	Sampling Condition:	Cool & Intact
Project Number:	03B1417048	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: FS - 53 7' (H223145-53)**

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	07/22/2022	ND	2.11	106	2.00	1.18		
Toluene*	<0.050	0.050	07/22/2022	ND	2.19	109	2.00	1.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.21	110	2.00	1.70		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.77	113	6.00	1.28		
Total BTEX	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	07/22/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	199	99.3	200	0.579	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	184	91.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 108 % 43-149

Surrogate: 1-Chlorooctadecane 113 % 42.5-161

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 54 7' (H223145-54)**

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	07/22/2022	ND	2.11	106	2.00	1.18	
Toluene*	<0.050	0.050	07/22/2022	ND	2.19	109	2.00	1.24	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.21	110	2.00	1.70	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.77	113	6.00	1.28	
Total BTEX	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2140	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	199	99.3	200	0.579	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	184	91.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 105 % 43-149

Surrogate: 1-Chlorooctadecane 111 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 55 7' (H223145-55)**

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	07/22/2022	ND	2.11	106	2.00	1.18		
Toluene*	<0.050	0.050	07/22/2022	ND	2.19	109	2.00	1.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.21	110	2.00	1.70		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.77	113	6.00	1.28		
Total BTEX	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	199	99.3	200	0.579	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	184	91.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 104 % 43-149

Surrogate: 1-Chlorooctadecane 109 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 56 7' (H223145-56)**

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	07/22/2022	ND	2.11	106	2.00	1.18		
Toluene*	<0.050	0.050	07/22/2022	ND	2.19	109	2.00	1.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.21	110	2.00	1.70		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.77	113	6.00	1.28		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	199	99.3	200	0.579	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	184	91.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 99.6 % 43-149

Surrogate: 1-Chlorooctadecane 107 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	07/20/2022	Sampling Date:	07/18/2022
Reported:	07/25/2022	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED SWD / BAT	Sampling Condition:	Cool & Intact
Project Number:	03B1417048	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: FS - 57 7' (H223145-57)**

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	07/22/2022	ND	2.11	106	2.00	1.18		
Toluene*	<0.050	0.050	07/22/2022	ND	2.19	109	2.00	1.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.21	110	2.00	1.70		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.77	113	6.00	1.28		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	199	99.3	200	0.579	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	184	91.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 92.8 % 43-149

Surrogate: 1-Chlorooctadecane 101 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	07/20/2022	Sampling Date:	07/18/2022
Reported:	07/25/2022	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED SWD / BAT	Sampling Condition:	Cool & Intact
Project Number:	03B1417048	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: FS - 58 7' (H223145-58)**

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	07/22/2022	ND	2.11	106	2.00	1.18		
Toluene*	<0.050	0.050	07/22/2022	ND	2.19	109	2.00	1.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.21	110	2.00	1.70		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.77	113	6.00	1.28		
Total BTEX	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	199	99.3	200	0.579	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	184	91.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 92.3 % 43-149

Surrogate: 1-Chlorooctadecane 102 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 59 7' (H223145-59)**

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	07/22/2022	ND	2.11	106	2.00	1.18		
Toluene*	<0.050	0.050	07/22/2022	ND	2.19	109	2.00	1.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.21	110	2.00	1.70		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.77	113	6.00	1.28		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	199	99.3	200	0.579	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	184	91.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 99.0 % 43-149

Surrogate: 1-Chlorooctadecane 105 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 60 7' (H223145-60)**

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	07/22/2022	ND	2.11	106	2.00	1.18		
Toluene*	<0.050	0.050	07/22/2022	ND	2.19	109	2.00	1.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.21	110	2.00	1.70		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.77	113	6.00	1.28		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1600	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	199	99.3	200	0.579	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	184	91.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 81.0 % 43-149

Surrogate: 1-Chlorooctadecane 86.6 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 61 7' (H223145-61)**

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	07/22/2022	ND	2.11	106	2.00	1.18		
Toluene*	<0.050	0.050	07/22/2022	ND	2.19	109	2.00	1.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.21	110	2.00	1.70		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.77	113	6.00	1.28		
Total BTEX	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	07/22/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	220	110	200	7.14	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	225	112	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 77.3 % 43-149

Surrogate: 1-Chlorooctadecane 88.5 % 42.5-161

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\*=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:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 62 7' (H223145-62)**

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	07/22/2022	ND	2.11	106	2.00	1.18		
Toluene*	<0.050	0.050	07/22/2022	ND	2.19	109	2.00	1.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.21	110	2.00	1.70		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.77	113	6.00	1.28		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	220	110	200	7.14	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	225	112	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 76.8 % 43-149

Surrogate: 1-Chlorooctadecane 86.2 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 63 7' (H223145-63)**

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	07/22/2022	ND	2.11	106	2.00	1.18		
Toluene*	<0.050	0.050	07/22/2022	ND	2.19	109	2.00	1.24		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.21	110	2.00	1.70		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.77	113	6.00	1.28		
Total BTEX	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	220	110	200	7.14	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	225	112	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 65.5 % 43-149

Surrogate: 1-Chlorooctadecane 74.7 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 64 7' (H223145-64)**

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	07/22/2022	ND	2.01	101	2.00	5.18		
Toluene*	<0.050	0.050	07/22/2022	ND	2.23	111	2.00	10.1		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	10.9		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.81	113	6.00	11.3		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	220	110	200	7.14	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	225	112	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 76.2 % 43-149

Surrogate: 1-Chlorooctadecane 86.1 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 65 7' (H223145-65)**

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	07/22/2022	ND	2.01	101	2.00	5.18		
Toluene*	<0.050	0.050	07/22/2022	ND	2.23	111	2.00	10.1		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	10.9		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.81	113	6.00	11.3		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	220	110	200	7.14	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	225	112	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 81.3 % 43-149

Surrogate: 1-Chlorooctadecane 94.1 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 66 7' (H223145-66)**

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	07/22/2022	ND	2.01	101	2.00	5.18		
Toluene*	<0.050	0.050	07/22/2022	ND	2.23	111	2.00	10.1		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	10.9		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.81	113	6.00	11.3		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	220	110	200	7.14	
DRO >C10-C28*	13.3	10.0	07/22/2022	ND	225	112	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 80.2 % 43-149

Surrogate: 1-Chlorooctadecane 92.3 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 67 7' (H223145-67)**

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	07/22/2022	ND	2.01	101	2.00	5.18		
Toluene*	<0.050	0.050	07/22/2022	ND	2.23	111	2.00	10.1		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	10.9		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.81	113	6.00	11.3		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	220	110	200	7.14	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	225	112	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 74.9 % 43-149

Surrogate: 1-Chlorooctadecane 83.0 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 68 7' (H223145-68)**

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	07/22/2022	ND	2.01	101	2.00	5.18		
Toluene*	<0.050	0.050	07/22/2022	ND	2.23	111	2.00	10.1		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	10.9		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.81	113	6.00	11.3		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	220	110	200	7.14	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	225	112	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 83.7 % 43-149

Surrogate: 1-Chlorooctadecane 93.7 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 69 7' (H223145-69)**

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	07/22/2022	ND	2.01	101	2.00	5.18		
Toluene*	<0.050	0.050	07/22/2022	ND	2.23	111	2.00	10.1		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	10.9		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.81	113	6.00	11.3		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	220	110	200	7.14	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	225	112	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 85.7 % 43-149

Surrogate: 1-Chlorooctadecane 94.0 % 42.5-161

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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 70 7' (H223145-70)**

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	07/22/2022	ND	2.01	101	2.00	5.18	
Toluene*	<0.050	0.050	07/22/2022	ND	2.23	111	2.00	10.1	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	10.9	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.81	113	6.00	11.3	
Total BTX	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	220	110	200	7.14	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	225	112	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 77.9 % 43-149

Surrogate: 1-Chlorooctadecane 86.7 % 42.5-161

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 71 7' (H223145-71)**

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	07/22/2022	ND	2.01	101	2.00	5.18		
Toluene*	<0.050	0.050	07/22/2022	ND	2.23	111	2.00	10.1		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	10.9		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.81	113	6.00	11.3		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	220	110	200	7.14	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	225	112	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 84.1 % 43-149

Surrogate: 1-Chlorooctadecane 90.3 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 72 7' (H223145-72)**

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	07/22/2022	ND	2.01	101	2.00	5.18	
Toluene*	<0.050	0.050	07/22/2022	ND	2.23	111	2.00	10.1	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	10.9	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.81	113	6.00	11.3	
Total BTEX	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/22/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	220	110	200	7.14	
DRO >C10-C28*	110	10.0	07/22/2022	ND	225	112	200	3.39	
EXT DRO >C28-C36	44.8	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 84.3 % 43-149

Surrogate: 1-Chlorooctadecane 98.6 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 73 7' (H223145-73)**

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	07/22/2022	ND	2.01	101	2.00	5.18		
Toluene*	<0.050	0.050	07/22/2022	ND	2.23	111	2.00	10.1		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	10.9		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.81	113	6.00	11.3		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	220	110	200	7.14	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	225	112	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 86.1 % 43-149

Surrogate: 1-Chlorooctadecane 95.3 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 74 7' (H223145-74)**

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	07/22/2022	ND	2.01	101	2.00	5.18		
Toluene*	<0.050	0.050	07/22/2022	ND	2.23	111	2.00	10.1		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	10.9		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.81	113	6.00	11.3		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7060	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	220	110	200	7.14	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	225	112	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 81.4 % 43-149

Surrogate: 1-Chlorooctadecane 85.7 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 75 7' (H223145-75)**

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	07/22/2022	ND	2.01	101	2.00	5.18	
Toluene*	<0.050	0.050	07/22/2022	ND	2.23	111	2.00	10.1	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	10.9	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.81	113	6.00	11.3	
Total BTX	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	220	110	200	7.14	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	225	112	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 80.2 % 43-149

Surrogate: 1-Chlorooctadecane 88.6 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	07/20/2022	Sampling Date:	07/18/2022
Reported:	07/25/2022	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED SWD / BAT	Sampling Condition:	Cool & Intact
Project Number:	03B1417048	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: FS - 76 7' (H223145-76)**

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	07/22/2022	ND	2.01	101	2.00	5.18	
Toluene*	<0.050	0.050	07/22/2022	ND	2.23	111	2.00	10.1	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	10.9	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.81	113	6.00	11.3	
Total BTEX	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4960	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	220	110	200	7.14	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	225	112	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 77.4 % 43-149

Surrogate: 1-Chlorooctadecane 82.3 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 77 7' (H223145-77)**

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	07/22/2022	ND	2.01	101	2.00	5.18		
Toluene*	<0.050	0.050	07/22/2022	ND	2.23	111	2.00	10.1		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	10.9		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.81	113	6.00	11.3		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	15200	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	220	110	200	7.14	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	225	112	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 73.9 % 43-149

Surrogate: 1-Chlorooctadecane 84.4 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	07/20/2022	Sampling Date:	07/18/2022
Reported:	07/25/2022	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED SWD / BAT	Sampling Condition:	Cool & Intact
Project Number:	03B1417048	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

**Sample ID: FS - 78 7' (H223145-78)**

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	07/22/2022	ND	2.01	101	2.00	5.18	
Toluene*	<0.050	0.050	07/22/2022	ND	2.23	111	2.00	10.1	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	10.9	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.81	113	6.00	11.3	
Total BTEx	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	220	110	200	7.14	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	225	112	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 43-149

Surrogate: 1-Chlorooctadecane 102 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: FS - 79 7' (H223145-79)**

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	07/22/2022	ND	2.01	101	2.00	5.18		
Toluene*	<0.050	0.050	07/22/2022	ND	2.23	111	2.00	10.1		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	10.9		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.81	113	6.00	11.3		
Total BTEX	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	220	110	200	7.14	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	225	112	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 80.5 % 43-149

Surrogate: 1-Chlorooctadecane 90.9 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
BEAUX JENNINGS  
705 W WADLEY AVE.  
MIDLAND TX, 79705  
Fax To:

Received: 07/20/2022  
Reported: 07/25/2022  
Project Name: PROXIMITY 31 FED SWD / BAT  
Project Number: 03B1417048  
Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: FS - 80 7' (H223145-80)**

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	07/22/2022	ND	2.01	101	2.00	5.18	
Toluene*	<0.050	0.050	07/22/2022	ND	2.23	111	2.00	10.1	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	10.9	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.81	113	6.00	11.3	
Total BTEX	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	18300	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2022	ND	220	110	200	7.14	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	225	112	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					

Surrogate: 1-Chlorooctane 76.8 % 43-149

Surrogate: 1-Chlorooctadecane 86.9 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 1 0-5' (H223145-81)**

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	07/22/2022	ND	2.01	101	2.00	5.18		
Toluene*	<0.050	0.050	07/22/2022	ND	2.23	111	2.00	10.1		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	10.9		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.81	113	6.00	11.3		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	221	110	200	2.65	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	227	114	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 82.2 % 43-149

Surrogate: 1-Chlorooctadecane 74.4 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 2 0-5' (H223145-82)**

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	07/22/2022	ND	2.01	101	2.00	5.18	
Toluene*	<0.050	0.050	07/22/2022	ND	2.23	111	2.00	10.1	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	10.9	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.81	113	6.00	11.3	
Total BTEX	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	221	110	200	2.65	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	227	114	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 115 % 43-149

Surrogate: 1-Chlorooctadecane 109 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 3 0-4' (H223145-83)**

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	07/22/2022	ND	2.01	101	2.00	5.18	
Toluene*	<0.050	0.050	07/22/2022	ND	2.23	111	2.00	10.1	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.16	108	2.00	10.9	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.81	113	6.00	11.3	
Total BTX	<0.300	0.300	07/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	221	110	200	2.65	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	227	114	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 88.2 % 43-149

Surrogate: 1-Chlorooctadecane 87.2 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 4 0-5' (H223145-84)**

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	07/22/2022	ND	2.02	101	2.00	7.32		
Toluene*	<0.050	0.050	07/22/2022	ND	2.23	112	2.00	5.43		
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.21	111	2.00	6.34		
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.99	116	6.00	7.15		
Total BTEx	<0.300	0.300	07/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	221	110	200	2.65	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	227	114	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 95.0 % 43-149

Surrogate: 1-Chlorooctadecane 87.0 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 5 0-5' (H223145-85)**

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	07/23/2022	ND	2.02	101	2.00	7.32		
Toluene*	<0.050	0.050	07/23/2022	ND	2.23	112	2.00	5.43		
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.21	111	2.00	6.34		
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.99	116	6.00	7.15		
Total BTX	<0.300	0.300	07/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1490	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	221	110	200	2.65	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	227	114	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 94.1 % 43-149

Surrogate: 1-Chlorooctadecane 88.8 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 6 0-5' (H223145-86)**

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	07/23/2022	ND	2.02	101	2.00	7.32		
Toluene*	<0.050	0.050	07/23/2022	ND	2.23	112	2.00	5.43		
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.21	111	2.00	6.34		
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.99	116	6.00	7.15		
Total BTEx	<0.300	0.300	07/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	221	110	200	2.65	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	227	114	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 92.2 % 43-149

Surrogate: 1-Chlorooctadecane 86.4 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 7 0-5' (H223145-87)**

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	07/23/2022	ND	2.02	101	2.00	7.32		
Toluene*	<0.050	0.050	07/23/2022	ND	2.23	112	2.00	5.43		
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.21	111	2.00	6.34		
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.99	116	6.00	7.15		
Total BTEx	<0.300	0.300	07/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	221	110	200	2.65	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	227	114	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 98.3 % 43-149

Surrogate: 1-Chlorooctadecane 91.8 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 8 0-5' (H223145-88)**

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	07/23/2022	ND	2.02	101	2.00	7.32		
Toluene*	<0.050	0.050	07/23/2022	ND	2.23	112	2.00	5.43		
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.21	111	2.00	6.34		
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.99	116	6.00	7.15		
Total BTEX	<0.300	0.300	07/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	221	110	200	2.65	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	227	114	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 84.4 % 43-149

Surrogate: 1-Chlorooctadecane 76.1 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/20/2022  
 Reported: 07/25/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 9 0-5' (H223145-89)**

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	07/23/2022	ND	2.02	101	2.00	7.32	
Toluene*	<0.050	0.050	07/23/2022	ND	2.23	112	2.00	5.43	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.21	111	2.00	6.34	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.99	116	6.00	7.15	
Total BTX	<0.300	0.300	07/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	221	110	200	2.65	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	227	114	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 89.0 % 43-149

Surrogate: 1-Chlorooctadecane 80.7 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENSOLUM, LLC  
BEAUX JENNINGS  
705 W WADLEY AVE.  
MIDLAND TX, 79705  
Fax To:

Received: 07/20/2022  
Reported: 07/25/2022  
Project Name: PROXIMITY 31 FED SWD / BAT  
Project Number: 03B1417048  
Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SW - 10 0-7' (H223145-90)**

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	07/23/2022	ND	2.02	101	2.00	7.32		
Toluene*	<0.050	0.050	07/23/2022	ND	2.23	112	2.00	5.43		
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.21	111	2.00	6.34		
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.99	116	6.00	7.15		
Total BTEx	<0.300	0.300	07/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2022	ND	221	110	200	2.65	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	227	114	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 83.0 % 43-149

Surrogate: 1-Chlorooctadecane 75.7 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 9

Company Name: Ensolum, LLC		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Beaux Jennings		Company: Oxy USA Inc.					
Address: 601 N Marientfeld Street, Suite 400		Attn: Wade Dittich					
City: Midland State: TX Zip: 79701		Address:					
Phone #: 210-219-8858 Fax #:		City:					
Project #: 6331417048 Project Owner:		State:					
Project Name: Rosemary 31 Feb. 5000/BAT		Zip:					
Project Location: Lea County, NM		Phone #: 575-390-2828					
Sampler Name: Kelly Looney		Fax #:					

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH	BTEN	Chlorides	
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :						ACID/BASE:
H23145	FS-1	5'	C	1	X							2/18/22	0810	X	X	X
	FS-2	5'	C	1	X							2/18/22	0812	X	X	X
	FS-3	5'	C	1	X							2/18/22	0814	X	X	X
	FS-4	5'	C	1	X							2/18/22	0816	X	X	X
	FS-5	5'	C	1	X							2/18/22	0818	X	X	X
	FS-6	5'	C	1	X							2/18/22	0820	X	X	X
	FS-7	5'	C	1	X							2/18/22	0822	X	X	X
	FS-8	5'	C	1	X							2/18/22	0824	X	X	X
	FS-9	5'	C	1	X							2/18/22	0826	X	X	X
	FS-10	4'	C	1	X							2/18/22	0828	X	X	X

Relinquished By:	Date: 01/19/22	Received By:	Date: 01/19/22
Relinquished By:	Time: 11:50	Received By:	Time: 11:50
Relinquished By:	Date: 7-20-22	Received By:	Date: 7-20-22
Relinquished By:	Time: 09:35	Received By:	Time: 09:35

Delivered By: (Circle One)	Observed Temp.: °C	Sample Condition	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other:	Corrected Temp.: °C	Cool Intact	Turnaround Time:
		Yes No	Standard Rush
			Bacteria (only) Sample Condition
			Observed Temp.: °C
			Corrected Temp.: °C

Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
All Results are emailed. Please provide Email address:	
REMARKS: B Jennings@ensolum.com	

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 9

Company Name: Beaumont Jennings				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>			
Project Manager: Beaumont Jennings				P.O. #:							
Address: 601 N Marland Street, Suite 400				Company: Oxy USA Inc.							
City: Midland				State: TX				Zip: 79701			
Phone #: 210-219-8658				Fax #:				Address:			
Project #: 03B419048				Project Owner:				City:			
Project Name: Pecan 31 Fed. Sub/Bat				State:				Zip:			
Project Location: Lee County, NM				Phone #: 575-390-2828							
Sample Name: Kelly Looer				Fax #:							
FOR LAB USE ONLY											
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX			PRESERV.	SAMPLING	DATE	TIME
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:
					ICE / COOL	OTHER:					
H223145	FS-11	5'	C	1	X					2/18/22	0830
12	FS-12	5'	C	1	X					2/18/22	0832
13	FS-13	5'	C	1	X					2/18/22	0835
14	FS-14	5'	C	1	X					2/18/22	0837
15	FS-15	5'	C	1	X					2/18/22	0840
16	FS-16	5'	C	1	X					2/18/22	0845
17	FS-17	5'	C	1	X					2/18/22	0849
18	FS-18	5'	C	1	X					2/18/22	0853
19	FS-19	5'	C	1	X					2/18/22	0903
20	FS-20	5'	C	1	X					2/18/22	0913
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Relinquished By: <i>[Signature]</i>				Received By: <i>[Signature]</i>				Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:			
Date: 6/19/22				Time: 1:50				All Results are emailed. Please provide Email address:			
Relinquished By: <i>[Signature]</i>				Received By: <i>[Signature]</i>				REMARKS: B Jennings@ensolum.com			
Date: 7-20-22				Time: 8:35							
Delivered By: (Circle One)				Observed Temp.: °C				Sample Condition			
Sampler - UPS - Bus - Other:				Corrected Temp.: °C				Cool Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No			
Turnaround Time:				Standard				Bacteria (only) Sample Condition			
Thermometer ID #13				Rush <input type="checkbox"/>				Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No			
Corrosion Factor: 0.5°C				7/20/22				Corrected Temp.: °C			

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3 of 9

Company Name: <u>Envelom, LLC</u>		BILL TO		ANALYSIS REQUEST	
Project Manager: <u>Bruce Semings</u>		P.O. #:			
Address: <u>601 N Maricopa St, Suite 400</u>		Company: <u>Oxy USA Inc</u>			
City: <u>Maricopa</u> State: <u>Tx</u> Zip: <u>79121</u>		Attn: <u>Wade Dittsch</u>			
Phone #: <u>214-219-8658</u> Fax #: _____		Address: _____			
Project #: <u>035417048</u> Project Owner: _____		City: _____			
Project Name: <u>Proximity 31 Fed. 500) BRT</u>		State: _____ Zip: _____			
Project Location: <u>Lea County, NM</u>		Phone #: <u>575-390-2828</u>			
Sampler Name: <u>Kelly Levey</u>		Fax #: _____			

Lab I.D.	Sample I.D.	Depth (Ft)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH	BTEX	Chlorides
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H223145	FS - 21	5'	C	1	X						2/18/22	0919	X	X	X
	FS - 22	3'	C	1	X						2/18/22	0920	X	X	X
	FS - 23	5'	C	1	X						2/18/22	0925	X	X	X
	FS - 24	5'	C	1	X						2/18/22	0930	X	X	X
	FS - 25	5'	C	1	X						2/18/22	0935	X	X	X
	FS - 26	3'	C	1	X						2/18/22	0940	X	X	X
	FS - 27	2'	C	1	X						2/18/22	0945	X	X	X
	FS - 28	2'	C	1	X						2/18/22	0950	X	X	X
	FS - 29	2'	C	1	X						2/18/22	0953	X	X	X
	FS - 30	2'	C	1	X						2/18/22	0956	X	X	X

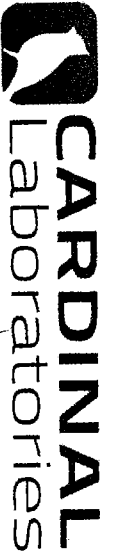
Relinquished By: _____	Date: <u>2/19/22</u>	Received By: _____	Date: <u>2/19/22</u>
Relinquished By: _____	Date: <u>2/20/22</u>	Received By: _____	Date: <u>2/20/22</u>
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____	Observed Temp. °C: <u>28</u> Corrected Temp. °C: <u>28</u>	Sample Condition <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: _____ (Initials)
Turnaround Time: _____		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	Bacteria (only) Sample Condition <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No
Thermometer ID #113 Corrosion Factor: 0.3°C		Observed Temp. °C: _____ Corrected Temp. °C: _____	

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Verbal Result: ☐ Yes ☐ No Add'l Phone #: \_\_\_\_\_  
All Results are emailed. Please provide Email address: \_\_\_\_\_  
REMARKS: See Envelom.com

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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

4 of

Company Name: <b>Ensolum, LLC</b>		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: <b>Bease Seavings</b>		Company: <b>OK USA Inc.</b>					
Address: <b>601 N Marleneh, St, Suite 466</b>		Attn: <b>Wade D. Hirsch</b>					
City: <b>Midland</b> State: <b>Tx</b> Zip: <b>79701</b>		Address:					
Phone #: <b>810-219-8858</b> Fax #:		City:					
Project #: <b>03B1417048</b> Project Owner:		State:					
Project Name: <b>Proximity 31 Fed. Sub/BAT</b>		Zip:					
Project Location: <b>Lea County, NM</b>		Phone #: <b>575-390-2828</b>					
Sampler Name: <b>B Kelly Lowery</b>		Fax #:					

Lab I.D.	Sample I.D.	Depth (ft)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	TPH	BTEX	Chlorides							
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:												ICE / COOL
323145	F5 - 31	2'	C 1	X								2/18/22	1000	X	X	X							
32	F5 - 32	2'	C 1	X								2/18/22	1003	X	X	X							
33	F5 - 33	5'	C 1	X								2/18/22	1007	X	X	X							
34	F5 - 34	5'	C 1	X								2/18/22	1015	X	X	X							
35	F5 - 35	5'	C 1	X								2/18/22	1017	X	X	X							
36	F5 - 36	5'	C 1	X								2/18/22	1020	X	X	X							
37	F5 - 37	5'	C 1	X								2/18/22	1025	X	X	X							
38	F5 - 38	5'	C 1	X								2/18/22	1030	X	X	X							
39	F5 - 39	5'	C 1	X								2/18/22	1035	X	X	X							
40	F5 - 40	5'	C 1	X								2/18/22	1040	X	X	X							

Relinquished By: <b>[Signature]</b>		Date: <b>2/14/22</b>		Received By: <b>[Signature]</b>		Date: <b>2/14/22</b>		Turnaround Time: <b>Standard</b>		Bacteria (only) Sample Condition	
Relinquished By: <b>[Signature]</b>		Date: <b>2/20/22</b>		Received By: <b>[Signature]</b>		Date: <b>2/20/22</b>		Thermometer ID #113		Cool Intact	
Delivered By: (Circle One)		Observed Temp. °C: <b>2.8</b>		Corrected Temp. °C: <b>2.2</b>		Sample Condition		CHECKED BY: <b>[Signature]</b>		Bacteria (only) Sample Condition	
Sampler - UPS - Bus - Other:		Corrected Temp. °C: <b>2.2</b>		No		Yes		No		Yes	

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Remarks: **B Seavings@ensolum.com**

Verbal Result: ☐ Yes ☐ No ☐ Add'l Phone #:

All Results are emailed. Please provide Email address:

† Cardinal cannot accept verbal changes. Please email changes to celey.keeffe@cardinallabsnm.com





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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>	
Project Manager: Beaux Jennings		P.O. #:			
Address: 601 N Marientfeld Street, Suite 400		Company: Oxy USA Inc.			
City: Midland		Attn: Wade Dittich			
State: TX Zip: 79701		Address:			
Phone #: 210-219-8858 Fax #:		City:			
Project #: 0331419048 Project Owner:		State:			
Project Name: Proximity B Fed. Subj BAT		Zip:			
Project Location: Lea County, NM		Phone #: 575-390-2828			
Sampler Name: Kelly Lacey		Fax #:			

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH	BTEX	Chlorides	5 ac	
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :							ACID/BASE:
41	FS-41	5'	C 1	1	X							7.16.22	10 45	X	X	X	
42	FS-42	7'	C 1	1	X							7.16.22	10 50	X	X	X	
43	FS-43	7'	C 1	1	X							7.16.22	11 03	X	X	X	
44	FS-44	7'	C 1	1	X							7.16.22	11 05	X	X	X	
45	FS-45	7'	C 1	1	X							7.16.22	11 06	X	X	X	
46	FS-46	7'	C 1	1	X							7.16.22	11 07	X	X	X	
47	FS-47	7'	C 1	1	X							7.16.22	11 09	X	X	X	
48	FS-48	7'	C 1	1	X							7.16.22	11 10	X	X	X	
49	FS-49	7'	C 1	1	X							7.16.22	11 13	X	X	X	
50	FS-50	7'	C 1	1	X							7.16.22	11 13	X	X	X	

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Relinquished By:	Date: 4/19/22	Received By:	Date: 4/19/22
Relinquished By:	Date: 4/20/22	Received By:	Date: 4/20/22
Delivered By: (Circle One)	Observed Temp.: °C 2.8	Sample Condition	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other:	Corrected Temp.: °C 2.2	Cool Intact	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
		Thermometer ID #113	Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
		Correction Factor -0.3°C	Bacteria (only) <input type="checkbox"/> Sample Condition <input type="checkbox"/>
			Cool Intact <input type="checkbox"/> Observed Temp.: °C
			Yes <input type="checkbox"/> No <input type="checkbox"/>
			Corrected Temp.: °C

REMARKS: Jennings@ensolum.com

† Cardinal cannot accept verbal changes. Please email changes to celey.keeffe@cardinallabsnm.com



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Laboratories

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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC							
Project Manager: Beaux Jennings						P.O. #:	BILL TO
Address: 601 N Marienfeld Street, Suite 400						Company: Oxy USA Inc.	
City: Midland		State: TX		Zip: 79701		Attn: Wade Dietrich	
Phone #: 210-219-8858		Fax #:		Address:			
Project #: 03B141304K		Project Owner:		City:			
Project Name: Proximity 81 Fed. SDD/BAT		State:		Zip:			
Project Location: Lee County, NM		Phone #: 575-390-2828		Fax #:			
Sample Name: Kelly Laundry		FOR LAB USE ONLY		MATRIX	PRESERV.	SAMPLING	
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	
H223145					SOIL	OIL	
					SLUDGE	OTHER :	
					ACID/BASE:	ICE / COOL	
					OTHER :	DATE	TIME
	F5-S1	7'	C 1	X	X	7.18.22	11 17
	F5-S2	7'	C 1	X	X	7.18.22	11 20
	F5-S3	7'	C 1	X	X	7.18.22	11 25
	F5-S4	7'	C 1	X	X	7.18.22	11 30
	F5-S5	7'	C 1	X	X	7.18.22	11 35
	F5-S6	7'	C 1	X	X	7.18.22	11 40
	F5-S7	7'	C 1	X	X	7.18.22	11 45
	F5-S8	7'	C 1	X	X	7.18.22	11 50
	F5-S9	7'	C 1	X	X	7.18.22	12 00
	F5-S10	7'	C 1	X	X	7.18.22	12 07
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.							
Relinquished By:		Date: 07/16/02	Received By:		Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:		
Time: 1150		Date: 7-20-22		Time: 0935		All Results are emailed. Please provide Email address:	
Relinquished By:		Received By:		REMARKS: B. Jennings @ ensolum.com			
Delivered By: (Circle One)		Observed Temp.: °C	Corrected Temp.: °C	Sample Condition	Checked BY: (Initials)	Turnaround Time:	
Sampler - UPS - Bus - Other:		2.8	2.8	Cool Intact <input type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	V.P.	Standard Rush	Bacteria (only) Thermometer ID #113 Correction Factor -0.5°C
						<input checked="" type="checkbox"/> Add'l Phone #: <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> Sample Condition	Observed Temp. °C
						Corrected Temp. °C	



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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

7 of 9

Company Name: Beaux Jennings		P.O. #:		BILL TO		ANALYSIS REQUEST	
Address: 601 N Marlenfeld Street, Suite 400		Company: Oxy USA Inc.					
City: Midland		Attn: Wade Dittrich					
Phone #: 210-219-8858		Address:					
Fax #: 210-219-8858		City:					
Project #: 03B1417046		State:					
Project Owner: PROXIMITY 81 Fed. Sub/BAT		Zip:					
Project Location: Lea County, NM		Phone #: 575-390-2828					
Sample Name: Kelly Lovey		Fax #:					

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH 8015M	BTEX 8021B	Chlorides 4500
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
422345	FS-61	1'	C	1											
61	FS-62	1'	C	1											
62	FS-63	1'	C	1											
63	FS-64	1'	C	1											
64	FS-65	1'	C	1											
65	FS-66	1'	C	1											
66	FS-67	1'	C	1											
67	FS-68	1'	C	1											
68	FS-69	1'	C	1											
69	FS-70	1'	C	1											

Relinquished By: <i>[Signature]</i>	Date: 04/19/22	Received By: <i>[Signature]</i>	Date: 04/19/22
Relinquished By: <i>[Signature]</i>	Date: 04/19/22	Received By: <i>[Signature]</i>	Date: 04/19/22

Delivered By: (Circle One)	Observed Temp. °C: 2.8	Sample Condition	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other:	Corrected Temp. °C: 2.8	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> Sample Condition <input type="checkbox"/> Observed Temp. °C <input type="checkbox"/> Corrected Temp. °C <input type="checkbox"/>

REMARKS: *Beaux Jennings Environmental.com*

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

8 of 9

Company Name: Ensolum, LLC		<b>BILL TO</b>		P.O. #:		ANALYSIS REQUEST	
Project Manager: Beaux Jennings		Address: 601 N Marland Street, Suite 400		Company: Oxy USA Inc.			
City: Midland		State: TX Zip: 79701		Attn: Wade Dittich			
Phone #: 210-219-8858		Fax #:		Address:			
Project #: 0321413046		Project Owner:		City:			
Project Name: Property 31 Fed. SUD/ISAT		State:		Zip:			
Project Location: Lea County, NM		Phone #: 575-390-2828		Fax #:			
Sample Name: Kelly Lacey		FOR LAB USE ONLY		DATE		TIME	
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING
H223145							
71	FS-71	7'	C	1	X		7.18.22 1250
72	FS-72	7'	C	1	X		7.18.22 1253
73	FS-73	7'	C	1	X		7.18.22 1257
74	FS-74	7'	C	1	X		7.18.22 1300
75	FS-75	7'	C	1	X		7.18.22 1303
76	FS-76	7'	C	1	X		7.18.22 1307
77	FS-77	7'	C	1	X		7.18.22 1310
78	FS-78	7'	C	1	X		7.18.22 1313
79	FS-79	7'	C	1	X		7.18.22 1317
80	FS-80	7'	C	1	X		7.18.22 1320
				TPH 8015M			
				BTEX 8021B			
				Chlorides 4500			
<p>PLEASE NOTE: Liability and Damages. Cardholder's liability and damage shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</p>							
Relinquished By:		Date: 07/19/22		Received By:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
Relinquished By: [Signature]		Time: 1150		Received By: [Signature]		All Results are emailed. Please provide Email address:	
Delivered By: (Circle One)		Observed Temp. °C: 2.8		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Intact		CHECKED BY: [Signature]	
Sampler - UPS - Bus - Other:		Corrected Temp. °C: 2.2		Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Tumaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
						Thermometer ID #13	
						Correction Factor: -0.3°C	
						Bacteria (only) Sample Condition: <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	
						Observed Temp. °C	
						Corrected Temp. °C	
REMARKS: [Signature]							





ANALYSIS REQUEST

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July 29, 2022

BEAUX JENNINGS  
ENSOLUM, LLC  
705 W WADLEY AVE.  
MIDLAND, TX 79705

RE: PROXIMITY 31 FED SWD / BAT

Enclosed are the results of analyses for samples received by the laboratory on 07/26/22 12:51.

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 fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene  
Lab Director/Quality Manager





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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/26/2022  
 Reported: 07/29/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/26/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 11 0-5' (H223276-01)**

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	07/28/2022	ND	2.07	103	2.00	7.38		
Toluene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	7.89		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.18	109	2.00	7.61		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.68	111	6.00	7.21		
Total BTEX	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	07/28/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/27/2022	ND	253	126	200	29.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	27.9	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 79.8 % 43-149

Surrogate: 1-Chlorooctadecane 83.2 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/26/2022  
 Reported: 07/29/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/26/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 12 0-5' (H223276-02)**

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	07/28/2022	ND	2.07	103	2.00	7.38		
Toluene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	7.89		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.18	109	2.00	7.61		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.68	111	6.00	7.21		
Total BTEx	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/28/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/27/2022	ND	253	126	200	29.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	27.9	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 108 % 43-149

Surrogate: 1-Chlorooctadecane 113 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/26/2022  
 Reported: 07/29/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/26/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 13 0-5' (H223276-03)**

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	07/28/2022	ND	2.07	103	2.00	7.38		
Toluene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	7.89		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.18	109	2.00	7.61		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.68	111	6.00	7.21		
Total BTEX	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/28/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/27/2022	ND	253	126	200	29.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	27.9	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 104 % 43-149

Surrogate: 1-Chlorooctadecane 110 % 42.5-161

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\*=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:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/26/2022  
 Reported: 07/29/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/26/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 14 0-7' (H223276-04)**

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	07/28/2022	ND	2.07	103	2.00	7.38		
Toluene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	7.89		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.18	109	2.00	7.61		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.68	111	6.00	7.21		
Total BTEX	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/28/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/27/2022	ND	253	126	200	29.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	27.9	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 103 % 43-149

Surrogate: 1-Chlorooctadecane 108 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/26/2022  
 Reported: 07/29/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/26/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 15 0-7' (H223276-05)**

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	07/28/2022	ND	2.07	103	2.00	7.38		
Toluene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	7.89		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.18	109	2.00	7.61		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.68	111	6.00	7.21		
Total BTEx	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/28/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/27/2022	ND	253	126	200	29.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	27.9	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 103 % 43-149

Surrogate: 1-Chlorooctadecane 109 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/26/2022  
 Reported: 07/29/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/26/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 16 0-5' (H223276-06)**

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	07/28/2022	ND	2.07	103	2.00	7.38		
Toluene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	7.89		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.18	109	2.00	7.61		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.68	111	6.00	7.21		
Total BTEx	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/28/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/27/2022	ND	171	85.5	200	0.330	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	174	87.2	200	3.77	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 68.7 % 43-149

Surrogate: 1-Chlorooctadecane 74.4 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/26/2022  
 Reported: 07/29/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/26/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 17 0-4' (H223276-07)**

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	07/28/2022	ND	2.07	103	2.00	7.38		
Toluene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	7.89		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.18	109	2.00	7.61		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.68	111	6.00	7.21		
Total BTEx	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/28/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/27/2022	ND	171	85.5	200	0.330	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	174	87.2	200	3.77	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 72.0 % 43-149

Surrogate: 1-Chlorooctadecane 78.3 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/26/2022  
 Reported: 07/29/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/26/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 18 0-5' (H223276-08)**

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	07/28/2022	ND	2.07	103	2.00	7.38	
Toluene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	7.89	
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.18	109	2.00	7.61	
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.68	111	6.00	7.21	
Total BTEX	<0.300	0.300	07/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/28/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/27/2022	ND	171	85.5	200	0.330	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	174	87.2	200	3.77	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 70.4 % 43-149

Surrogate: 1-Chlorooctadecane 75.8 % 42.5-161

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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/26/2022  
 Reported: 07/29/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/26/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 19 0-3' (H223276-09)**

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	07/28/2022	ND	2.07	103	2.00	7.38	
Toluene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	7.89	
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.18	109	2.00	7.61	
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.68	111	6.00	7.21	
Total BTEX	<0.300	0.300	07/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/28/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/27/2022	ND	171	85.5	200	0.330	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	174	87.2	200	3.77	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 73.2 % 43-149

Surrogate: 1-Chlorooctadecane 79.3 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 07/26/2022  
 Reported: 07/29/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 07/26/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 20 0-2' (H223276-10)**

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	07/28/2022	ND	2.07	103	2.00	7.38		
Toluene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	7.89		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.18	109	2.00	7.61		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.68	111	6.00	7.21		
Total BTEx	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/28/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2022	ND	171	85.5	200	0.330	
DRO >C10-C28*	<10.0	10.0	07/28/2022	ND	174	87.2	200	3.77	
EXT DRO >C28-C36	<10.0	10.0	07/28/2022	ND					

Surrogate: 1-Chlorooctane 69.2 % 43-149

Surrogate: 1-Chlorooctadecane 75.3 % 42.5-161

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### Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager





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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Beaux Jennings		Company: Oxy USA, Inc.					
Address: 601 N. Mainfield St. STE 400		Attn: Wade Dittich					
City: Midland		State: TX		Zip: 79701			
Phone #: 210-219-8858		Fax #:		Address:			
Project #: 03BW17044		Project Owner:		City:			
Project Name: Proximity 31 Ex. SUD/BAT		State:		Zip:			
Project Location: Lea County, NM		Phone #:		Fax #:			
Sample Name: Samantha Markant		PRESERV		SAMPLING			
FOR LAB USE ONLY							
Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING
					GROUNDWATER		
					WASTEWATER		
					SOIL		
					OIL		
					SLUDGE		
					OTHER :		
					ACID/BASE:		
					ICE / COOL		
					OTHER :		
					DATE	TIME	
1633716	SW-11	0-5'	C	1	9/26/22	0852	TPH 8015 M
2	SW-12	0-5'	C	1	9/26/22	0856	BTEX 8021 B
3	SW-13	0-5'	C	1	9/26/22	0858	Chlorides 4500
4	SW-14	0-9'	C	1	9/26/22	0900	
5	SW-15	0-9'	C	1	9/26/22	0904	
6	SW-16	0-5'	C	1	9/26/22	0907	
7	SW-17	0-4'	C	1	9/26/22	0909	
8	SW-18	0-5'	C	1	9/26/22	0911	
9	SW-19	0-3'	C	1	9/26/22	0913	
10	SW-20	0-2'	C	1	9/26/22	0916	

PLEASE NOTE: Liability and Damages. Cardinal's liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>Samantha Markant</i>	Date: <i>9/26/22</i>	Received By: <i>Steele Dittich</i>	Time: <i>0851</i>
Relinquished By:	Date:	Received By:	Time:

Delivered By: (Circle One)	Observed Temp. °C	Corrected Temp. °C	Sample Condition	CHECKED BY: <i>(initials)</i>	Turnaround Time:	Standard	Bacteria (only)	Sample Condition
Sampler - UPS - Bus - Other:			Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	Cool <input type="checkbox"/> Intact <input type="checkbox"/>	Observed Temp. °C
			No <input type="checkbox"/> Yes <input type="checkbox"/>				No <input type="checkbox"/> Yes <input type="checkbox"/>	Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Verbal Result: ☐ Yes ☐ No ☐ Add'l Phone #:

REMARKS: *7/26/22*

Thermometer ID #113 *0.5°C* *0.1°C*

Corrosion Factor *0.5°C* *0.1°C*

Standard *0.5°C* *0.1°C*

Bacteria (only) ☐ Cool ☐ Intact ☐

Sample Condition ☐ Observed Temp. °C ☐ Corrected Temp. °C





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

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August 10, 2022

BEAUX JENNINGS  
ENSOLUM, LLC  
705 W WADLEY AVE.  
MIDLAND, TX 79705

RE: PROXIMITY 31 FED SWD / BAT

Enclosed are the results of analyses for samples received by the laboratory on 08/05/22 15:39.

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 fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 08/05/2022  
 Reported: 08/10/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 08/05/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 5 0-5 (H223518-01)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/09/2022	ND	416	104	400	0.00	

**Sample ID: FS - 35 7' (H223518-02)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/09/2022	ND	416	104	400	0.00	

**Sample ID: FS - 72 7' (H223518-03)**

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	08/09/2022	ND	185	92.4	200	2.90	
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	199	99.4	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND					

Surrogate: 1-Chlorooctane 91.3 % 43-149

Surrogate: 1-Chlorooctadecane 96.5 % 42.5-161

**Sample ID: FS - 60 7' (H223518-04)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/09/2022	ND	416	104	400	0.00	

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ENSOLUM, LLC  
 BEAUX JENNINGS  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 08/05/2022  
 Reported: 08/10/2022  
 Project Name: PROXIMITY 31 FED SWD / BAT  
 Project Number: 03B1417048  
 Project Location: OXY - LEA CO NM

Sampling Date: 08/05/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: FS - 54 7' (H223518-05)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/09/2022	ND	416	104	400	0.00	

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Cardinal Laboratories

\*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

---

Celey D. Keene, Lab Director/Quality Manager



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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUIREMENTS

## CUSTODY SEAL

Date 8-5-22

**Signature**

**Thermo**  
SCIENTIFIC

90009



## APPENDIX F

C-141



District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

Incident ID	nAPP2118765970
District RP	
Facility ID	30-025-20423
Application ID	

## Release Notification

### Responsible Party

Responsible Party: Oxy USA Inc.	OGRID: 16696
Contact Name: Wade Dittrich	Contact Telephone: 575-390-2828
Contact email: wade_dittrich@oxy.com	Incident # (assigned by OCD) nAPP2118765970
Contact mailing address: PO Box 4294, Houston, TX 77210	

### Location of Release Source

Latitude 32.355132

Longitude -103.711208

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Proximity 31 Fed SWD BAT	Site Type: Right-of-Way
Date Release Discovered: 7/2/2021	API# (if applicable) 30-025-20423

Unit Letter	Section	Township	Range	County
B	31	22S	32E	Lea

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls):	Volume Recovered (bbls):
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls): 100	Volume Recovered (bbls): 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: 12" steel valve corrosion.


State of New Mexico  
Oil Conservation Division

Incident ID	nAPP2118765970
District RP	
Facility ID	30-025-20423
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Release is greater than 25 barrels.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, by Wade Dittrich of Oxy via email to <a href="mailto:OCD.enviro@state.nm.us">OCD.enviro@state.nm.us</a> and <a href="mailto:BLM_NM_CFO_Spill@blm.gov">BLM_NM_CFO_Spill@blm.gov</a> .	

**Initial Response**

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

<input checked="" type="checkbox"/> The source of the release has been stopped.	
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Wade Dittrich</u>	Title: <u>Environmental Specialist</u>
Signature: <u></u>	Date: <u>10-19-22</u>
email: <u>wade_dittrich@oxy.com</u>	Telephone: <u>575-390-2828</u>
<b><u>OCD Only</u></b>	
Received by: _____	Date: _____

Incident ID	nAPP2118765970
District RP	
Facility ID	30-025-20423
Application ID	

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>&gt; 100</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

### **Characterization Report Checklist:** *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

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



State of New Mexico  
Oil Conservation Division

Incident ID	nAPP2118765970
District RP	
Facility ID	30-025-20423
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Wade Dittrich

Title: Environmental Specialist

Signature: 

Date: 10-19-22

email: wade\_dittrich@oxy.com

Telephone: 575-390-2828

**OCD Only**

Received by: \_\_\_\_\_

Date: \_\_\_\_\_

State of New Mexico  
Oil Conservation Division

Incident ID	nAPP2118765970
District RP	
Facility ID	30-025-20423
Application ID	

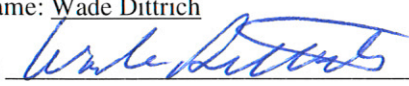
## Closure

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 DittrichTitle: Environmental SpecialistSignature: Date: 10-19-22email: wade\_dittrich@oxy.comTelephone: 575-390-2828**OCD Only**Received by: Jocelyn HarimonDate: 10/19/2022

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: 11/16/2022Printed Name: Jennifer NobuiTitle: Environmental Specialist A

**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 151892

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 151892
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	11/16/2022