



ENSOLUM

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



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

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32.355132 N, 103.711208 W
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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.

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- 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

Operator:	Oxy USA Inc. (Oxy)
Site Name:	Proximity 31 Fed SWD
Location:	32.355132 N, 103.711208 W Lea County, New Mexico
Property:	Bureau of Land Management (BLM)
Regulatory:	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 ENMRD 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.

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- 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

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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.

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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-CI 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 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**.

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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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- 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 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 for Soils Impacted by a Release using the 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.
- 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.

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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.

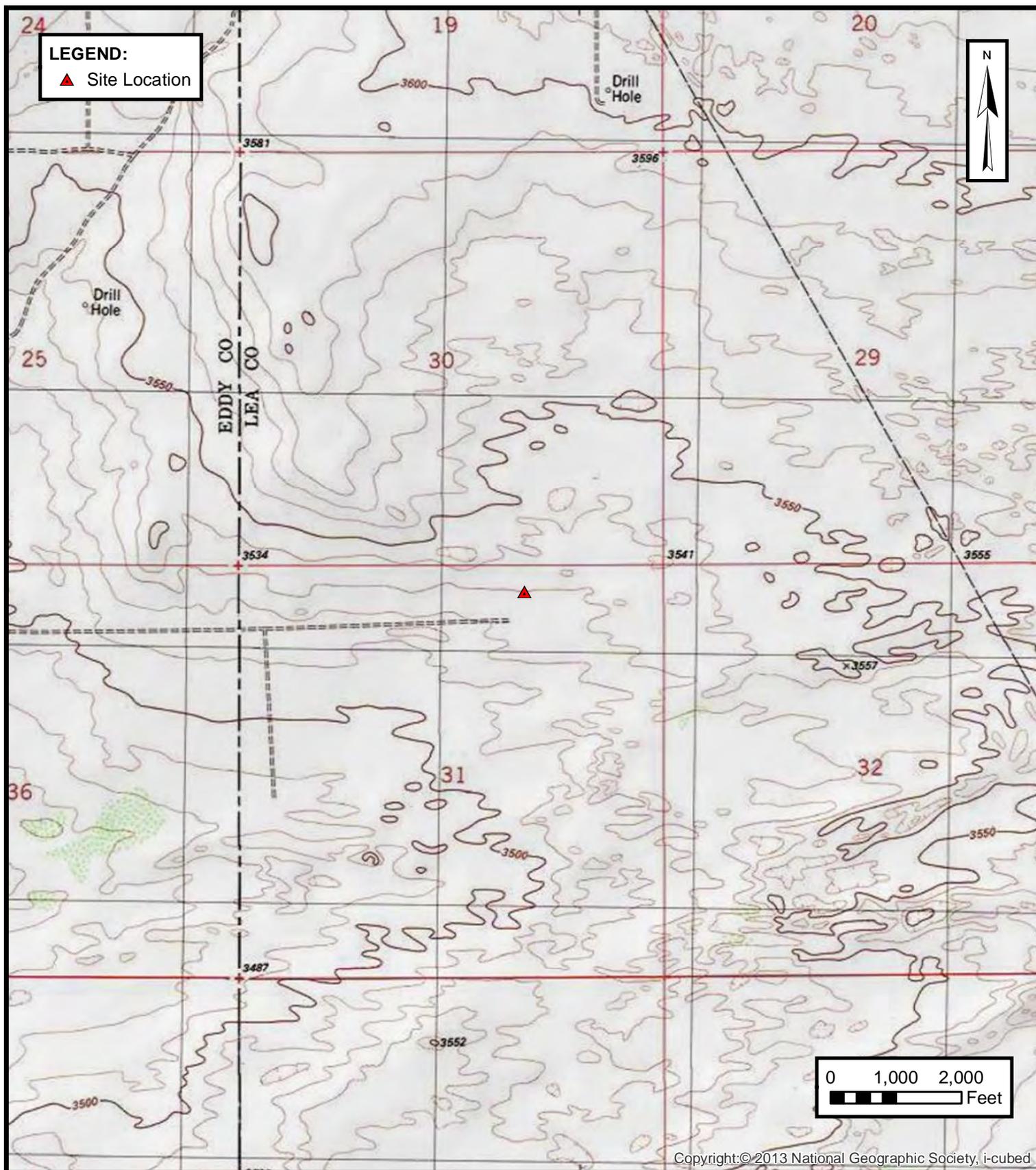
9.3 Reliance

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



ENSOLUM
Environmental, Engineering and
Hydrogeologic Consultants

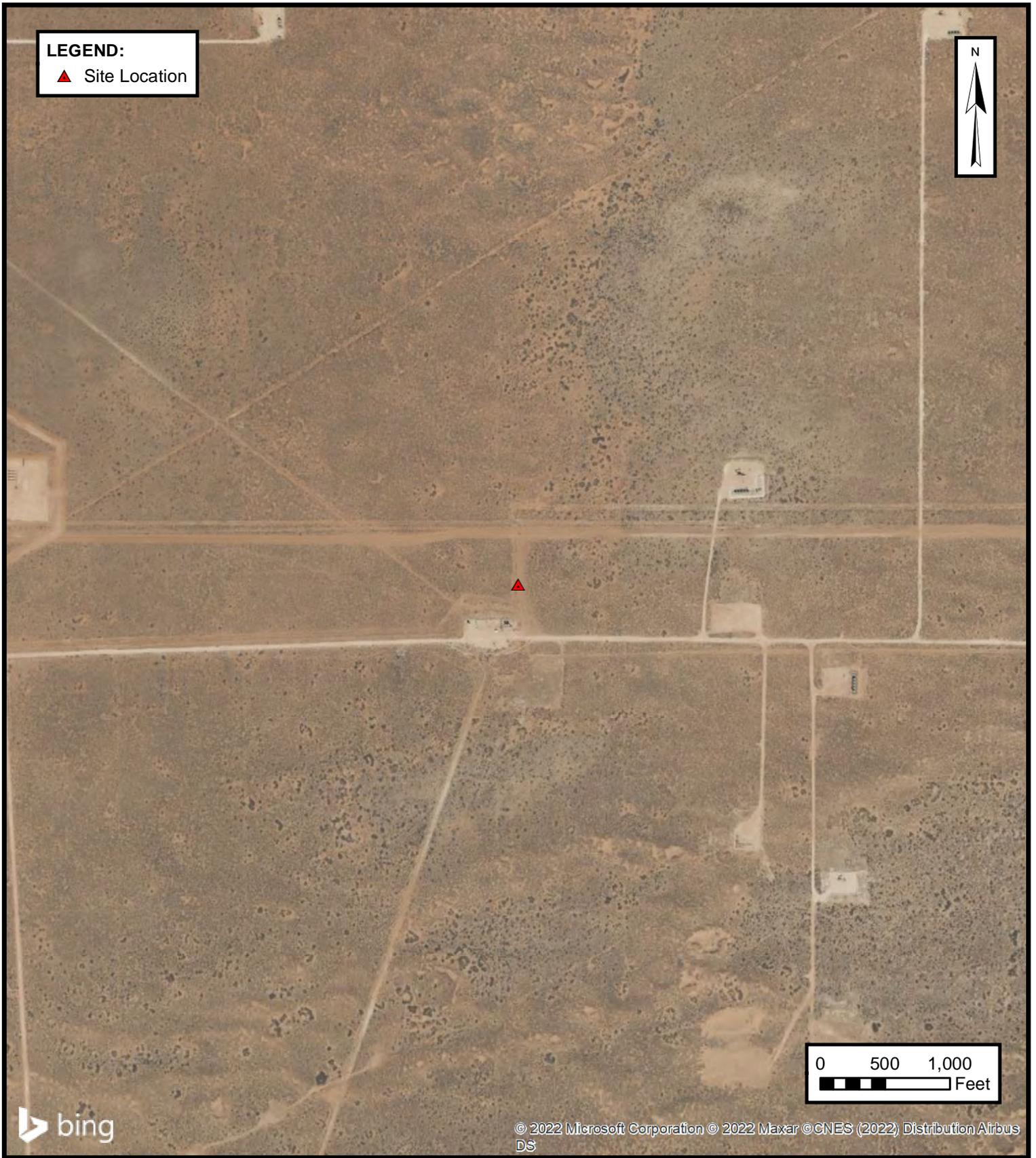
TOPOGRAPHIC MAP

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

PROJECT NUMBER: 03B1417048

FIGURE

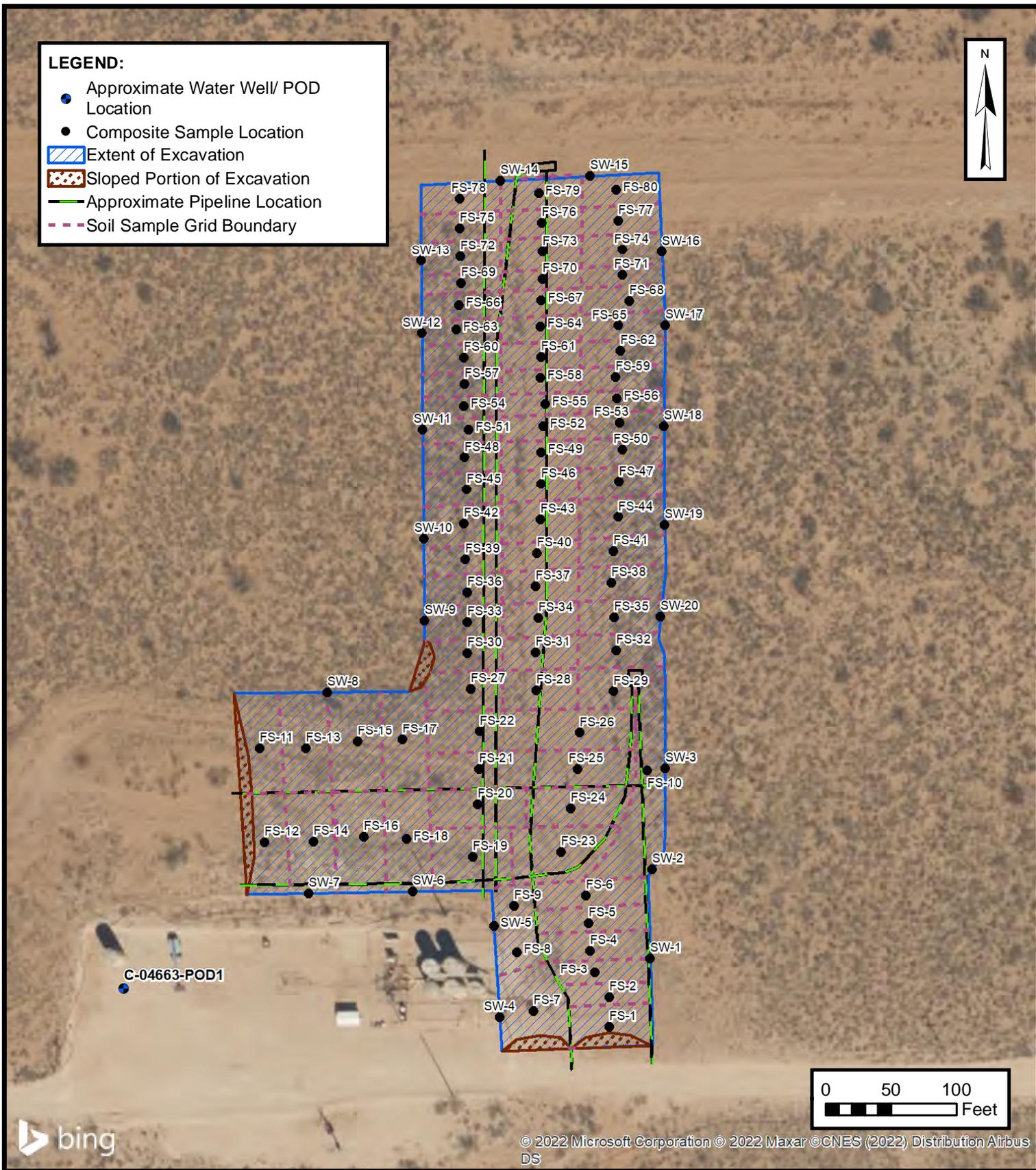
1



ENSOLUM
Environmental, Engineering and
Hydrogeologic Consultants

SITE VICINITY MAP
OXY USA INC.
PROXIMITY 31 FED SWD BAT
Lea County, New Mexico
32.355132° N, 103.711208° W
PROJECT NUMBER: 03B1417048

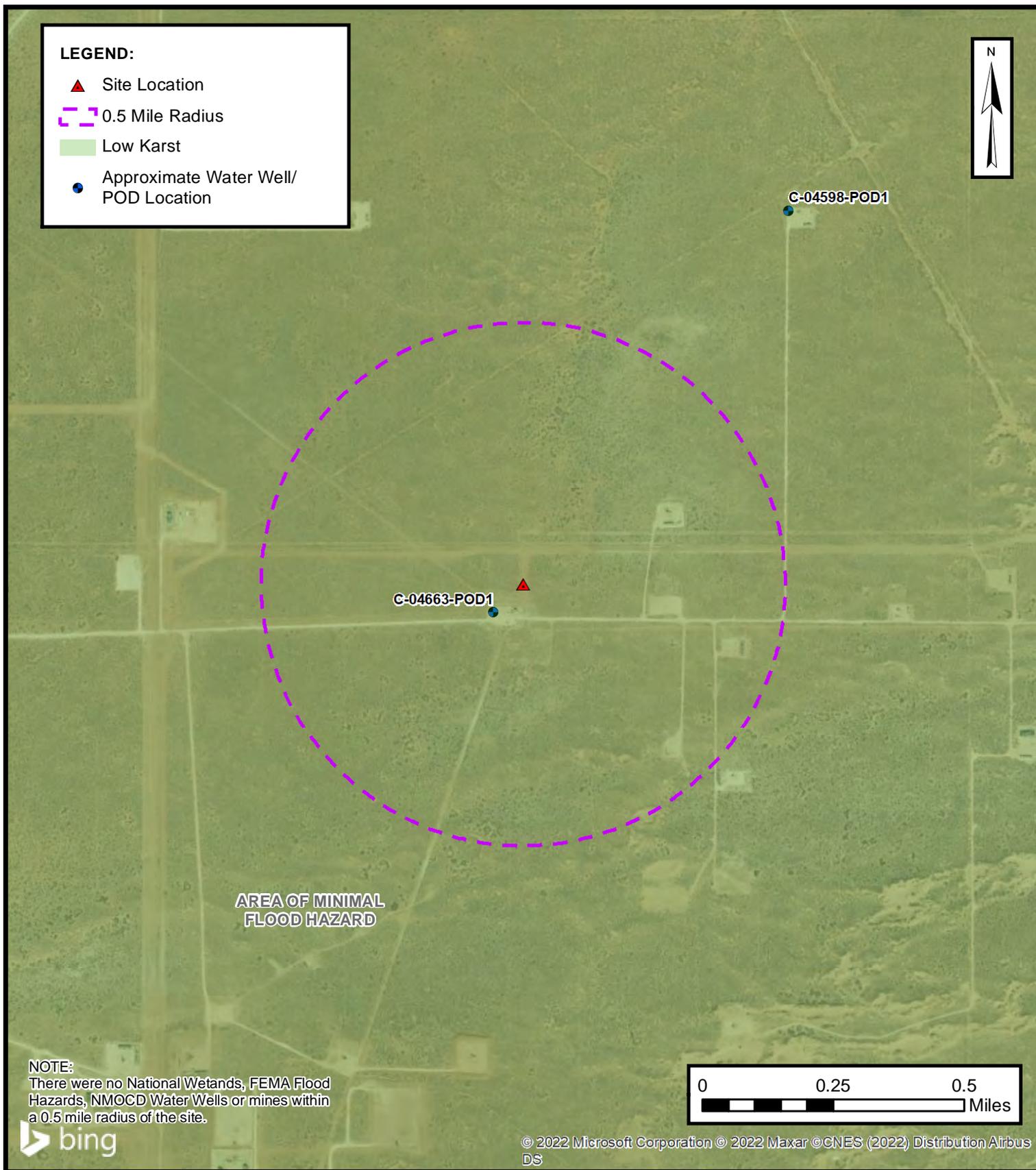
FIGURE
2



ENSOLUM
Environmental, Engineering and
Hydrogeologic Consultants

SITE MAP
 OXY USA INC.
 PROXIMITY 31 FED SWD BAT
 Lea County, New Mexico
 32.355132° N, 103.711208° W
 PROJECT NUMBER: 03B1417048

FIGURE
3



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



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



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From: Dittrich, John W <Wade_Dittrich@oxy.com>
Sent: Monday, May 23, 2022 2:41:43 PM
To: Morgan, Crisha A <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

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>
Sent: Wednesday, July 13, 2022 4:22 PM
To: Enviro, OCD, EMNRD <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 18th 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>
Sent: Friday, July 22, 2022 8:35 AM
To: Enviro, OCD, EMNRD <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 26th 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>
Sent: Tuesday, August 2, 2022 4:03 PM
To: Enviro, OCD, EMNRD <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 5th 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

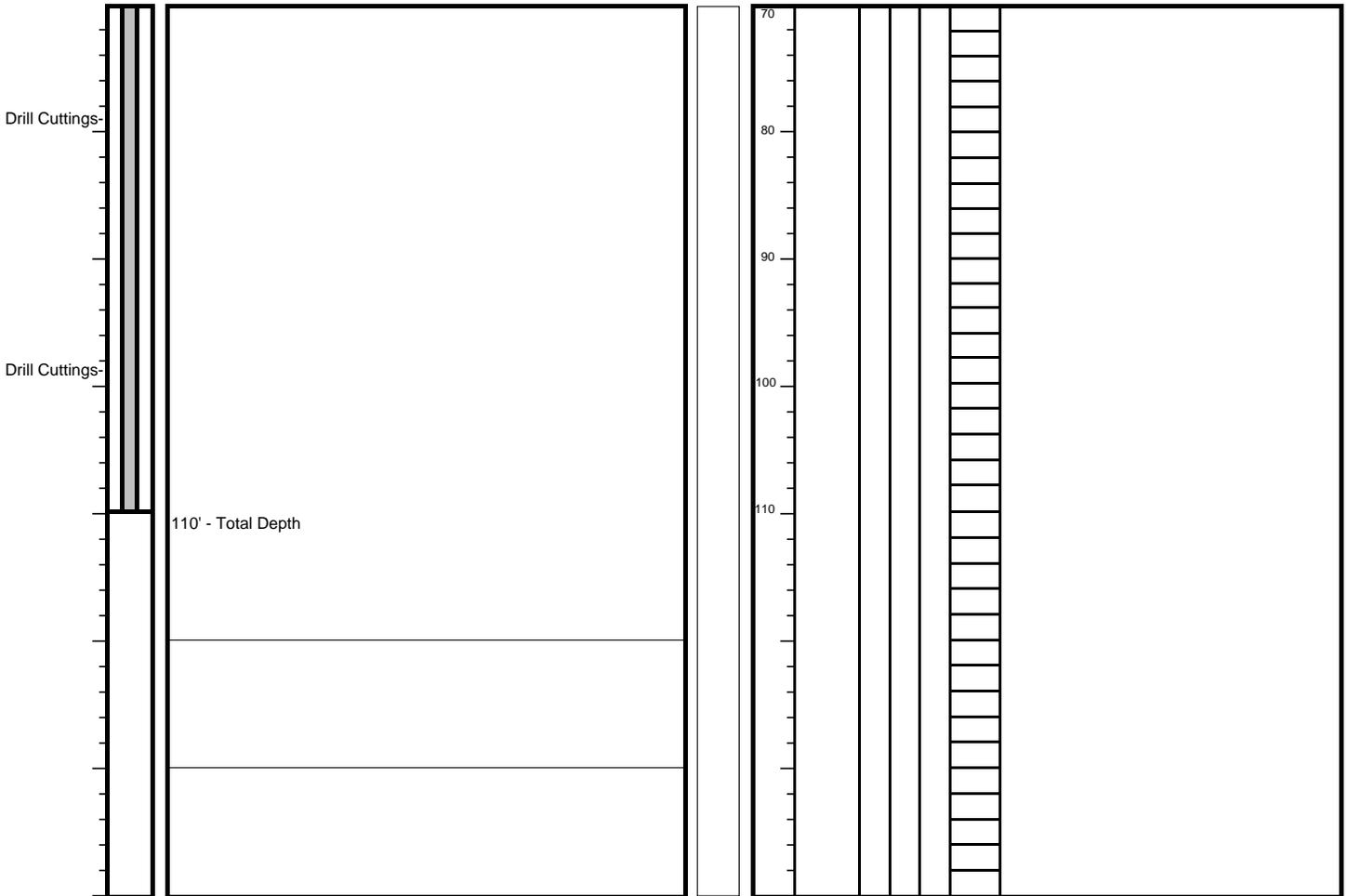
Date Started: 9/1/2022
 Date Completed: 9/1/2022
 Drilling Company: West Texas Water Well Services
 Driller: Russell Southerland

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

BORING METHOD	SAMPLER TYPE	GROUNDWATER DEPTH
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)



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) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		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 <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard <i>Zone D</i>
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
MAP PANELS		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		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

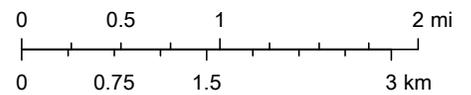


Active Mines in New Mexico



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
- Freshwater Emergent Wetland
- Lake
- Estuarine and Marine Wetland
- Freshwater Forested/Shrub Wetland
- Other
- Freshwater Pond
- 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
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2118765970
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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

<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 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:

		H2O	OIL
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:	33,515 sq. ft.	3,521 cu. ft.	cu. ft.

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	

Estimated Volumes Spilled

	H2O	OIL
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:	100.3	

Recovered Volumes

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

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/REMEDIATION 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

State of New Mexico
Oil Conservation Division

Page 3

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 not 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.

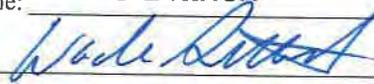
Form C-141

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 Coordinator
 Signature:  Date: 10-26-21
 email: 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 Approved

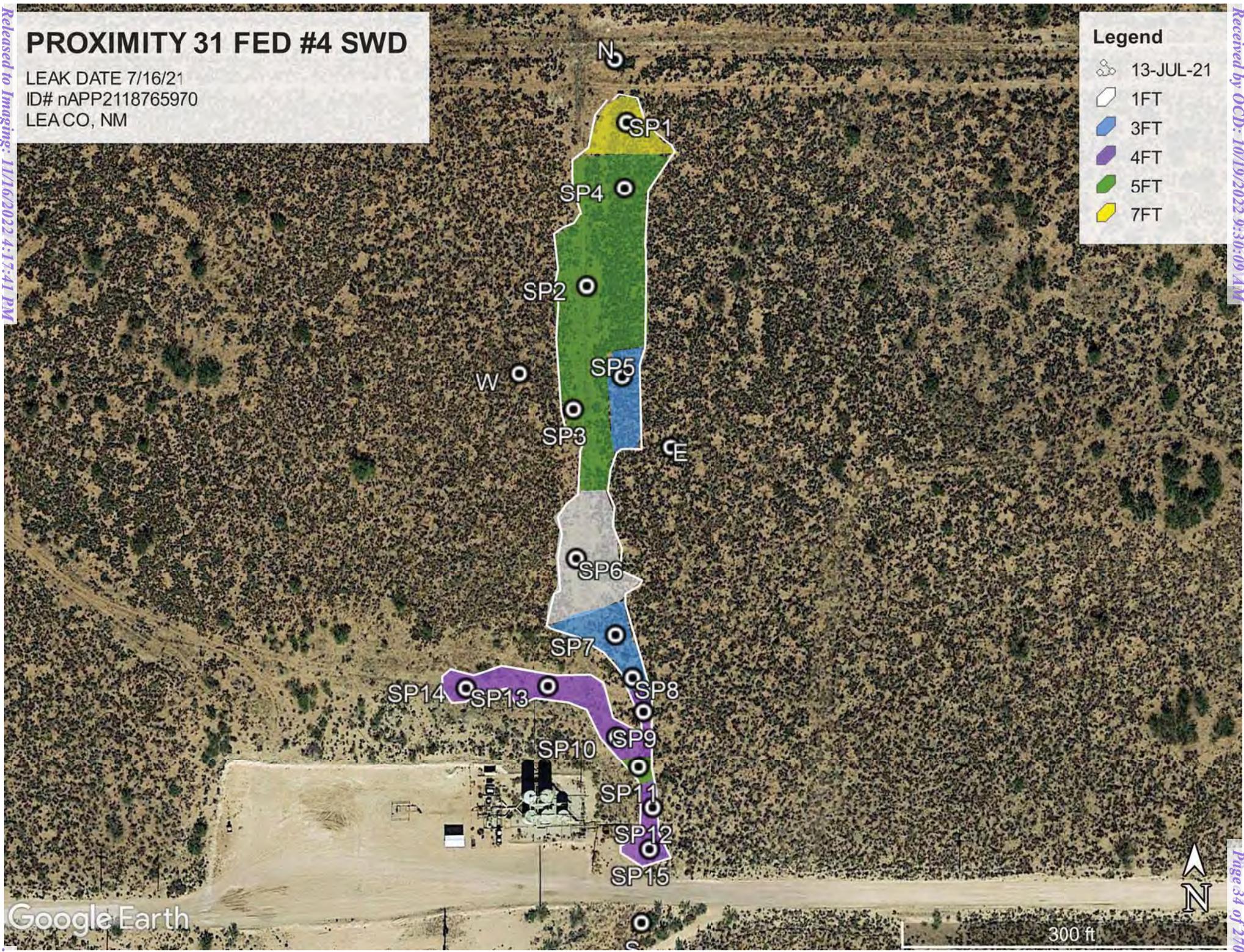
Signature:  Date: 02/22/2022

PROXIMITY 31 FED #4 SWD

LEAK DATE 7/16/21
ID# nAPP2118765970
LEACO, 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 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

Table of data
Tab-separated data
Graph of data
Reselect period

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 measurer
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

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

- [Questions about sites/data?](#)
- [Feedback on this web site](#)
- [Automated retrievals](#)
- [Help](#)
- [Data Tips](#)
- [Explanation of terms](#)
- [Subscribe for system changes](#)
- [News](#)

[Accessibility](#) [FOIA](#) [Privacy](#) [Policies and Notices](#)

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for New Mexico: Water Levels

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

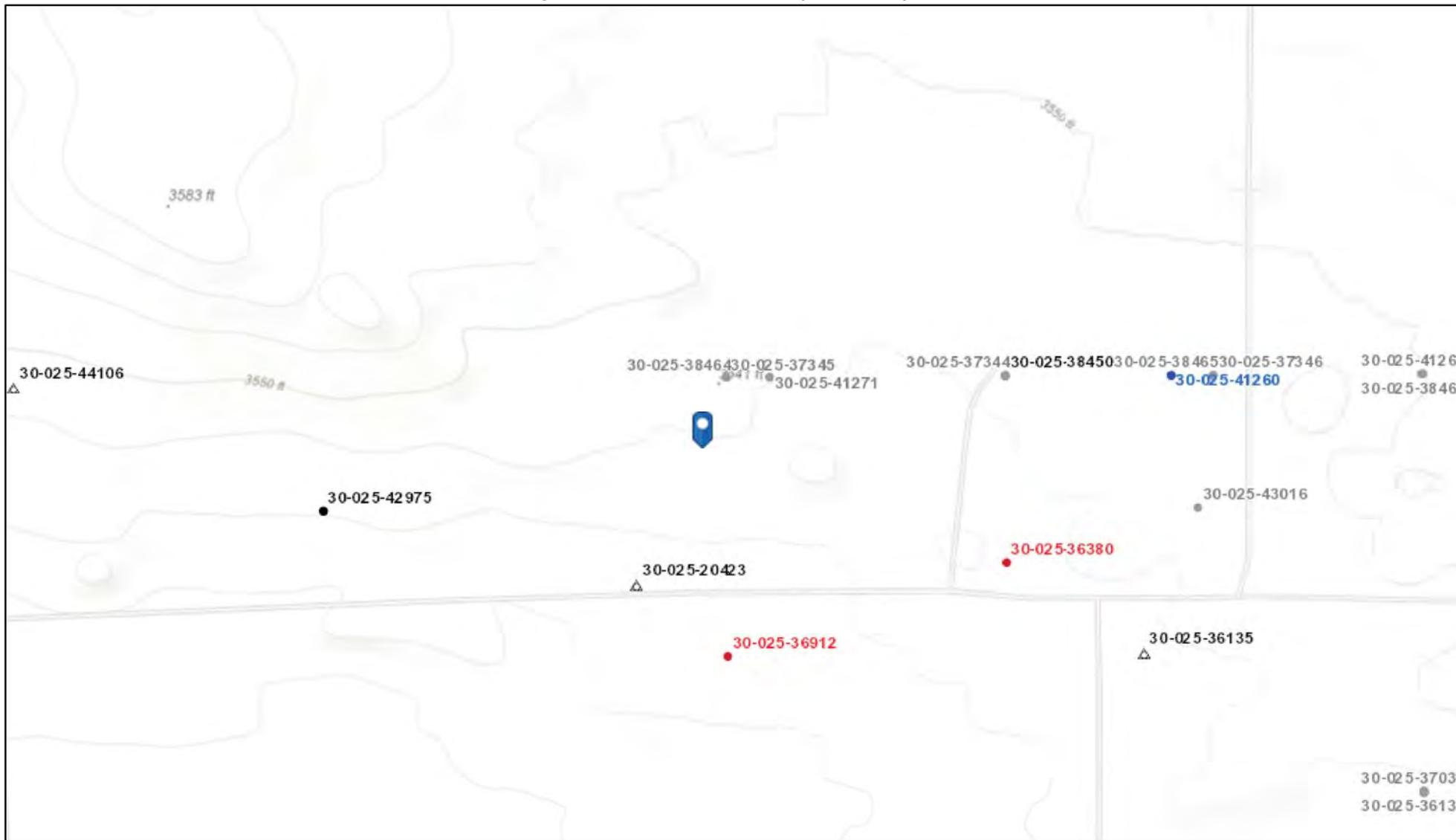


Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2021-11-02 16:26:34 EDT

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 |
| ? | ✳ CO2, New | ✳ Gas, Cancelled | 📍 Injection, Active | |
| ● | ✳ CO2, Plugged | ✳ Gas, New | 📍 Injection, Cancelled | |
| ✳ | ✳ CO2, Active | ✳ Gas, Plugged | 📍 Injection, New | |

1:9,028

0 0.05 0.1 0.2 mi

0 0.1 0.2 0.4 km

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

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

Lea County, NM

BLM CAVE KARST MAP

Legend

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



National Flood Hazard Layer FIRMette



3°42'59"W 32°21'34"N

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



0 250 500 1,000 1,500 2,000 Feet 1:6,000
 Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

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, Area of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
		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
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 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		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.

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.

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Laboratory Analytical Results Summary
 OXY PROXIMITY 31 FED 4
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		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	0.096	< 0.050	< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	< 0.050	0.056	< 0.050	0.886	0.074	< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	0.497	< 0.050	< 0.050	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	3.97	0.451	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	5.45	0.525	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		9200	5440	4000	4720	3200	2200	656	<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	12.8	84.5	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		2590	1750	5010	1230	3630	159	11.9	<10.0	<10.0
EXT DRO	TPH 8015M		979	413	1550	362	852	35.8	<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		4560	3520	3760	880	688	16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		709	<10.0	<10.0	<10.0	<10.0	N/A	N/A
EXT DRO	TPH 8015M		238	<10.0	<10.0	<10.0	<10.0	N/A	N/A

Laboratory Analytical Results Summary
 OXY PROXIMITY 31 FED 4
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Analyte	Method	Sample ID	SP3 @	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 4'	SP3 @ 5'	SP3 @ 6'
			SURFACE	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

Analyte	Method	Sample ID	SP4 @	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'	SP4 @ 4'	SP4 @ 5'	SP4 @ 6'
			SURFACE	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

Analyte	Method	Sample ID	SP5 @	SP5 @ 1'	SP5 @ 2'	SP5 @ 3'	SP5 @ 4'	SP5 @ 5'
			SURFACE	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	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

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Analyte	Method	Sample ID	SP6 @	SP6 @ 1'	SP6 @ 2'	SP6 @ 3'
			SURFACE			
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

Analyte	Method	Sample ID	SP7 @	SP7 @ 1'	SP7 @ 2'	SP7 @ 3'	SP7 @ 4'
			SURFACE				
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

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		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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Analyte	Method	Sample ID	SP11 @	SP11 @ 1'	SP11 @ 2'	SP11 @ 3'	SP11 @ 4'	SP11 @ 5'	SP11 @ 6'
			SURFACE						
		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

Analyte	Method	Sample ID	SP12 @	SP12 @ 1'	SP12 @ 2'	SP12 @ 3'	SP12 @ 4'	SP12 @ 5'	SP12 @ 6'
			SURFACE						
		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

Analyte	Method	Sample ID	SP13 @	SP13 @ 1'	SP13 @ 2'	SP13 @ 3'	SP13 @ 4'	SP13 @ 5'
			SURFACE					
		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

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 OXY PROXIMITY 31 FED 4
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Analyte	Method	Sample ID	SP14 @	SP14 @ 1'	SP14 @ 2'	SP14 @ 3'	SP14 @ 4'	SP14 @ 5'
			SURFACE	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

Analyte	Method	Sample ID	SP15 @	SP15 @ 1'	SP15 @ 2'	SP15 @ 3'	SP15 @ 4'	SP15 @ 5'
			SURFACE	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

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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.

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,

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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 N @ SURFACE (H211968-01)

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) 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	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 E @ SURFACE (H211968-02)

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, 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	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 W @ SURFACE (H211968-03)

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) 99.9 % 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 86.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.4 % 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:

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Cliff Brunson
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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 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	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 @ SURFACE (H211968-05)

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	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	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 @ 1' (H211968-06)

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	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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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 @ 2' (H211968-07)

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	1.80	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 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						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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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 @ 3' (H211968-08)

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) 107 % 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	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)

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

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	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*	84.5	10.0	07/28/2021	ND	205	102	200	2.48	
DRO >C10-C28*	3630	10.0	07/28/2021	ND	213	106	200	0.474	
EXT DRO >C28-C36	852	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 113 % 44.3-133

Surrogate: 1-Chlorooctadecane 175 % 38.9-142

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

Analytical Results For:

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

Received:	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 @ 5' (H211968-10)

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*	0.074	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 BTEX	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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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
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 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 @ 6' (H211968-11)

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) 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	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:

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 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 @ 7' (H211968-12)

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) 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	<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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Analytical Results For:

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 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 @ 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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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 @ SURFACE (H211968-14)

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) 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:

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 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 @ 1' (H211968-15)

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) 99.7 % 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	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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Analytical Results For:

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 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 @ 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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Analytical Results For:

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 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 @ 3' (H211968-17)

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) 104 % 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	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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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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 @ 4' (H211968-18)

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	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	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 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, SM4500Cl-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	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 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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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 3 @ 2' (H211968-23)

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) 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	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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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 3 @ 3' (H211968-24)

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) 99.7 % 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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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 3 @ 4' (H211968-25)

Chloride, SM4500CI-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, 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	07/29/2021	ND	432	108	400	0.00	

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

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	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	Sampling Date:	07/19/2021
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 4 @ SURFACE (H211968-28)

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, SM4500Cl-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	Sampling Date:	07/19/2021
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 4 @ 1' (H211968-29)

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) 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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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/26/2021	Sampling Date:	07/19/2021
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 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	Sampling Date:	07/19/2021
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 4 @ 3' (H211968-31)

Chloride, SM4500Cl-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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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	07/26/2021	Sampling Date:	07/19/2021
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 5 @ SURFACE (H211968-35)

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) 98.0 % 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	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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Analytical Results For:

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Received:	07/26/2021	Sampling Date:	07/19/2021
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 5 @ 1' (H211968-36)

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) 98.6 % 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	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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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:	07/19/2021
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 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, SM4500CI-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, 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	

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

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	

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	07/26/2021	Sampling Date:	07/19/2021
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 6 @ SURFACE (H211968-41)

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) 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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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:	07/19/2021
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 6 @ 1' (H211968-42)

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) 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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Analytical Results For:

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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	07/26/2021	Sampling Date:	07/19/2021
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 6 @ 2' (H211968-43)

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) 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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 Fax To: (575) 397-0397

Received:	07/26/2021	Sampling Date:	07/19/2021
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 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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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	07/26/2021	Sampling Date:	07/19/2021
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 7 @ SURFACE (H211968-45)

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, 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	Sampling Date:	07/19/2021
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 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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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:	07/19/2021
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 7 @ 2' (H211968-47)

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	

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

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	

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

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	

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Analytical Results For:

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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 8 @ SURFACE (H211968-50)

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	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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Analytical Results For:

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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 8 @ 1' (H211968-51)

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) 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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Analytical Results For:

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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 8 @ 2' (H211968-52)

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	

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

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	07/29/2021	ND	400	100	400	3.92	

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

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	

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Analytical Results For:

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 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 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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Analytical Results For:

BBC International, Inc.
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 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 9 @ 1' (H211968-56)

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 85.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.9 % 38.9-142

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Analytical Results For:

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 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 9 @ 2' (H211968-57)

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) 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	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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 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 9 @ 3' (H211968-58)

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	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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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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 9 @ 4' (H211968-59)

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	

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

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	

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

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	

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Analytical Results For:

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 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 @ 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, SM4500Cl-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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Analytical Results For:

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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 @ 1' (H211968-63)

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, 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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Analytical Results For:

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 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 @ 2' (H211968-64)

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, 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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Analytical Results For:

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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 @ 3' (H211968-65)

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) 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	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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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
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 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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Analytical Results For:

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 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 @ 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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 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 @ 1' (H211968-69)

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) 99.6 % 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	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:

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 Cliff Brunson
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 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 @ 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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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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 @ 3' (H211968-71)

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	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	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 @ 4' (H211968-72)

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) 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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Analytical Results For:

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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 12 @ SURFACE (H211968-75)

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	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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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
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 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 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, SM4500CI-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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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 12 @ 2' (H211968-77)

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*	<0.050	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 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	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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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 12 @ 3' (H211968-78)

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*	<0.050	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 BTEX	<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	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 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:

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 Cliff Brunson
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 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 @ SURFACE (H211968-82)

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*	<0.050	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 BTEX	<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	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 @ 1' (H211968-83)

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*	<0.050	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 BTEX	<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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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 @ 2' (H211968-84)

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*	<0.050	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 BTEX	<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	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 @ 3' (H211968-85)

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*	<0.050	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 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	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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Analytical Results For:

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 Cliff Brunson
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 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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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 @ SURFACE (H211968-88)

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*	<0.050	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 BTEX	<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	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 @ 1' (H211968-89)

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*	<0.050	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 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	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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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 @ 2' (H211968-90)

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*	<0.050	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 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	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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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 @ 3' (H211968-91)

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*	<0.050	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 BTEX	<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:

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 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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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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 @ 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	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 @ 1' (H211968-95)

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*	<0.050	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 BTEX	<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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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 @ 2' (H211968-96)

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*	<0.050	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 BTEX	<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	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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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 @ 3' (H211968-97)

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	1.84	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 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	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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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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Handwritten signature of Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs
 State: NM Zip: 88241
 Phone #: 575-397-6388 Fax #: 575-397-0397
 Project #: Project Owner: Oxy
 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 #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	BTEX	TPH Ext.
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER					
H211968	SP N @ SURFACE	G	1						7-16-21	8:45 AM	✓	✓	✓	
	SPE @ SURFACE								7-16-21	9:05 AM	✓	✓	✓	
	SP W @ SURFACE								7-16-21	9:22 AM	✓	✓	✓	
	SP S @ SURFACE								7-16-21	9:43 AM	✓	✓	✓	
	SP 1 @ SURFACE								7-16-21	10:05 AM	✓	✓	✓	
	SP 1 @ 1'								7-16-21	10:23 AM	✓	✓	✓	
	SP 1 @ 2'								7-16-21	10:34 AM	✓	✓	✓	
	SP 1 @ 3'								7-16-21	10:49 AM	✓	✓	✓	
	SP 1 @ 4'								7-16-21	11:10 AM	✓	✓	✓	
	SP 1 @ 5'								7-16-21	11:19 AM	✓	✓	✓	

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Retrieved By: *Simon Rendon* Date: 7/16/21
 Received By: *Janora Clarke* Date: 7/16/21
 Time: 8:00 AM
 Time: 4:15 PM
 Delivered By: (Circle One) UPS Bus Other: 3.3c #113
 Sample Condition: Cool Intact
 CHECKED BY: (Initials) *TR*

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs State: NM Zip: 88241
 Phone #: 575-397-6388 Fax #: 575-397-0397
 Project #: Project Owner: Oxy
 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 #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	BTEX	TPH EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H211968	SP 1 @ 6'	✓	1			✓				7-16-21	11:32 AM	✓	✓	✓
	SP 1 @ 7'									7-16-21	11:44 AM	✓	✓	✓
	SP 1 @ 8'									7-16-21	11:58 AM	✓	✓	✓
	SP 2 @ SURFACE									7-16-21	12:47 PM	✓	✓	✓
	SP 2 @ 1'									7-16-21	1:03 PM	✓	✓	✓
	SP 2 @ 2'									7-16-21	1:18 PM	✓	✓	✓
	SP 2 @ 3'									7-16-21	1:31 PM	✓	✓	✓
	SP 2 @ 4'									7-16-21	1:44 PM	✓	✓	✓
	SP 2 @ 5'									7-16-21	1:56 PM	✓	✓	✓
	SP 2 @ 6'									7-16-21	2:10 PM	✓	✓	✓

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Relinquished By: *Simon Rendon* Date: 7-21-21 Received By: *James O'Leary* Date: 7-21-21
 Relinquished By: *Simon Rendon* Date: 7-21-21 Received By: *James O'Leary* Date: 7-21-21
 Delivered By: (Circle One) UPS Bus Other: 3.3c #113
 Sample Condition: Cool Intact
 CHECKED BY: *James O'Leary* (Initials) *JO*

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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		State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
P.O. #: _____ Company: Oxy Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____		BILL TO	
Lab I.D. HO11968 Sample I.D. _____ 21 SP 3 @ SURFACE 22 SP 3 @ 1' 23 SP 3 @ 2' 24 SP 3 @ 3' 25 SP 3 @ 4' 26 SP 3 @ 5' 27 SP 3 @ 6' 28 SP 4 @ SURFACE 29 SP 4 @ 1' 30 SP 4 @ 2'		(G)RAB OR (C)OMP. _____ # CONTAINERS _____ MATRIX: GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ OTHER: _____ ACID/BASE: _____ ICE / COOL _____ OTHER: _____ DATE _____ TIME _____ 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	
Relinquished By: _____ Date: 7-16-21 Time: 8:00 AM Received By: _____ Date: 7-16-21 Time: 4:05 PM		ANALYSIS REQUEST Chloride ✓ BTEX ✓ TPH Ext. ✓	
Relinquished By: _____ Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: _____ REMARKS: _____	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 3.3c #113		Sample Condition: Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> CHECKED BY: _____ (Initials) yo.	

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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 #: _____	
Relinquished By: <i>Simon Rendon</i> Date: <i>7/16/21</i> Time: <i>4:00 PM</i>		Received By: <i>Simon Rendon</i> Date: <i>7/16/21</i> Time: <i>4:55 PM</i>	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>3.3c #113</i>		Sample Condition Cool Intact Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Checked By: <i>AS</i>	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		DATE	TIME	Chloride	BTEX	TPH EXT.
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL					
<i>41</i>	SP 6 @ SURFACE	<i>5</i>	<i>1</i>									7-19-21	1:20 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<i>42</i>	SP 6 @ 1'											7-19-21	1:31 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<i>43</i>	SP 6 @ 2'											7-19-21	1:44 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<i>44</i>	SP 6 @ 3'											7-19-21	2:20 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<i>45</i>	SP 7 @ SURFACE											7-19-21	2:35 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<i>46</i>	SP 7 @ 1'											7-19-21	2:51 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<i>47</i>	SP 7 @ 2'											7-19-21	3:05 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<i>48</i>	SP 7 @ 3'											7-19-21	3:14 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<i>49</i>	SP 7 @ 4'											7-19-21	3:24 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<i>50</i>	SP 8 @ SURFACE											7-20-21	8:45 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



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		P.O. #: _____ Company: <u>Oxy</u> Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy		BILL TO	
FOR LAB USE ONLY Lab I.D. <u>H21968</u>		ANALYSIS REQUEST	
Sample I.D. SP 8 @ 1' SP 8 @ 2' SP 8 @ 3' SP 8 @ 4' SP 9 @ SURFACE SP 9 @ 1' SP 9 @ 2' SP 9 @ 3' SP 9 @ 4' SP 9 @ 5'	(G)RAB OR (C)OMP. # CONTAINERS MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	PRESERV. DATE TIME	SAMPLING Chloride BTEX TPH EXT.
Relinquished By: <u>Simon Berger</u> Date: <u>7/20/21</u> Received By: <u>Simon Rendon</u> Time: <u>8:00 AM</u>	Delivered By: (Circle One) UPS <input checked="" type="checkbox"/> Bus <input type="checkbox"/> Other <input type="checkbox"/>	Sample Condition Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/> CHECKED BY: <u>YO</u> (Initials)	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Add'l Fax #: _____

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc. P.O. #:
 Project Manager: Cliff Brunson Company: Oxy
 Address: P.O. Box 805 Attn:
 City: Hobbs State: NM zip: 88241
 Phone #: 575-397-6388 Fax #: 575-397-0397
 Project #: Project Owner: Oxy
 Project Name: PROXIMITY 31 FED 4 SWD (7/6/21)
 Project Location: NEW MEXICO State: Zip:
 Sampler Name: SIMON RENDON Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	BTEX	TPH-Ext.
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
<u>H21948</u>	SP 9 @ 6'	<input checked="" type="checkbox"/>							7-20-21	11:21 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	SP 10 @ SURFACE	<input checked="" type="checkbox"/>							7-20-21	11:37 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	SP 10 @ 1'	<input checked="" type="checkbox"/>							7-20-21	11:57 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	SP 10 @ 2'	<input checked="" type="checkbox"/>							7-20-21	12:52 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	SP 10 @ 3'	<input checked="" type="checkbox"/>							7-20-21	1:08 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	SP 10 @ 4'	<input checked="" type="checkbox"/>							7-20-21	1:21 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	SP 10 @ 5'	<input checked="" type="checkbox"/>							7-20-21	1:34 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	SP 11 @ SURFACE	<input checked="" type="checkbox"/>							7-20-21	1:52 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	SP 11 @ 1'	<input checked="" type="checkbox"/>							7-20-21	2:12 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	SP 11 @ 2'	<input checked="" type="checkbox"/>							7-20-21	2:25 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

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Relinquished By: Simon Rendón Date: 7/20/21 Received By: Simon Rendón Time: 8:00 AM
 Relinquished By: Simon Rendón Date: 7/20/21 Received By: Simon Rendón Time: 4:45 PM
 Delivered By: (Circle One) UPS Sample Condition: Intact Cool Yes No
 Sampler - UPS - Bus - Other: 3.3 e #113 CHECKED BY: SR (Initials)

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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		State: NM Zip: 88241 Attn: Oxy Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____		BILL TO P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____		ANALYSIS REQUEST												
FOR LAB USE ONLY Lab I.D. Sample I.D. H21968		(G)RAB OR (C)OMP. # CONTAINERS MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		PRESERV SAMPLING		DATE TIME		Chloride BTEX TPH-EXT.										
71	SP 11 @ 3'	5				7-20-21	2:41 PM	✓										
72	SP 11 @ 4'					7-20-21	2:53 PM	✓										
73	SP 11 @ 5'					7-20-21	3:10 PM	✓										
74	SP 11 @ 6'					7-20-21	3:18 PM	✓										
75	SP 12 @ SURFACE					7-21-21	8:50 AM	✓										
76	SP 12 @ 1'					7-21-21	9:04 AM	✓										
77	SP 12 @ 2'					7-21-21	9:16 AM	✓										
78	SP 12 @ 3'					7-21-21	9:25 AM	✓										
79	SP 12 @ 4'					7-21-21	9:39 AM	✓										
80	SP 12 @ 5'					7-21-21	9:52 AM	✓										

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Relinquished By: *[Signature]* Date: 7/20/21 Received By: *[Signature]* Date: 7/20/21
 Relinquished By: *[Signature]* Date: 7/20/21 Received By: *[Signature]* Date: 7/20/21
 Delivered By: (Circle One) UPS Bus Other: *3.3c #113*
 Sample Condition: Cool Intact
 Checked By: *[Signature]* (Initials) *YB*

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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: <u>Oxy</u> Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Relinquished By: <u>Simon Rendon</u> Date: <u>7/21/21</u> Received By: <u>Simon Rendon</u> Time: <u>6:00am</u>		Relinquished By: _____ Date: _____ Received By: _____ Time: _____	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <u>8:30 #113</u>		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked By: <u>TS</u>	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV		DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL			
<u>H21968</u>	SP 12 @ 6'	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>						7-21-21	10:06 AM	Chloride
	SP 13 @ SURFACE	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>						7-21-21	10:26 AM	BTEX
	SP 13 @ 1'	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>						7-21-21	10:41 AM	TPH. EX.
	SP 13 @ 2'	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>						7-21-21	10:53 AM	
	SP 13 @ 3'	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>						7-21-21	11:08 AM	
	SP 13 @ 4'	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>						7-21-21	11:17 AM	
	SP 13 @ 5'	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>						7-21-21	11:31 AM	
	SP 14 @ SURFACE	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>						7-21-21	11:42 AM	
	SP 14 @ 1'	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>						7-21-21	11:59 AM	
	SP 14 @ 2'	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>						7-21-21	12:46 PM	

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Phone Result: Yes No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____
 REMARKS: _____

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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 #: _____		
Bill To: _____ Analysis Request: _____				
FOR LAB USE ONLY				
Lab I.D.	Sample I.D.	(G) GRAB OR (C) COMP # CONTAINERS MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE : ICE / COOL OTHER : PRESERV : SAMPLING	DATE TIME	
H2119168	91	SP 14 @ 3'	7-21-21 1:04 PM	Chloride BTEX TPH-EXT.
	92	SP 14 @ 4'	7-21-21 1:15 PM	
	93	SP 14 @ 5'	7-21-21 1:28 PM	
	94	SP 15 @ SURFACE	7-21-21 1:42 PM	
	95	SP 15 @ 1'	7-21-21 1:53 PM	
	96	SP 15 @ 2'	7-21-21 2:10 PM	
	97	SP 15 @ 3'	7-21-21 2:19 PM	
	98	SP 15 @ 4'	7-21-21 2:31 PM	
	99	SP 15 @ 5'	7-21-21 2:40 PM	

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Relinquished By: <i>Simon Rendon</i> Date: 7/21/21 Received By: <i>Simon Rendon</i> Time: 1:04 PM	Relinquished By: <i>Simon Rendon</i> Date: 7/21/21 Received By: <i>Simon Rendon</i> Time: 1:04 PM	Delivered By: (Circle One) UPS - Bus - Other: 3.3i #113 Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: <i>Simon Rendon</i> (Initials)
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Add'l Fax #: _____		REMARKS:	

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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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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			32.0
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			48.0
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
Sidewalk Sample Analytical Results												
SW-1	7/18/2022	0 - 5	<0.050	<0.050	<0.050	<0.150	<0.300			<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	32.0
SW-3	7/18/2022	0 - 4	<0.050	<0.050	<0.050	<0.150	<0.300			<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	48.0
SW-5	7/18/2022	0 - 5	<0.050	<0.050	<0.050	<0.150	<0.300			<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	32.0
SW-7	7/18/2022	0 - 5	<0.050	<0.050	<0.050	<0.150	<0.300			<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	32.0
SW-9	7/18/2022	0 - 5	<0.050	<0.050	<0.050	<0.150	<0.300			<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	48.0
SW-11	7/26/2022	0 - 5	<0.050	<0.050	<0.050	<0.150	<0.300			<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	<16.0
SW-13	7/26/2022	0 - 5	<0.050	<0.050	<0.050	<0.150	<0.300			<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	<16.0
SW-15	7/26/2022	0 - 7	<0.050	<0.050	<0.050	<0.150	<0.300			<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	<16.0
SW-17	7/26/2022	0 - 4	<0.050	<0.050	<0.050	<0.150	<0.300			<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	144
SW-19	7/26/2022	0 - 3	<0.050	<0.050	<0.050	<0.150	<0.300			<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	<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

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" and "K".

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

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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	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 - 2 5' (H223145-02)

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	07/21/2022	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, SM4500CI-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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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 - 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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*=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	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 - 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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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 - 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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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 - 6 5' (H223145-06)

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	07/22/2022	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) 99.6 % 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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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 - 7 5' (H223145-07)

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	07/22/2022	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	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	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 - 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, 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 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	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 - 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, SM4500Cl-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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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 - 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



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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 - 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	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 - 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



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 - 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, SM4500CI-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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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 - 14 5' (H223145-14)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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	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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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 - 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	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 - 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	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 - 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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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 - 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, SM4500CI-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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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 - 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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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 - 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, 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	07/21/2022	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



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 - 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	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 - 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, 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	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



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 - 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, 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	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	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 - 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	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 - 26 3' (H223145-26)

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, 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	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 - 27 2' (H223145-27)

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, 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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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 - 28 2' (H223145-28)

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, 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	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 - 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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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 - 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, 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	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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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 - 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, 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 75.8 % 43-149

Surrogate: 1-Chlorooctadecane 77.2 % 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 - 32 2' (H223145-32)

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, 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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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 - 33 5' (H223145-33)

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 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	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 - 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



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 - 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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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 - 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	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 - 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, 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	07/22/2022	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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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 - 38 5' (H223145-38)

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, 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



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 - 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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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 - 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, 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 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	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 - 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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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	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 - 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, 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*	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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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 - 44 7' (H223145-44)

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	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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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 - 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	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 - 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, 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	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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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 - 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, SM4500CI-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	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 - 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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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 - 50 7' (H223145-50)

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 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	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 - 51 7' (H223145-51)

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	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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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 - 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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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 - 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, 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 108 % 43-149

Surrogate: 1-Chlorooctadecane 113 % 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 - 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, SM4500CI-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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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 - 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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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 - 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	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 - 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	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 - 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	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 - 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, SM4500CI-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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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 - 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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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 - 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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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 - 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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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 - 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	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 - 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	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 - 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	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 - 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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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 - 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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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 - 70 7' (H223145-70)

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	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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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 - 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	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 - 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, 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*	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



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 - 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	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 - 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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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 - 75 7' (H223145-75)

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) 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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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, SM4500CI-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	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 - 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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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 - 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



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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 - 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, 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 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	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 - 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, SM4500CI-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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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: 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	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: 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, 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 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	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: SW - 3 0-4' (H223145-83)

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	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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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: 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, 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 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	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: SW - 5 0-5' (H223145-85)

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	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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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: 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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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: 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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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: 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, 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 84.4 % 43-149

Surrogate: 1-Chlorooctadecane 76.1 % 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: SW - 9 0-5' (H223145-89)

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	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



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: 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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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

1 of 9

BILL TO

ANALYSIS REQUEST

Company Name: **Ensolium, LLC**
 Project Manager: **Beaux Jennings**
 Address: **601 N Marientfeld Street, Suite 400**
 City: **Midland** State: **TX** Zip: **79701**
 Phone #: **210-219-8858** Fax #: _____
 Project #: **03R1417048** Project Owner: _____
 Project Name: **Proximity 31 Fed. 500D/BAT**
 Project Location: **Lea County, NM**
 Sampler Name: **Kelly Looney**
 P.O. #: _____
 Company: **Oxy USA Inc.**
 Attn: **Wade Ditrch**
 Address: _____
 City: _____
 State: _____ Zip: _____
 Phone #: **575-390-2828**
 Fax #: _____

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH	BTEX	Chlorides	4500
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :						
H223145	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	

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Relinquished By: _____ Date: **01/19/22** Received By: _____
 Relinquished By: _____ Date: **11/50** Received By: _____
 Relinquished By: _____ Date: **7-20-22** Received By: _____
 Delivered By: (Circle One) Observed Temp. °C: **38** Sample Condition: _____
 Sampler - UPS - Bus - Other: Corrected Temp. °C: **39.2** Cool Intact: Yes No
 Turnaround Time: _____ Standard Rush
 Thermometer ID #113 Bacteria (only) Sample Condition: _____
 Correction Factor: 0.5°C. T.C. **7/25/22** Cool Intact: Yes No
 Corrected Temp. °C: _____

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

REMARKS: **Bjennings@ensolium.com**



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 9

BILL TO

ANALYSIS REQUEST

Company Name: Ensolum, LLC
 Project Manager: Beaux Jennings
 Address: 601 N Marlenfeld Street, Suite 400
 City: Midland State: TX Zip: 79701
 Phone #: 210-219-8658 Fax #:
 Project #: 03BIL19048 Project Owner:
 Project Name: Reservoir 31 Fed, SUD/Box
 Project Location: Lee County, NM
 Sampler Name: Coley Keene
 P.O. #:
 Company: Oxy USA Inc.
 Attn: Wade Ditrch
 Address:
 City:
 State:
 Zip:
 Phone #: 575-390-2828
 Fax #:

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH	BTEX	Chlorides
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H223145	FS-11	5'	C	1											
	FS-12	5'	C	1											
	FS-13	5'	C	1											
	FS-14	5'	C	1											
	FS-15	5'	C	1											
	FS-16	5'	C	1											
	FS-17	5'	C	1											
	FS-18	5'	C	1											
	FS-19	5'	C	1											
	FS-20	5'	C	1											

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Relinquished By: *[Signature]* Date: 6/19/22 Time: 1:50
 Received By: *[Signature]*
 Relinquished By: *[Signature]* Date: 7-20-22 Time: 8:35
 Received By: *[Signature]*

Delivered By: (Circle One) Observed Temp. °C: 27.8 Sample Condition: Cool Intact: Yes No
 Corrected Temp. °C: 27.2

Turnaround Time: Standard Bacteria (only) Sample Condition Observed Temp. °C:
 Thermometer ID #113 Cool Intact: Yes No
 Correction Factor: -0.5°C 7/20/22 Bacteria (only) Sample Condition Observed Temp. °C:
 Corrected Temp. °C:

REMARKS: *Beaux Jennings @ Ensolum, LLC*

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3 of 9

Company Name: Inevolum, LLC **BILL TO** **ANALYSIS REQUEST**

Project Manager: Bruce Semings **P.O. #:**

Address: 601 N Macriemfeld St, Suite 408 **Company:** Oxy USA Inc

City: Lordsburg **State:** Tx **Zip:** 79701 **Attn:** Wade Dittsch

Phone #: 216-219-8658 **Fax #:** **Address:**

Project #: 038417048 **Project Owner:** **City:** **State:** **Zip:**

Project Name: Proximity 31 Fed. 5001 B&T **Phone #:** 575-390-2828

Project Location: Lea County, NM **Fax #:**

Sampler Name: Kelly Levey

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	Depth (FTS)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	TPH	BTEX	Chlorides
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
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	5.5'	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

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Relinquished By: Kelly Levey **Received By:** [Signature]

Date: 2/19/22 **Time:** 1:50 **Received By:** [Signature]

Relinquished By: [Signature] **Date:** 2-20-22 **Time:** 0935 **Received By:** [Signature]

Delivered By: (Circle One) **Observed Temp. °C:** 28 **Corrected Temp. °C:** 28 **Sample Condition:** Cool Intact **Checked By:** [Signature]

Sampler - UPS - Bus - Other: **Thermometer ID #13:** 70 **Corrosion Factor:** 0.3°C **Standard Rush:** **Bacteria (only) Sample Condition:** Cool Intact **Observed Temp. °C:** **Corrected Temp. °C:**

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

BILL TO

Company Name: Enselum, LLC P.O. #:

Project Manager: Bease Sewings Address: 601 N Marlandella St, Suite 466 Company: OK USA Inc.

City: Midland State: Tx Zip: 79701 Attn: Wade Dethman

Phone #: 810-219-8858 Fax #: Address:

Project #: 03B1419048 Project Owner: City: State: Zip:

Project Name: Proximity 31 Fed. Sub/BAT Phone #: 575-390-8828

Project Location: Lea County, NM Fax #:

Sampler Name: B Kelly Lawson Matrix: PRESERV: SAMPLING:

FOR LAB USE ONLY

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 :					
333145	FS - 31	2'	C	1	X						2/18/22	1002	X	X	X
32	FS - 32	2'	C	1	X						2/18/22	1003	X	X	X
33	FS - 33	5'	C	1	X						2/18/22	1007	X	X	X
34	FS - 34	5'	C	1	X						2/18/22	1015	X	X	X
35	FS - 35	5'	C	1	X						2/18/22	1017	X	X	X
36	FS - 36	5'	C	1	X						2/18/22	1020	X	X	X
37	FS - 37	5'	C	1	X						2/18/22	1025	X	X	X
38	FS - 38	5'	C	1	X						2/18/22	1030	X	X	X
39	FS - 39	5'	C	1	X						2/18/22	1035	X	X	X
40	FS - 40	5'	C	1	X						2/18/22	1040	X	X	X

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Relinquished By: [Signature] Date: 2/18/22 Received By: [Signature] Date: 2/18/22

Time: 11:50 Time:

Relinquished By: [Signature] Date: 2/20/22 Received By: [Signature] Date: 2/20/22

Time: 09:35 Time:

Delivered By: (Circle One) Observed Temp. °C: 2.8 Sample Condition: Intact CHECKED BY: [Signature] Turnaround Time: Standard Bacteria (only) Sample Condition: Observed Temp. °C

Sampler - UPS - Bus - Other: Corrected Temp. °C: 2.2 No Yes No Yes No Yes No Yes No Corrected Temp. °C:

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Ensoilum, LLC		P.O. #:	
Project Manager: Beaux Jennings		Company: Oxy USA Inc.	
Address: 601 N Marientfeld Street, Suite 400		Attn: Wade Dittrich	
City: Midland	State: TX	Zip: 79701	Address:
Phone #: 210-219-8858	Fax #:	City:	State:
Project #: 0331419048	Project Owner:	Zip:	Phone #: 575-390-2828
Project Name: Proximity B Fed. Subj/BAT	Project Location: Lea County, NM	Fax #:	
Sampler Name: Kelly Leevey			

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH	BTEX	Chlorides
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
41	FS-41	5'	C	1	X						7.16.22	10 45	X	X	X
42	FS-42	7'	C	1	X						7.16.22	10 50	X	X	X
43	FS-43	7'	C	1	X						7.16.22	11 03	X	X	X
44	FS-44	7'	C	1	X						7.16.22	11 05	X	X	X
45	FS-45	7'	C	1	X						7.16.22	11 06	X	X	X
46	FS-46	7'	C	1	X						7.16.22	11 07	X	X	X
47	FS-47	7'	C	1	X						7.16.22	11 09	X	X	X
48	FS-48	7'	C	1	X						7.16.22	11 10	X	X	X
49	FS-49	7'	C	1	X						7.16.22	11 13	X	X	X
50	FS-50	7'	C	1	X						7.16.22	11 13	X	X	X

Relinquished By: <i>[Signature]</i>	Date: 7/19/22	Received By: <i>[Signature]</i>
Time: 1:50		
Relinquished By: <i>[Signature]</i>	Date: 7-20-22	Received By: <i>[Signature]</i>
Time: 09:35		

Delivered By: (Circle One)	Observed Temp. °C	Corrected Temp. °C	Sample Condition	Checked By: <i>[Signature]</i>	Turnaround Time:	Standard	Bacteria (only)	Sample Condition
Sampler - UPS - Bus - Other:	2.8	2.2	Cool Intact	<i>[Signature]</i>	7/20/22	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Observed Temp. °C
			Yes No				Yes No	Corrected Temp. °C

REMARKS: *B Jennings@ensolum.com*

Verbal Results: Yes No Add'l Phone #:

All Results are emailed. Please provide Email address:

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5 of 9



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

BILL TO

Company Name: Ensolum, LLC
 Project Manager: Beaux Jennings
 Address: 601 N Marland Street, Suite 400
 City: Midland State: TX Zip: 79701
 Phone #: 210-219-8858 Fax #: 210-219-8858
 Project #: OSR1113048 Project Owner: SDD/EPAT
 Project Name: Precisionly 81 Fed. SDD/EPAT
 Project Location: Lea County, NM
 Sampler Name: Kelly Loberg
 P.O. #: Company: Oxy USA Inc.
 Attn: Wade Dittrich
 Address: City: State: Zip: Phone #: 575-390-2828
 Fax #:

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH	BTEX	Chlorides	4500
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :						
H223145																
S1	FS-51	1'	C	1	X											
S2	FS-52	1'	C	1	X											
S3	FS-53	1'	C	1	X											
S4	FS-54	1'	C	1	X											
S5	FS-55	1'	C	1	X											
S6	FS-56	1'	C	1	X											
S7	FS-57	1'	C	1	X											
S8	FS-58	1'	C	1	X											
S9	FS-59	1'	C	1	X											
S10	FS-60	1'	C	1	X											

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Relinquished By: [Signature] Date: 8/14/22 Received By: [Signature] Date: 8/14/22
 Time: 11:50
 Releasement By: [Signature] Date: 7-20-22 Received By: [Signature] Date: 7-20-22
 Time: 09:35

Delivered By: (Circle One) Observed Temp. °C: 2.8 Sample Condition: Cool Intact
 Corrected Temp. °C: 8.3 [] Yes [] No [] Yes [] No
 Sampler - UPS - Bus - Other: [] Yes [] No [] Yes [] No
 Turntaround Time: Standard Rush [] Bacteria (only) Sample Condition: Cool Intact
 Thermometer ID #13 Correction Factor: 0.8°C 7.2/20/22 [] Yes [] No [] Yes [] No
 Corrected Temp. °C

REMARKS: [Handwritten notes]



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

7 of 9

Company Name: Ensolum, LLC **BILL TO** ANALYSIS REQUEST

Project Manager: Beaux Jennings P.O. #:

Address: 601 N Marland Street, Suite 400 Company: Oxy USA Inc.

City: Midland State: TX Zip: 79701 Attn: Wade Dittrich

Phone #: 210-219-8858 Fax #: Address:

Project #: 03B1417046 Project Owner: City: Zip:

Project Name: PROXIMITY 81 Fed. SUB/BAT State: Zip:

Project Location: Lea County, NM Phone #: 575-390-2828

Sampler Name: Kelly Lowery Fax #:

FOR LAB USE ONLY

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	X										
	FS-62	1'	C	1	X										
	FS-63	1'	C	1	X										
	FS-64	1'	C	1	X										
	FS-65	1'	C	1	X										
	FS-66	1'	C	1	X										
	FS-67	1'	C	1	X										
	FS-68	1'	C	1	X										
	FS-69	1'	C	1	X										
	FS-70	1'	C	1	X										

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Relinquished By: [Signature] Date: 01/19/22 Received By: [Signature] Date: 01/19/22
 Time: 1:50

Relinquished By: [Signature] Date: 01/19/22 Received By: [Signature] Date: 01/19/22
 Time: 09:35

Delivered By: (Circle One) Observed Temp. °C: 2.8 Sample Condition: Cool Intact ✓
 Corrected Temp. °C: 2.8 Corrected Temp. °C: 2.8

Turnaround Time: Standard Rush Bacteria (only) Sample Condition
 Thermometer ID #13 Correlation Factor: 0.8°C TO: 7/20/22

REMARKS: Beaux Jennings@ensolum.com



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

8 of 9

Company Name: Ensolum, LLC **BILL TO** ANALYSIS REQUEST

Project Manager: Beaux Jennings P.O. #: Company: Oxy USA Inc.

Address: 601 N Marland Street, Suite 400 Attn: Wade Dittrich

City: Midland State: TX Zip: 79701 Address:

Phone #: 210-219-8858 Fax #: Project Owner:

Project #: 0321419046 Project Location: Leas County, NM

Project Name: PROXY WITH 3L FLD, SUD/RSAT State: Zip: Phone #: 575-390-2828

Project Location: Leas County, NM City: State: Zip: Phone #: 575-390-2828

Sample Name: Kelly Lacey Fax #: PRESERVY SAMPLING

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	MATRIX						DATE	TIME	TPH	BTEX	Chlorides
				# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE					
H223145														
71	FS-71	7'	C	1			X				7.18.22	1250	X	X
72	FS-72	7'	C	1			X				7.18.22	1253	X	X
73	FS-73	7'	C	1			X				7.18.22	1257	X	X
74	FS-74	7'	C	1			X				7.18.22	1300	X	X
75	FS-75	7'	C	1			X				7.18.22	1303	X	X
76	FS-76	7'	C	1			X				7.18.22	1307	X	X
77	FS-77	7'	C	1			X				7.18.22	1310	X	X
78	FS-78	7'	C	1			X				7.18.22	1313	X	X
79	FS-79	7'	C	1			X				7.18.22	1317	X	X
80	EC-80	7'	C	1			X				7.18.22	1320	X	X

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Relinquished By: Kelly Lacey Date: 07/19/22 Received By: [Signature] Date: 07/19/22

Relinquished By: [Signature] Date: 07/20/22 Received By: [Signature] Date: 07/20/22

Delivered By: (Circle One) Observed Temp. °C: 2.8 Sample Condition: Cool Intact Checked By: [Signature]

Sampler - UPS - Bus - Other: Corrected Temp. °C: 2.2

Turnaround Time: Standard Rush Bacteria (only) Sample Condition Observed Temp. °C Corrected Temp. °C

Thermometer ID #13 Corrosion Factor -0.3°C 70-7/20/22

REMARKS: SEMINGUS@ensolum.com

† Cardinal cannot accept verbal changes. Please email changes to celey.keefe@cardinallabsnm.com



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

BILL TO

Company Name: **Evolution, LLC**

Project Manager: **Beaux Semwings**

Address: **601 N Marland St, Suite 400**

City: **Midland** State: **TX** Zip: **79701**

Phone #: **210-219-8858** Fax #:

Project #: **03B419046** Project Owner:

Project Name: **Proximately 31 Fed. SubPAT**

Project Location: **Lea County, NM**

Sampler Name: **Kelly Louvery**

FOR LAB USE ONLY

Lab I.D. **Sample I.D.**

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:					
H22345	SW-1	0-5'	C	1	X							7/18/22	1323	X	X	X
81	SW-2	0-5'	C	1	X							7/18/22	1329	X	X	X
82	SW-3	0-4'	C	1	X							7/18/22	1330	X	X	X
83	SW-4	0-5'	C	1	X							7/18/22	1333	X	X	X
84	SW-5	0-5'	C	1	X							7/18/22	1339	X	X	X
85	SW-6	0-5'	C	1	X							7/18/22	1346	X	X	X
86	SW-7	0-5'	C	1	X							7/18/22	1343	X	X	X
87	SW-8	0-5'	C	1	X							7/18/22	1347	X	X	X
88	SW-9	0-8'	C	1	X							7/18/22	1350	X	X	X
89	SW-10	0-7'	C	1	X							7/18/22	1353	X	X	X

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Relinquished By: **[Signature]** Date: **07/19/22** Time: **1:50** Received By: **[Signature]**

Relinquished By: **[Signature]** Date: **07/19/22** Time: **09:35** Received By: **[Signature]**

Delivered By: (Circle One) **UPS** Observed Temp. °C: **28.8** Corrected Temp. °C: **28.2** Sample Condition: **Intact** CHECKED BY: **[Signature]**

Sampler - UPS - Bus - Other: **UPS** Turnaround Time: **Standard** Bacteria (only) Sample Condition: **Intact**

Thermometer ID #13 **7/20/22** Corrected Temp. °C: **28.2**

REMARKS: **Beaux Semwings@evolution.com**

Verbal Result: Yes No Add'l Phone #: **[Blank]**

All Results are emailed. Please provide Email address: **[Blank]**

Cardinal cannot accept verbal changes. Please email changes to celey.keefe@cardinalabslabnm.com

4 of 9



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

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

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	Sampling Date:	07/26/2022
Reported:	07/29/2022	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED SWD / BAT	Sampling Condition:	Cool & Intact
Project Number:	03B1417048	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA CO NM		

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

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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	Sampling Date:	07/26/2022
Reported:	07/29/2022	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED SWD / BAT	Sampling Condition:	Cool & Intact
Project Number:	03B1417048	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA CO NM		

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

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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	Sampling Date:	07/26/2022
Reported:	07/29/2022	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED SWD / BAT	Sampling Condition:	Cool & Intact
Project Number:	03B1417048	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA CO NM		

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, 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 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



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Analytical Results For:

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

Received:	07/26/2022	Sampling Date:	07/26/2022
Reported:	07/29/2022	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED SWD / BAT	Sampling Condition:	Cool & Intact
Project Number:	03B1417048	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA CO NM		

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, 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 108 % 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:	07/26/2022	Sampling Date:	07/26/2022
Reported:	07/29/2022	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED SWD / BAT	Sampling Condition:	Cool & Intact
Project Number:	03B1417048	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA CO NM		

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/26/2022	Sampling Date:	07/26/2022
Reported:	07/29/2022	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED SWD / BAT	Sampling Condition:	Cool & Intact
Project Number:	03B1417048	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA CO NM		

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/26/2022	Sampling Date:	07/26/2022
Reported:	07/29/2022	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED SWD / BAT	Sampling Condition:	Cool & Intact
Project Number:	03B1417048	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA CO NM		

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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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	Sampling Date:	07/26/2022
Reported:	07/29/2022	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED SWD / BAT	Sampling Condition:	Cool & Intact
Project Number:	03B1417048	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA CO NM		

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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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	Sampling Date:	07/26/2022
Reported:	07/29/2022	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED SWD / BAT	Sampling Condition:	Cool & Intact
Project Number:	03B1417048	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA CO NM		

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, 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 73.2 % 43-149

Surrogate: 1-Chlorooctadecane 79.3 % 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:	07/26/2022	Sampling Date:	07/26/2022
Reported:	07/29/2022	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED SWD / BAT	Sampling Condition:	Cool & Intact
Project Number:	03B1417048	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA CO NM		

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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Celey D. Keene, Lab Director/Quality Manager



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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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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

ANALYSIS REQUEST

BILL TO

Company Name: Ensolum, LLC	P.O. #:
Project Manager: Beaux Jennings	Company: Oxy USA, Inc.
Address: 601 N. Marland St. STE 400	Attn: Wade Dittich
City: Midland	State: TX Zip: 79701
Phone #: 210-219-8858	Fax #:
Project #: 03BW17044	Project Owner:
Project Name: Proximity 31 Ex. SUD/BAT	State: Zip:
Project Location: Lea County, NM	Phone #: 575-390-2828
Sample Name: Samatha Mottant	Fax #:

Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS REQUEST
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:			
1	SW-11	0-5'	C	1	X							9/26/22	0852	TPH 8015 M
2	SW-12	0-5'	C	1	X							9/26/22	0856	BTEX 8021 B
3	SW-13	0-5'	C	1	X							9/26/22	0858	Chlorides 4500
4	SW-14	0-9'	C	1	X							9/26/22	0900	
5	SW-15	0-9'	C	1	X							9/26/22	0904	
6	SW-16	0-5'	C	1	X							9/26/22	0907	
7	SW-17	0-4'	C	1	X							9/26/22	0909	
8	SW-18	0-5'	C	1	X							9/26/22	0911	
9	SW-19	0-3'	C	1	X							9/26/22	0913	
10	SW-20	0-2'	C	1	X							9/26/22	0916	

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Relinquished By: *Samatha Mottant*

Relinquished By: *Samatha Mottant*

Received By: *Steed Rogers*

Date: 9/26/22

Time: 0851

Delivered By: (Circle One) UPS Bus Other

Observed Temp. °C: 4.30

Corrected Temp. °C: 3.70

Sample Condition: Cool Intact

Checked By: *(Signature)*

Turnaround Time: Standard Rush

Thermometer ID #113

Corrosion Factor: 9.5°C

Bacteria (only) Sample Condition: Cool Intact

Corrected Temp. °C:

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

SR 7/24/22



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

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.

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".

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	Sampling Date:	08/05/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED SWD / BAT	Sampling Condition:	Cool & Intact
Project Number:	03B1417048	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA CO NM		

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	

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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:	08/05/2022	Sampling Date:	08/05/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED SWD / BAT	Sampling Condition:	Cool & Intact
Project Number:	03B1417048	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA CO NM		

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	

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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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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: Ensolium, LLC

Project Manager: Beaux Jennings

Address: 601 N Marientfeld Street, Suite 400

City: Midland State: TX Zip: 79701

Phone #: 210-219-8858 Fax #: Project Owner:

Project #: 0381417048 Project Owner:

Project Name: Farming 31 Fed/B/T

Project Location: Lee Co Perm

Sampler Name: SHANE DICER

FOR LAB USE ONLY

BILL TO

P.O. #: ANALYSIS REQUEST

Company: Oxy USA Inc.

Attn: Wade Dittrich

Address:

City: State: Zip:

Phone #: 575-390-2828

Fax #:

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chlorides 4500	TPH 8015 m	
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					ICE / COOL
4903518	SW-5	0-5	C	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	8-5-22	1235	X							
	F5-35	7'	C	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	8-5-22	1258	X							
	F5-72	7'	C	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	8-5-22	1345	X							
	F5-60	7'	C	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	8-5-22	1358	X							
	F5-54	7'	C	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	8-5-22	1405	X							

PLEASE NOTE: Liability and Damages. Cardinal's facility 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: [Signature] Date: 8/5/22 Time: 1:39 PM Received By: [Signature]

Delivered By: (Circle One) Observed Temp. °C: 1.0°C Corrected Temp. °C: 1.0°C

Sampler - UPS - Bus - Other: Cool Intact: Yes No

Checked By: [Signature] Turndown Time: Standard Rush

Thermometer ID #113 Correction Factor: -0.0°C Bacteria (only) Sample Condition Cool Intact: Yes No Corrected Temp. °C

CUSTODY SEAL

Date 8-5-22

Signature [Signature]





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
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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 OCD.enviro@state.nm.us and BLM_NM_CFO_Spill@blm.gov .	

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>
<u>OCD Only</u>
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?	> 100 (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 not 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 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.

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2118765970
District RP	
Facility ID	30-025-20423
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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: _____

Incident ID	nAPP2118765970
District RP	
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Application ID	

Closure

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

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

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

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

Printed Name: Wade Dittrich

Title: Environmental Specialist

Signature: 

Date: 10-19-22

email: wade_dittrich@oxy.com

Telephone: 575-390-2828

OCD Only

Received by: Jocelyn Harimon

Date: 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: 11/16/2022

Printed Name: Jennifer Nobui

Title: 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