

CLOSURE REPORT

Property:

2RP-9 - 10.4.07 (Big Walt 2 State #008)

Eddy County, New Mexico 32.422360° N, 104.461126° W NMOCD Incident ID: nAPP2235540469 District RP: 2RP-9

January 11, 2023 Ensolum Project No. 03B1417067

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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CLOSURE REPORT

2RP-9 - 10.4.07 (Big Walt 2 State #008)

Eddy County, New Mexico 32.422360° N, 104.461126° W NMOCD Incident ID: nAPP2235540469 District RP: 2RP-9

Ensolum Project No. 03B1417067

1.0 INTRODUCTION

1.1 Executive Summary

- Due to the lack of information regarding the release, it is unknown if the impacted soil was remediated at the 2RP-9 10.4.07 (Big Walt 2 State #008), hereinafter referred to as the "Site".
- On October 4, 2007, approximately 12 barrels (bbls) of crude oil and 750 bbls of produced water were released to the ground surface with most of the fluids remaining on the Big Walt central tank battery (CTB) pad. Five hundred bbls of produced water were subsequently recovered. Based on the lack of remediation information, Oxy USA Inc. (Oxy) contracted Ensolum, LLC (Ensolum) to perform sampling of the approximate spill location at the Site. The impacted on-Site soils in the release area were excavated by Tex-Mex Rentals & Service (Tex-Mex) in 2022. Following remediation activities, excavated material was transported to Lea Land LLC for proper disposal.
- On September 2, 2022, Ensolum arrived on-Site and collected 165 composite soil samples from the excavation floor within the release area. The floor soil samples were collected from 165 different sample locations (FS-1 through FS-165) at depths ranging from 0.25 to 0.50 inches below ground surface (bgs).
- Based on laboratory analytical results, additional excavation at the Site was required. Ensolum arrived on-Site with Tex-Mex on September 29, 2022 to conduct additional excavation activities and collected 14 additional composite soil samples from the excavation floor (FS-4, FS-5, FS-6, FS-7, FS-9, FS-10, FS-33, FS-34, FS-75, FS-82, FS-86, FS-98, FS-102, and FS-131) at depths ranging from 1 to 7 feet bgs.
- Based on laboratory analytical results, additional excavation at the Site was required. Ensolum arrived on-Site with Tex-Mex on October 12, 2022 to conduct additional excavation activities and collected 1 additional composite soil sample from the excavation floor (FS-131) at a depth of 9 feet bgs. Additionally, Ensolum collected 4 composite soil samples from the excavation sidewalls (SW-86, SW-98, SW-102, and SW-131) at depths ranging from 0-4 to 0-9 feet bgs.
- 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 EMNRD OCD's New Mexico Administrative Code (NMAC) 19.15.29 Releases as guidance.
- The final excavation area measured approximately 600 feet by 195 feet. The excavation depths ranged from 0.25 inches bgs to a maximum depth of 9 feet bgs.



- A total of 180 composite soil samples from 165 locations from the excavation floor (FS-1 through FS-165) and 4 composite soil samples from the excavation sidewalls (SW-86, SW-98, SW-102, and SW-131) were collected.
- Based on the laboratory analytical results, the final confirmation composite soil samples collected from the excavation floor and sidewalls did not exhibit benzene, toluene, ethylbenzene, and xylene (BTEX), total BTEX, total petroleum hydrocarbons (TPH), gasoline range organics (GRO), diesel range organics (DRO) and/or motor oil range organics (MRO) or chloride concentrations above the applicable NMOCD Closure Criteria. Subsequent to the results of the confirmation soil sampling, the identified impacted soils were removed and taken off-Site for proper disposal. The excavation area was subsequently 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 : 2RP-9 - 10.4.07 (Big Walt 2 State #008)					
Location:	32. 422360° N, 104. 461126° W Eddy County, New Mexico				
Property:	State Land Office (SLO)				
Regulatory:	New Mexico Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)				

On October 4, 2007, approximately 12 bbls of crude oil and 750 bbls of produced water were released to the ground surface with most of the fluids remaining on the Big Walt CTB pad. Five hundred bbls of produced water were subsequently recovered. Based on the lack of remediation information, Oxy contracted Ensolum to perform sampling of the approximate spill location at the Site. The impacted on-Site soils in the release area were excavated by Tex-Mex in 2022. Following remediation activities, excavated material was transported to Lea Land LLC for proper disposal.

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.
- 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 classified 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 BLM, the Site is located within an unstable area, also referred to as high karst.
- 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							
Minimum depth below any point within horizontal boundary of the release to groundwater less than 10,000 mg/l TDS	Constituent	Method	Limit				
	Chloride	EPA 300.0 or SM4500 CI B	600 mg/kg				
≤ 50 feet	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				



3.0 SOIL REMEDIATION ACTIVITIES

On October 4, 2007, approximately 12 bbls of crude oil and 750 bbls of produced water were released to the ground surface with most of the fluids remaining on the Big Walt CTB pad. Five hundred bbls of produced water were subsequently recovered. Based on the lack of remediation information, Oxy contracted Ensolum to perform sampling of the approximate spill location at the Site.

On September 2, 2022, Ensolum arrived on-Site and collected 165 composite soil samples from the excavation floor within the release area. The floor soil samples were collected from 165 different sample locations (FS-1 through FS-165) at depths ranging from 0.25 to 0.50 inches bgs.

Based on laboratory analytical results, additional excavation at the Site was required. Ensolum arrived on-Site with Tex-Mex on September 29, 2022 to conduct additional excavation activities and collected 14 additional composite soil samples from the excavation floor (FS-4, FS-5, FS-6, FS-7, FS-9, FS-10, FS-33, FS-34, FS-75, FS-82, FS-86, FS-98, FS-102, and FS-131) at depths ranging from 1 to 7 feet bgs.

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The confirmation soil samples were analyzed for BTEX, TPH GRO/DRO/MRO and chloride in accordance with NMOCD Closure Criteria for Soils Impacted by a Release (NMOCD Closure Criteria).

The final excavation areas measured approximately 600 feet by 195 feet. The excavation depths ranged from 0.25 inches bgs to a maximum depth of 9 feet bgs.

The lithology encountered during the completion of sampling activities consisted primarily of caliche and limestone.

Figure 3 identifies approximate composite 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 soil sampling program included the collection of a total of 180 composite soil samples from 165 locations from the excavation floor (FS-1 through FS-165) and 4 composite soil samples from the excavation sidewalls (SW-86, SW-98, SW-102, and SW-131) were collected.

The 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 laboratory analysis.

5.0 SOIL LABORATORY ANALYTICAL METHODS

The 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 BTEX, TPH GRO/DRO/MRO, and chloride concentrations associated with the excavation floor (FS-1 through FS-165), and the excavation sidewalls (SW-86, SW-98, SW-102, and SW-131) to the applicable NMOCD Closure Criteria.

- Laboratory analytical results indicate the 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 milligrams per kilogram (mg/kg).
- Laboratory analytical results indicate the total BTEX concentrations for the composite soil samples
 are below the laboratory SDLs, which are below the applicable NMOCD Closure Criteria of 50
 mg/kg.
- Laboratory analytical results indicate the combined TPH GRO/DRO/MRO concentrations for the composite excavation floor samples (FS-4, FS-5, FS-6, FS-7, FS-9, FS-10, FS-33, FS-34, FS-75, FS-82, FS-86, FS-98, FS-102, and FS-131), ranged from 117 mg/kg to 2,363 mg/kg, which are above the applicable NMOCD Closure Criteria of 100 mg/kg from ≤50 feet. The soils in these locations were subsequently removed and taken off-Site for proper disposal.
- Laboratory analytical results indicate the combined TPH GRO/DRO/MRO concentrations for the final composite soil samples are below the laboratory SDLs and/or the applicable NMOCD Closure Criteria of 100 mg/kg from ≤50 feet.
- Laboratory analytical results indicate the chloride concentrations for the composite soil samples exhibited chloride concentrations ranging from below the laboratory SDLs to 48.0 mg/kg, which are below the applicable NMOCD Closure Criteria of 600 mg/kg from ≤50 feet.

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

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 then backfilled with clean fill material and contoured to the original surrounding grade.

8.0 FINDINGS AND RECOMMENDATION

- On October 4, 2007, approximately 12 bbls of crude oil and 750 bbls of produced water were released to the ground surface with most of the fluids remaining on the Big Walt CTB pad. Five hundred bbls of produced water were subsequently recovered. Based on the lack of remediation information, Oxy contracted Ensolum to perform sampling of the approximate spill location at the Site. The impacted on-Site soils in the release area were excavated by Tex-Mex in 2022. Following remediation activities, excavated material was transported to Lea Land LLC for proper disposal.
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- Based on the laboratory analytical results, the final confirmation composite soil samples collected from the excavation floor and sidewalls did not exhibit benzene, total BTEX, TPH GRO/DRO/MRO, or chloride concentrations above the applicable NMOCD Closure Criteria. Subsequent to the results of the confirmation soil sampling, the identified impacted soils were removed and taken off-Site for proper disposal. The excavation area was subsequently 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.

9.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE

9.1 Standard of Care

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

9.2 Limitations

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



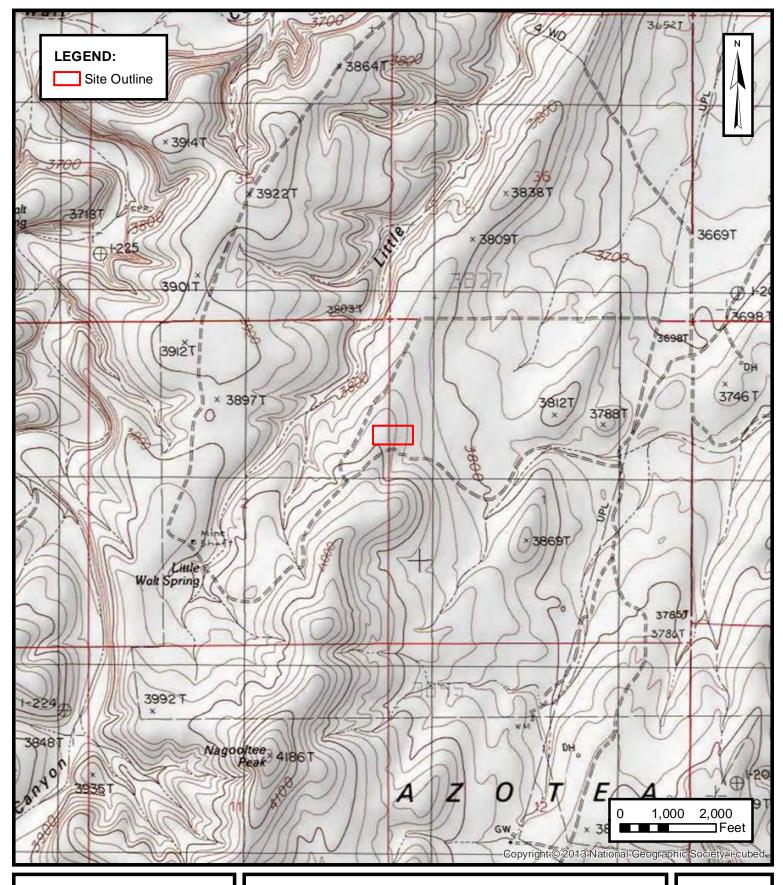
9.3 Reliance

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



APPENDIX A

Figures





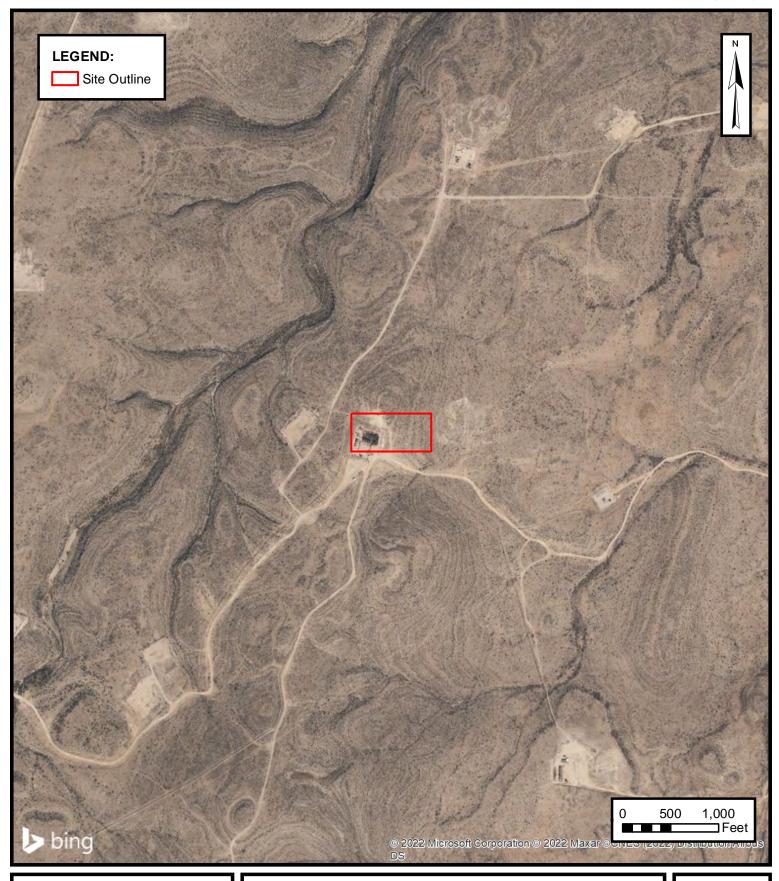
TOPOGRAPHIC MAP

OXY USA INC. 2RP-9 - 10.4.07 (Big Walt 2 State #008) Eddy County, New Mexico 32.422360° N, 104.461126° W

PROJECT NUMBER: 03B1417067

FIGURE

1





SITE VICINITY MAP

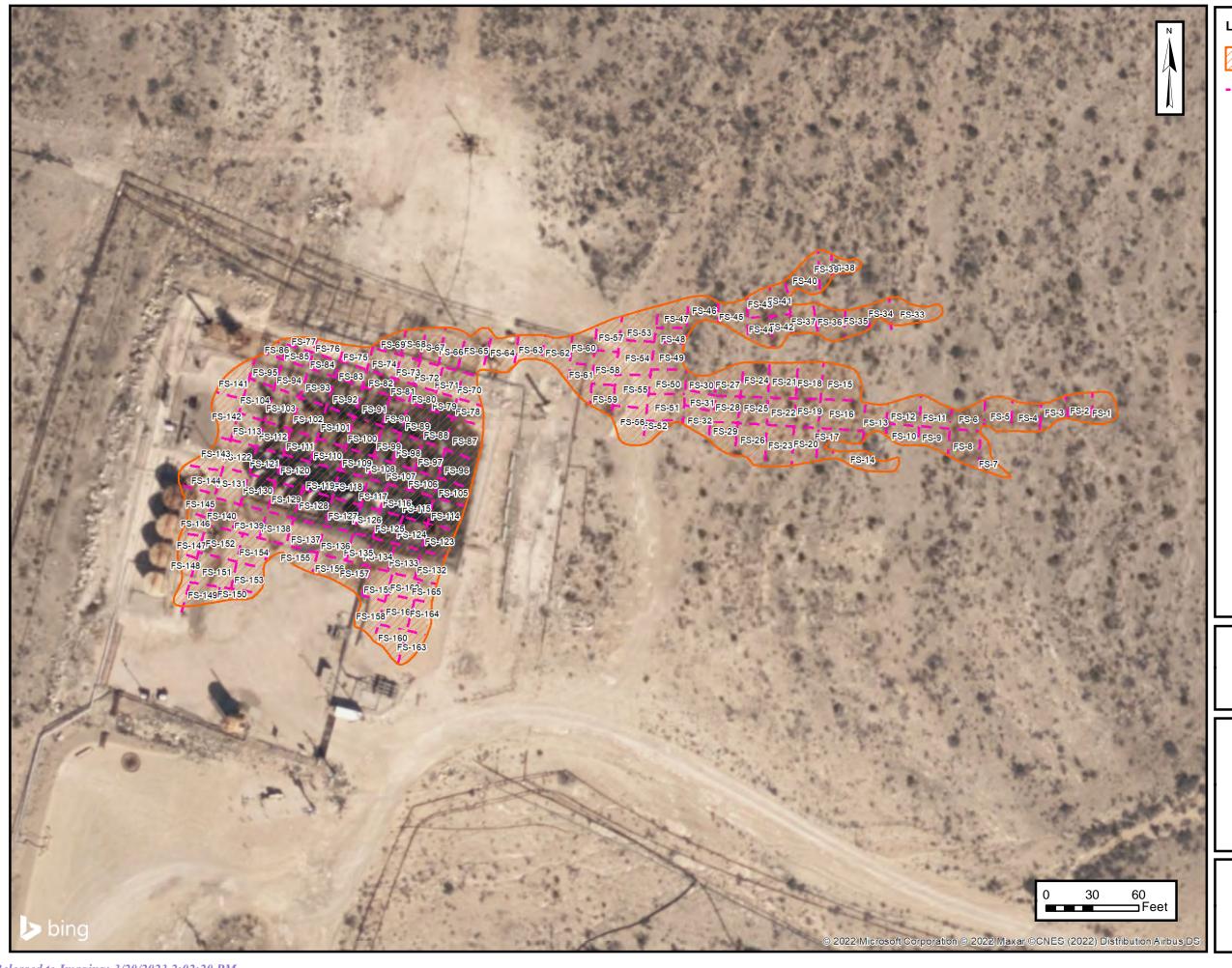
OXY USA INC. 2RP-9 - 10.4.07 (Big Walt 2 State #008) Eddy County, New Mexico 32.422360° N, 104.461126° W

PROJECT NUMBER: 03B1417067

FIGURE

2

Page 13 of 271 Received by OCD: 1/11/2023 10:34:29 AM







Release Extent

Soil Sampling Grid Boundary



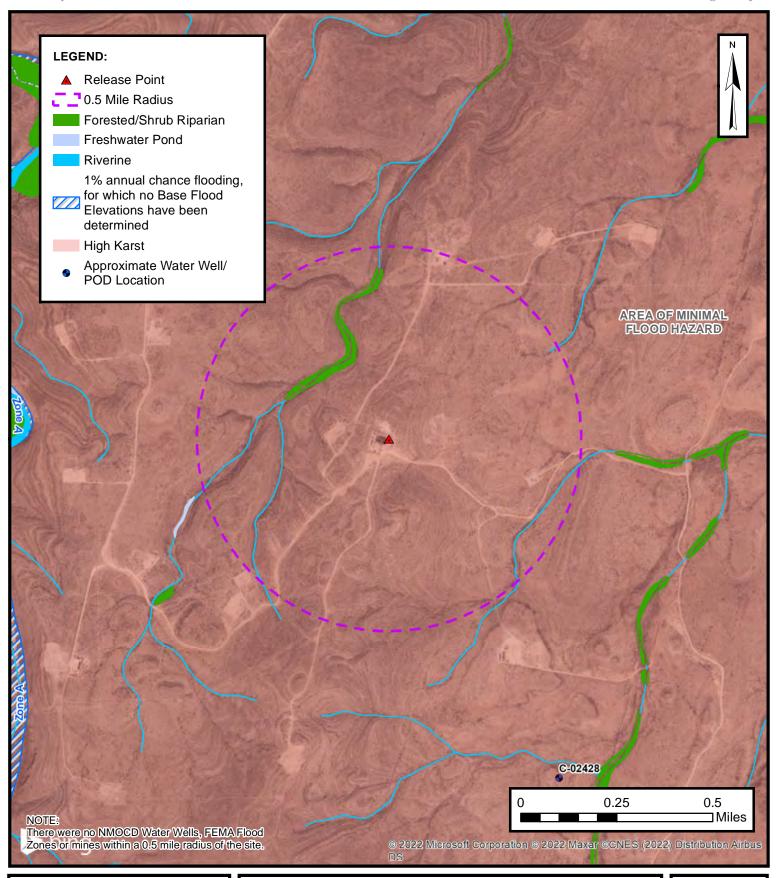
SITE MAP

OXY USA INC. 2RP-9 - 10.4.07 (Big Walt 2 State #008)

Eddy County, New Mexico 32.422360° N, 104.461126° W

FIGURE

PROJECT NUMBER: 03B1417067





CLOSURE CRITERIA MAP

OXY USA INC. 2RP-9 - 10.4.07 (Big Walt 2 State #008) Eddy County, New Mexico 32.422360° N, 104.461126° W

PROJECT NUMBER: 03B1417067

FIGURE

4



APPENDIX B

Supporting Documentation

National Flood Hazard Layer FIRMette





SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF FLOOD HAZARD Area with Flood Risk due to Levee Zone D

> NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs

> > Area of Undetermined Flood Hazard Zone D

- - - Channel, Culvert, or Storm Sewer **GENERAL**

STRUCTURES | LILLIL Levee, Dike, or Floodwall

OTHER AREAS

MAP PANELS

20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation

Coastal Transect Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary

Coastal Transect Baseline OTHER **Profile Baseline FEATURES** Hydrographic Feature

Digital Data Available

No Digital Data Available

an authoritative property location.

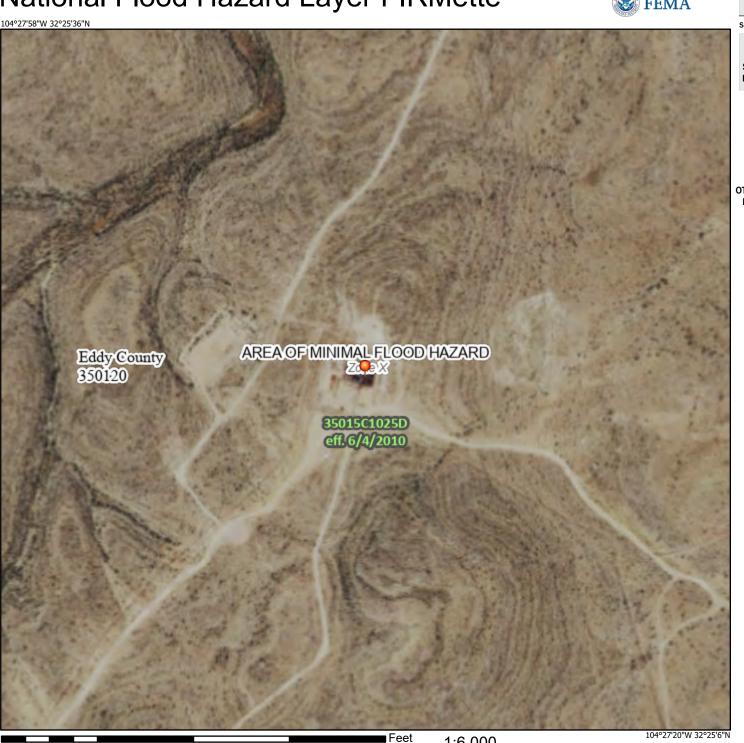
Unmapped

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

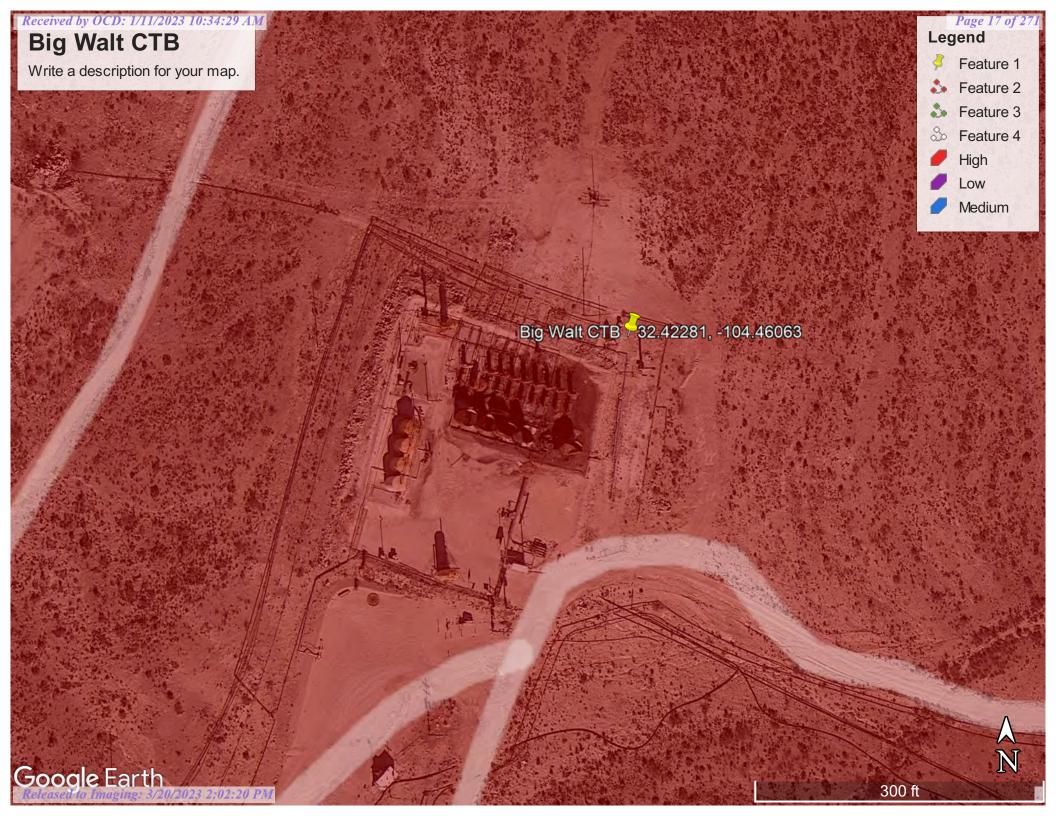
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 11/10/2022 at 5:32 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.

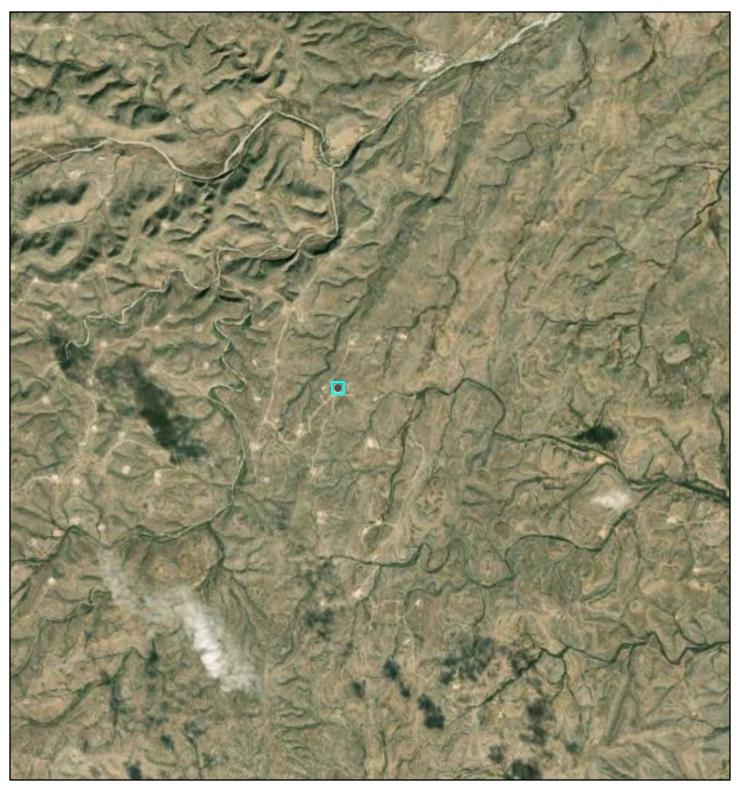
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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



2.000



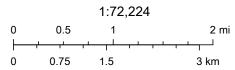
Active Mines in New Mexico



11/10/2022, 4:29:05 PM

Registered Mines

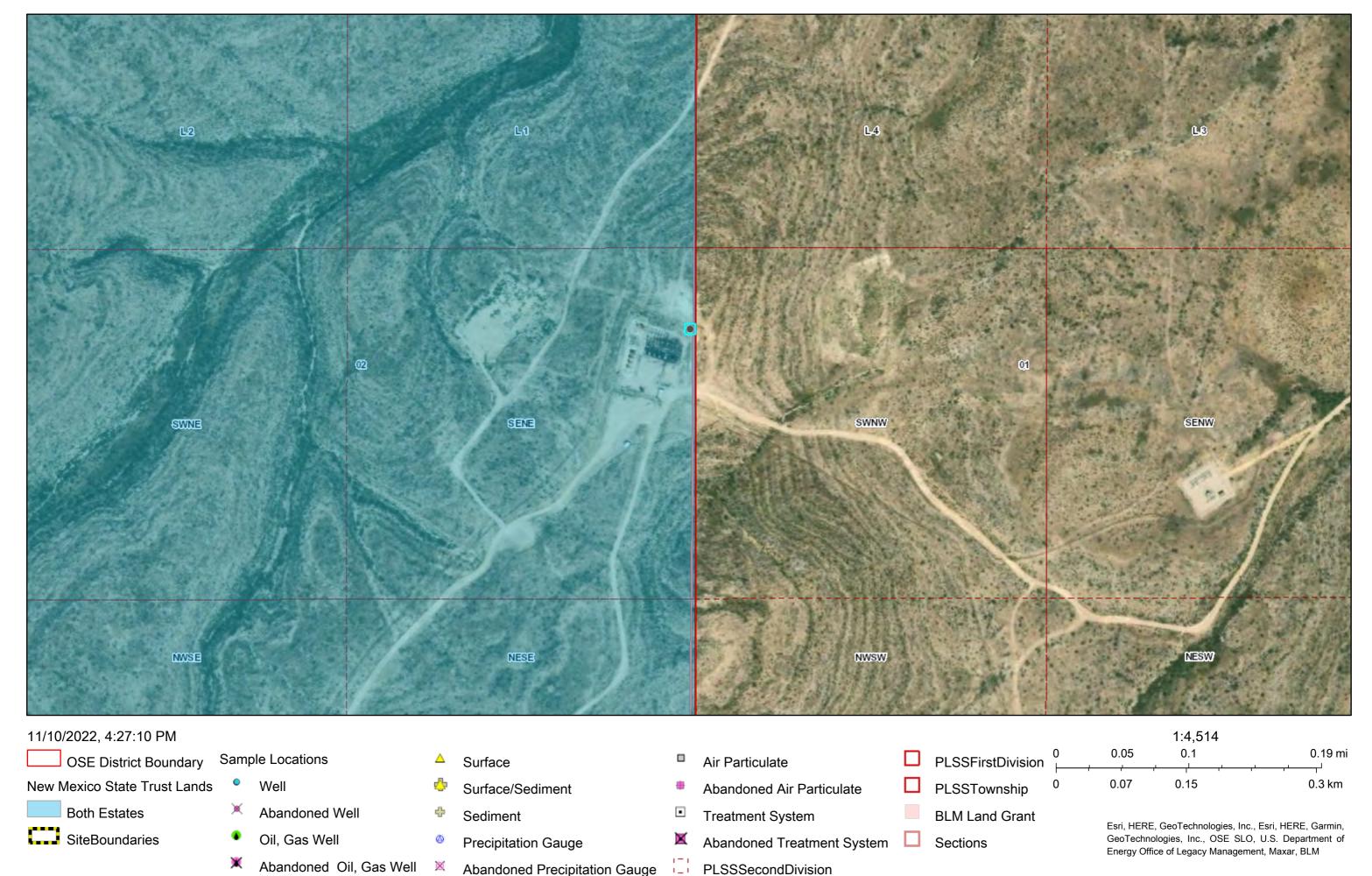
Aggregate, Stone etc.



Esri, HERE, Garmin, Earthstar Geographics

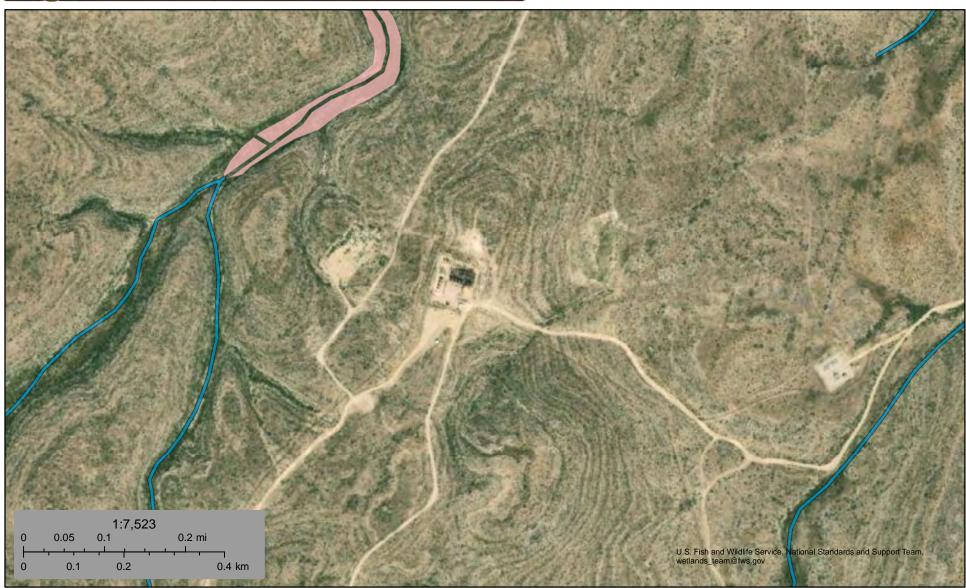
Received by OCD: 1/11/2023 10:34:29 AM

OSE POD Locations Map





Wetlands Mapper



November 10, 2022

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Other

Riverine

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

From: Beaux Jennings

Sent: Tuesday, August 30, 2022 4:21 PM

To: OCD.Enviro@state.nm.us

Subject: Big Walt CTB Gunbarrel Tank (2RP-5475)

Good Afternoon,

On behalf of Oxy USA Inc, Ensolum, LLC would like to provide notification for sampling activities that will be conducted at the Big Walt CTB Gunbarrel Tank (2RP-5475) on Friday, September 2nd at 10am. The samples may be used for closure, provided that they meet applicable closure limits.



From: Beaux Jennings

Sent: Tuesday, September 27, 2022 11:46 AM

To: OCD.Enviro@state.nm.us

Subject: Big Walt CTB Gunbarrel Tank (2RP-5475)

Good Afternoon,

On behalf of Oxy USA Inc, Ensolum, LLC would like to provide notification for sampling activities that will be conducted at the Big Walt CTB Gunbarrel Tank (2RP-5475) on Thursday, September 29th at 11am. The samples may be used for closure, provided that they meet applicable closure limits.



From: Beaux Jennings

Sent: Monday, October 10, 2022 10:39 AM

To: OCD.Enviro@emnrd.nm.gov

Subject: Big Walt CTB Gunbarrel Tank (2RP-5475)

Good Afternoon,

On behalf of Oxy USA Inc, Ensolum, LLC would like to provide notification for sampling activities that will be conducted at the Big Walt CTB Gunbarrel Tank (2RP-5475) on Thursday, October 13th at 10am. The samples may be used for closure, provided that they meet applicable closure limits.



From: Harimon, Jocelyn, EMNRD < Jocelyn.Harimon@emnrd.nm.gov>

Sent: Wednesday, October 19, 2022 12:19 PM

To: Beaux Jennings

Cc: Bratcher, Michael, EMNRD; Nobui, Jennifer, EMNRD

Subject: FW: [EXTERNAL] Big Walt CTB Gunbarrel Tank (2RP-5475)

[**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, Jocelyn Harimon

Jocelyn Harimon • Environmental Specialist

Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | <u>Jocelyn.Harimon@state.nm.us</u>
http://www.emnrd.nm.gov



From: Beaux Jennings < bjennings@ensolum.com > Sent: Wednesday, October 19, 2022 7:55 AM

To: Enviro, OCD, EMNRD < COCD.Enviro@emnrd.nm.gov Subject: [EXTERNAL] Big Walt CTB Gunbarrel Tank (2RP-5475)

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 Big Walt CTB Gunbarrel Tank (2RP-5475) on Friday, October 21st at 10am. The samples may be used for closure, provided that they meet applicable closure limits.



OXY USA WTP LP BIG WALT CENTRAL TANK BATTERY (CTB) Work Plan Section 2, Township 22S, Range 24E Eddy County, New Mexico

October 24, 2007

Prepared for:

US Dept. of the Interior Bureau of Land Management 620 E. Greene Street Carlsbad, NM 88220

State of New Mexico
Oil Conservation Division
1301 W. Grand Avenue
Artesia, NM 88210

By:

OXY USA WTP LP 102 S. Main St. Carlsbad, NM 88220 575-887-8337

Guye, Gerry, EMNRD

From: Guye, Gerry, EMNRD

Sent: Monday, October 29, 2007 12:24 PM

To: 'Rick Kerby@oxy.com'

Cc: Bratcher, Mike, EMNRD; 'James_Amos@nm.blm.gov'

Subject: Work Plan for Oxy Big Walt CTB

Rick

I have gone over your proposed work plan for this battery and have approved it with the following stipulations:

The diagram you sent did not indicate the depth of the samples so I am assuming the samples were taken only at surface level. Hence the high TPH levels.

Use of micro-blasé is authorized outside of the fenced area only. All contaminated soils will be removed from inside the fenced area, as indicated in your work plan, and a new series of samples taken in that area, sent to OCD for approval before any back fill. A diagram must be submitted with the samples showing where the sample was taken and at what depth.

The area outside the fenced area will be monitored for 60 days after spreading of the micro-blasé then new samples will be lab - tested and submitted to the OCD for approval prior to any further action.

Please be advised that OCD approval of this plan does not relieve your company of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve your company of responsibility for compliance with any other applicable **federal**, state, local laws and/or regulations.

Gerry Guye

Compliance Officer NMOCD - Artesia Office (505)748-1283x105 Mobile (505)626-0843

E-Mail: gerry.guye@state.nm.us

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I. Company Contact(s)

NAME	Company	Telephone	E-mail	
Rick Kerby	Оху	505-887-8337	rick_kerby@oxy.com	

II. Background

The subject site is a release, which occurred on October 4, 2007. This release was caused by an air compressor which failed to work properly, causing the dump valves to the gun barrel to remain open. This caused the piping and the bottom of the tank to be blown out. Approximately 750 barrels of produced water and 12 barrels of oil were released, of which 500 barrels of the produced water was recovered.

III. Driving Directions to Location

Leaving Carlsbad and US 285 North, turn west (left) onto NM 137. Proceed straight on NM 137 approximately 6.3 miles. Turn south (left) onto lease road and proceed approximately 4.3 miles to location.

III. Surface and Ground Water

The closest groundwater of record was listed with the Office of the State Engineer. This well is located in Section 2, Township 22 South, Range 24 East. The depth of water is greater than 50', giving this well a ranking of 10.

IV Soils

(need soil information).

V. Delineation Plan

Safety and Environmental Solutions, Inc. (SESI) took samples of soils for testing. The results are listed in Appendix C – Chloride Samples.

VI. Work Plan

Knapf was used to soak up excess fluids and other hydrocarbons around tank and in the pasture. Contaminated surface soil below dike and inside fenced area will be excavated and hauled to disposal. Plastic will be laid between dike and fenced area, and a secondary containment dike will be added inside the fence, to act as a collection site. The dike will be kept empty. Micro-blasé microbes will be sprayed on contaminated areas and maintained. Area will be inspected periodically and microbes added as needed. Pictures will be used to document recovery process of pasture. (History has proven that disruption to native plant life by mechanical means only adds to damage done to pastures.)

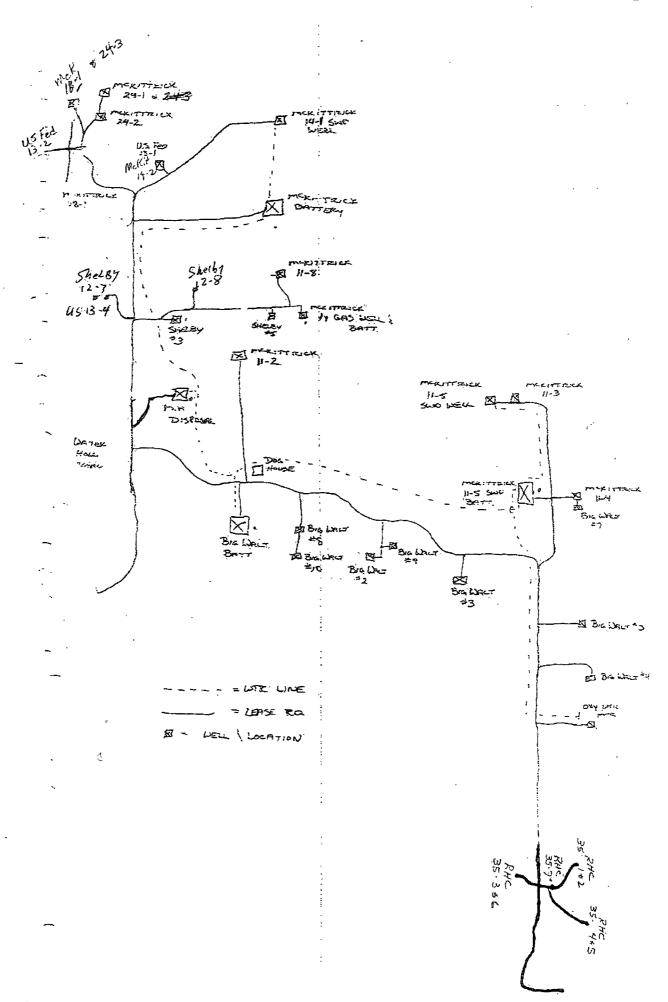
VII. Figures & Appendices

Figure 1 – Vicinity Map Appendix A – C-141

Appendix B - Site Photos

Appendix C - Chloride Samples

Figure 1 Vicinity Map



Appendix A C-141

Reserved by OCD: 1/11/2023 10:34:29 AM 1625 N French Dr , Hobbs, NM 88240

1625 N French Dr , Hobbs, NM 88240 <u>District II</u> 1301 W Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410

1220 S St Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Page 32 of 271 Form C-141 Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

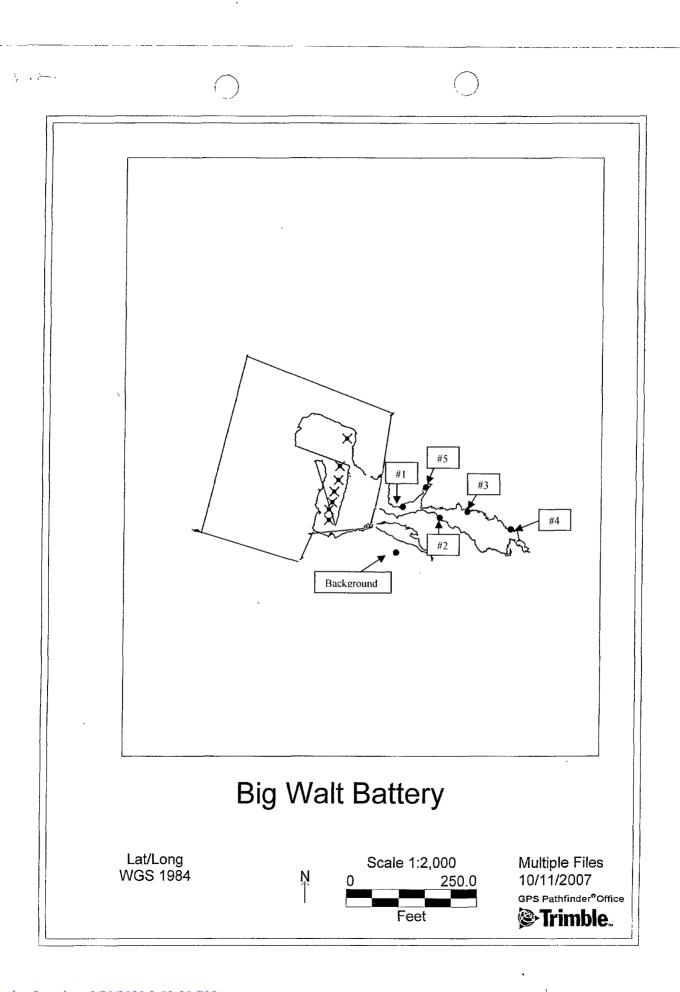
Release Notification and Corrective Action

				OPER				al Report		
Name of Compa	any OX	Y USA WT	P LP		Contact RICK KE	RBY, H	ES SI	PECIALIST		
Address 102 S NM 88220	. Main S	t., POB 198	88, Carlsb	ad,	Telephone No. 505	-887-83	37			
Facility Name Big Walt					Facility Type Central Tank Battery					
Surface Owner BLM . Mineral Own					r		Lea	se No.		
			: LO	CÁTIO	N OF RELEASE					
Unit Letter	Section	Township	Range	Feet from		Feet fro	m the	East/West Line	County	
	2	22 South	24 East		1			,	Eddy	
		Latitu	de		Longitude					
			N	ATURE	OF RELEASE					
Type of Release Wa	ater/Oil		<u>_</u>		Volume of Release 750	bbls wtr	Volun	ne Recovered 500	bbls oil -water	
Source of Release 1	eak on Gur	1 Barrel			Date and Hour of Occurr 10/04/07 09:30a.m.		1	and Hour of Discove	ery	
Was Immediate Noti	ce Given?	□ Vac ∇	No No	t Required	If YES, To Whom?		10,01,	07 1012 VIIII		
By Whom?					Date and Hour					
Was a Watercourse F	Reached?	☐ Yes 🏻	No		If YES, Volume Impacting	ng the Wat	ercourse)		
If a Watercourse was	Impacted, I	Describe Fully.*	*							
		,			• .					
Not applicable		•			٠.					
	oblem and F									
Describe Cause of Pi	ed, so dump	Remedial Action	n Taken.* barrel hung	open, whic	h blew piping and bottom	out of tan	ık. Vac	uum truck called a	and picked up	
Describe Cause of Pr Air compressor fail what it could before	ed, so dump water soak	Remedial Action valves to gun ed into ground	n Taken.* barrel hung d.	open, whic	h blew piping and bottom	a out of tan	ık. Vac	uum truck called a	and picked up	
what it could before Describe Area Affect	ed, so dump water soak ted and Clca	Remedial Action valves to gun ded into ground nup Action Tak	n Taken.* barrel hung d. een *		h blew piping and bottom					
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Appendix C Soil Samples

Soil Samples

Sample Point	Chlorides	Benzene	Toluene	Ethyl Benzene	Xyolene	TPH
#1	300	ND	19	6.1	69	75,000
#2	130	ND	6.8	2.6	36	51,000
#3	200	ND	9.9	3.6	36	48,000
#4	560	ND	1.1	0.80	6.5	28,000
#5	92	ND	93	27	300	87,000
Background	ND	ND	ND	ND	ND	ND



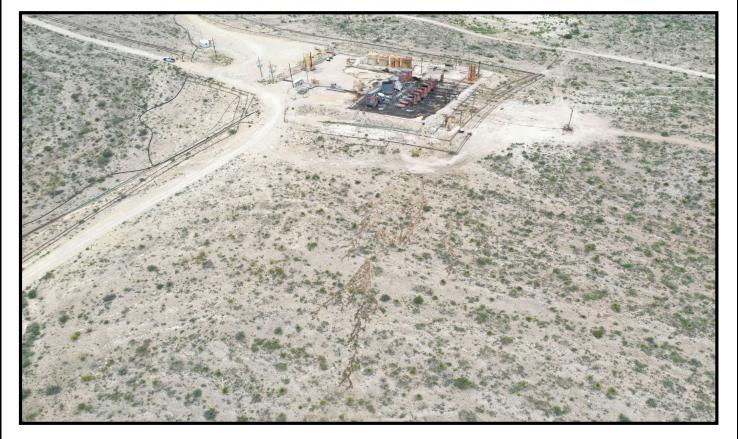


APPENDIX C

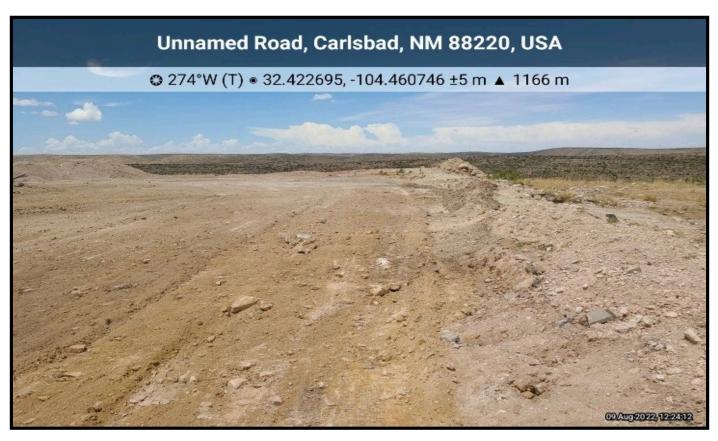
Photographic Documentation



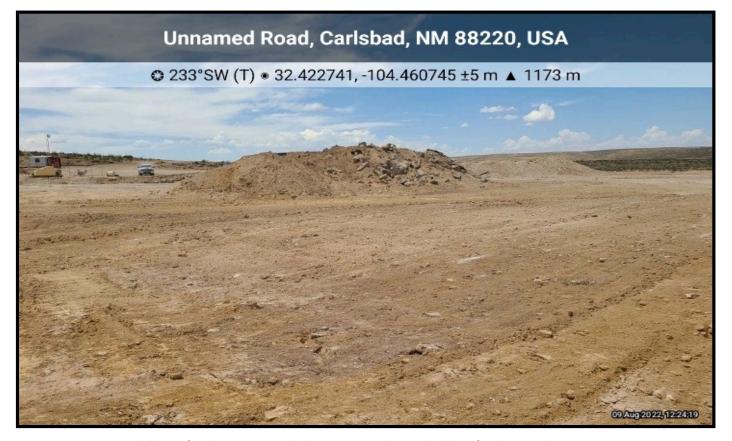
View of initial release, facing north.



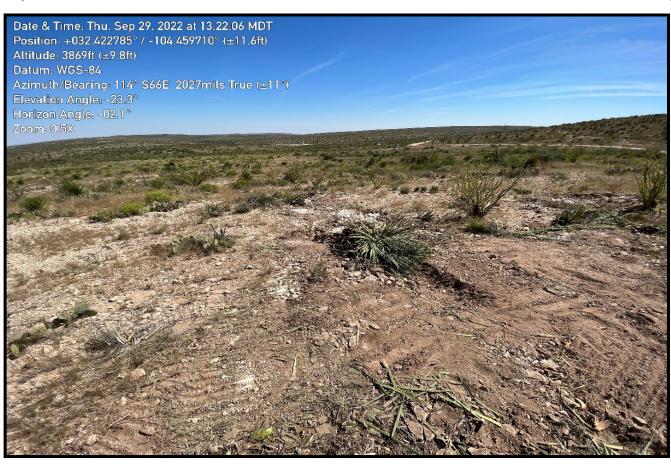
View of initial release, facing west.



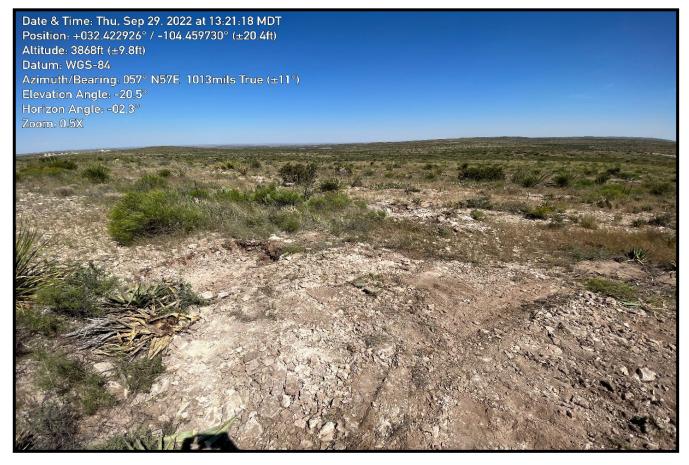
View of release area during excavation activities, facing west.



View of release area during excavation activities, facing southwest.



View of release area during excavation activities, facing southeast.



View of release area during excavation activities, facing northeast.



APPENDIX D

Table



Sample Designation	Date	Depth (inches 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)
	I Conservation Soils Impacted (≤ 50 feet)	Division Closure by a Release	10	NE	NE	NE	50	NE	NE	NE	100	600
					Floor S	ample Analytica	al Results					
FS-1	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-2	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	52.6	16.7	69.3	32.0
FS-3	9/2/2022	0.25	< 0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	16.0
F0.4	9/2/2022	0.25	<0.050	< 0.050	<0.050	< 0.150	< 0.300	<10.0	80.5	36.8	117	<16.0
FS-4	9/29/2022	12			NS			<10.0	<10.0	<10.0	<10.0	NS
	9/2/2022	0.25	< 0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	196	96.3	292	<16.0
FS-5	9/29/2022	12		P. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	NS		1	<10.0	<10.0	<10.0	<10.0	NS
	9/2/2022	0.25	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	866	358	1,224	16.0
FS-6	9/29/2022	12		<u> </u>	NS			<10.0	<10.0	<10.0	<10.0	NS
	9/2/2022	0.25	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	174	95.8	270	32.0
FS-7	9/29/2022	12	*****************	1-:-:-:-:-:-:-:-:-:-:-:-	NS		<u> </u>	<10.0	<10.0	<10.0	<10.0	NS
FS-8	9/2/2022	0.25	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	13.1	11.3	24.4	<16.0
-	9/2/2022	0.25	< 0.050	<0.050	< 0.050	<0.150	< 0.300	<10.0	1,470	628	2,098	<16.0
FS-9	9/29/2022	24		· 	NS		1	<10.0	<10.0	<10.0	<10.0	NS
	9/2/2022	0.25	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	61.7	65.0	127	32.0
FS-10	9/29/2022	12		<u> </u>	NS			<10.0	<10.0	<10.0	<10.0	NS
FS-11	9/2/2022	0.25	< 0.050	<0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-12	9/2/2022	0.25	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-13	9/2/2022	0.25	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-14	9/2/2022	0.25	< 0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	24.8	<10.0	24.8	32.0
FS-15	9/2/2022	0.25	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-16	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-17	9/2/2022	0.25	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.6	<10.0	14.6	16.0
FS-18	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-19	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	24.5	<10.0	24.5	<16.0
FS-20	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	40.4	<10.0	40.4	<16.0
FS-21	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-22	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	23.2	<10.0	23.2	<16.0
FS-23	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-24	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	27.9	<10.0	27.9	<16.0
FS-25	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	44.8	<10.0	44.8	<16.0
FS-26	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-27	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-28	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-29	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	21.4	<10.0	21.4	16.0
FS-30	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0

Sample Designation	Date	Depth (inches 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)
	Conservation soils Impacted (≤ 50 feet)	Division Closure by a Release	10	NE	NE	NE	50	NE	NE	NE	100	600
					Floor S	ample Analytica	I Results					
FS-31	9/2/2022	0.25	< 0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-32	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-33	9/2/2022	0.25	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	761	293	1,054	<16.0
F3-33	9/29/2022	12			NS			<10.0	<10.0	<10.0	<10.0	NS
FS-34	9/2/2022	0.25	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	310	115	425	<16.0
F3-34	9/29/2022	36			NS			<10.0	<10.0	<10.0	<10.0	NS
FS-35	9/2/2022	0.25	< 0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-36	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-37	9/2/2022	0.25	< 0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-38	9/2/2022	0.25	< 0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-39	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-40	9/2/2022	0.25	< 0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-41	9/2/2022	0.25	< 0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	48.0
FS-42	9/2/2022	0.25	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-43	9/2/2022	0.25	< 0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-44	9/2/2022	0.25	< 0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	41.9	12.4	54.3	32.0
FS-45	9/2/2022	0.25	< 0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-46	9/2/2022	0.25	< 0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-47	9/2/2022	0.25	< 0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-48	9/2/2022	0.25	< 0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-49	9/2/2022	0.25	< 0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-50	9/2/2022	0.25	< 0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	46.0	15.8	61.8	32.0
FS-51	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	15.8	<10.0	15.8	32.0
FS-52	9/2/2022	0.25	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-53	9/2/2022	0.25	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-54	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-55	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-56	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-57	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-58	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-59	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-60	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0

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Sample Designation	Date	Depth (inches 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)
	Conservation Soils Impacted (≤ 50 feet)	Division Closure by a Release	10	NE	NE	NE	50	NE	NE	NE	100	600
					Floor S	ample Analytica	al Results					
FS-61	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-62	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-63	9/2/2022	0.25 - 0.50	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-64	9/2/2022	0.25 - 0.50	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-65	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.3	<10.0	15.3	<16.0
FS-66	9/2/2022	0.25 - 0.50	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-67	9/2/2022	0.25 - 0.50	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-68	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	60.7	15.3	76.0	<16.0
FS-69	9/2/2022	0.25 - 0.50	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-70	9/2/2022	0.25 - 0.50	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-71	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-72	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-73	9/2/2022	0.25 - 0.50	< 0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	28.4	<10.0	28.4	16.0
FS-74	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.8	<10.0	15.8	32.0
FC 75	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	206	89.1	295	32.0
FS-75	9/29/2022	36			NS			<10.0	<10.0	<10.0	<10.0	NS
FS-76	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	62.4	34.4	96.8	<16.0
FS-77	9/2/2022	0.25 - 0.50	< 0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	57.6	16.2	73.8	32.0
FS-78	9/2/2022	0.25 - 0.50	< 0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-79	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-80	9/2/2022	0.25 - 0.50	< 0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	18.0	<10.0	18.0	32.0
FS-81	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	22.7	<10.0	22.7	<16.0
FC 00	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	104	30.7	135	16.0
FS-82	9/29/2022	36			NS			<10.0	<10.0	<10.0	<10.0	NS
FS-83	9/2/2022	0.25 - 0.50	< 0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-84	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.2	<10.0	20.2	<16.0
FS-85	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
*E0.00	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	1,770	593	2,363	<16.0
*FS-86	9/29/2022	48			NS			<10.0	70.3	16.5	86.8	NS
FS-87	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-88	9/2/2022	0.25 - 0.50	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-89	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-90	9/2/2022	0.25 - 0.50	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0

Sample Designation	Date	Depth (inches 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 Criteria for S	Conservation Soils Impacted (≤ 50 feet)		10	NE	NE	NE	50	NE	NE	NE	100	600
					Floor S	ample Analytica	I Results					
FS-91	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	45.6	<10.0	45.6	<16.0
FS-92	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	35.6	<10.0	35.6	<16.0
FS-93	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-94	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-95	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-96	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-97	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
*50.00	9/2/2022	0.25 - 0.50	<0.050	<0.050	< 0.050	<0.150	< 0.300	<10.0	101	24.8	126	<16.0
*FS-98	9/29/2022	72			NS			<10.0	<10.0	<10.0	<10.0	NS
FS-99	9/2/2022	0.25 - 0.50	<0.050	<0.050	< 0.050	<0.150	< 0.300	<10.0	25.1	<10.0	25.1	32.0
FS-100	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	< 0.150	<0.300	<10.0	54.5	15.2	69.7	32.0
FS-101	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	24.0	<10.0	24.0	32.0
±50,400	9/2/2022	0.25 - 0.50	< 0.050	< 0.050	< 0.050	< 0.150	<0.300	<10.0	110	26.7	137	48.0
*FS-102	9/29/2022	72			NS			<10.0	<10.0	<10.0	<10.0	NS
FS-103	9/2/2022	0.25 - 0.50	<0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-104	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-105	9/2/2022	0.25 - 0.50	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-106	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
FS-107	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-108	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-109	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-110	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-111	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-112	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-113	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-114	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-115	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
FS-116	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-117	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-118	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-119	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-120	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0

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Sample Designation	Date	Depth (inches 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 Criteria for S	Conservation I oils Impacted I (≤ 50 feet)		10	NE	NE	NE	50	NE	NE	NE	100	600
					Floor S	ample Analytica	I Results					
FS-121	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-122	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-123	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-124	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-125	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-126	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-127	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-128	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-129	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-130	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	188	47.5	236	<16.0
*FS-131	9/29/2022	84			NS			<10.0	104	34.8	139	NS
	10/21/2022	108			NS			<10.0	<10.0	<10.0	<10.0	NS
FS-132	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-133	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-134	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-135	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-136	9/2/2022	0.25 - 0.50	< 0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	32.1	<10.0	32.1	<16.0
FS-137	9/2/2022	0.25 - 0.50	< 0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-138	9/2/2022	0.25 - 0.50	< 0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-139	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-140	9/2/2022	0.25 - 0.50	< 0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	21.7	<10.0	21.7	<16.0
FS-141	9/2/2022	0.25 - 0.50	< 0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-142	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-143	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	11.7	<10.0	11.7	<16.0
FS-144	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-145	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-146	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	43.7	<10.0	43.7	<16.0
FS-147	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	21.5	<10.0	21.5	48.0
FS-148	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-149	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-150	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<16.0



TABLE 1

SOIL SAMPLE ANALYTICAL RESULTS 2RP-9 - 10.4.07 (Big Walt 2 State #008) Oxy USA Inc.

Eddy County, New Mexico Ensolum Project No. 03B1417067

Sample Designation	Date	Depth (inches 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)
	Conservation soils Impacted (≤ 50 feet)	Division Closure by a Release	10	NE	NE	NE	50	NE	NE	NE	100	600
					Floor S	ample Analytica	al Results					
FS-151	9/2/2022	0.25 - 0.50	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-152	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-153	9/2/2022	0.25 - 0.50	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-154	9/2/2022	0.25 - 0.50	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-155	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-156	9/2/2022	0.25 - 0.50	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	25.1	<10.0	25.1	<16.0
FS-157	9/2/2022	0.25 - 0.50	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-158	9/2/2022	0.25 - 0.50	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-159	9/2/2022	0.25 - 0.50	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-160	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-161	9/2/2022	0.25 - 0.50	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-162	9/2/2022	0.25 - 0.50	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-163	9/2/2022	0.25 - 0.50	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-164	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-165	9/2/2022	0.25 - 0.50	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
					Sidewall	Sample Analyti	ical Results					
SW-86	10/21/2022	0 - 48			NS			<10.0	<10.0	<10.0	<10.0	NS
SW-98	10/21/2022	0 - 72			NS			<10.0	<10.0	<10.0	<10.0	NS
SW-102	10/21/2022	0 - 72			NS	-		<10.0	<10.0	<10.0	<10.0	NS
SW-131	10/21/2022	0 - 108			NS			<10.0	<10.0	<10.0	<10.0	NS

Concentrations in **bold** and yellow exceed the New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release (\leq 50 feet)

* Indicates sidewall sample taken

bgs: below ground surface

mg/kg: milligrams per kilogram

NE: Not Established

NS: Not Sampled

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

Over Ecavated and/or Re-Sampled

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



September 09, 2022

BEAUX JENNINGS

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: BIG WALT

Enclosed are the results of analyses for samples received by the laboratory on 09/02/22 15:14.

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/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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



Analytical Results For:

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

Received: 09/02/2022
Reported: 09/09/2022
Project Name: BIG WALT

Project Name: BIG WALT
Project Number: 03B1417054
Project Location: OXY - EDDY, CO.

Sampling Date: 09/02/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 1 0-0.25" (H224051-01)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	QM-07
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	73.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	73.6	% 46.3-17	<i>'8</i>						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

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

Received: 09/02/2022 Reported: 09/09/2022

09/09/2022 BIG WALT

Project Number: 03B1417054
Project Location: OXY - EDDY, CO.

Sampling Date: 09/02/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 2 0-0.25" (H224051-02)

Project Name:

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	52.6	10.0	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	16.7	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	70.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	76.9	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Received: 09/02/2022 Reported: 09/09/2022

09/09/2022 BIG WALT 03B1417054

Project Number: 03B1417054
Project Location: OXY - EDDY, CO.

Sampling Date: 09/02/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 3 0-0.25" (H224051-03)

Project Name:

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	75.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	78.5	% 46.3-17	<i>'8</i>						

Analyzed By: 1H /

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Celeg & Freene



09/02/2022

Soil

Analytical Results For:

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

Received: 09/02/2022 Sampling Date:
Reported: 09/09/2022 Sampling Type:

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 4 0-0.25" (H224051-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	80.5	10.0	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	36.8	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	70.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.3	% 46.3-17	78						

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Celey D. Keine



09/02/2022

Soil

Analytical Results For:

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

Received: 09/02/2022 Sampling Date:

Reported: 09/09/2022 Sampling Type:

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 5 0-0.25" (H224051-05)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	196	10.0	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	96.3	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	68.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.2	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Received: 09/02/2022 Reported: 09/09/2022

Project Name: **BIG WALT** Project Number: 03B1417054 Sampling Date: 09/02/2022

Sampling Type:

Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Soil

Project Location: OXY - EDDY, CO.

Sample ID: FS - 6 0-0.25" (H224051-06)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	866	10.0	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	358	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	71.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.7	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Received: 09/02/2022

Reported: 09/09/2022
Project Name: BIG WALT
Project Number: 03B1417054

Project Location: OXY - EDDY, CO.

Sampling Date: 09/02/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 7 0-0.25" (H224051-07)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
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	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	174	10.0	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	95.8	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	71.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.4	% 46.3-17	8						

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Celey D. Kreine



Analytical Results For:

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

Received: 09/02/2022 Reported: 09/09/2022

Reported: 09/09/2022
Project Name: BIG WALT
Project Number: 03B1417054

Project Location: OXY - EDDY, CO.

Sampling Date: 09/02/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 8 0-0.25" (H224051-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	13.1	10.0	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	11.3	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	71.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	73.0	% 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022 Reported: 09/09/2022 Sampling Type: Soil

Project Name: **BIG WALT** Sampling Condition: ** (See Notes) Project Number: Shalyn Rodriguez 03B1417054 Sample Received By:

Project Location: OXY - EDDY, CO.

Sample ID: FS - 9 0-0.25" (H224051-09)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	1470	10.0	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	628	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	65.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	<i>'</i> 8						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: OXY - EDDY, CO.

Sample ID: FS - 10 0-0.25" (H224051-10)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	61.7	10.0	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	65.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	68.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	72.4	% 46.3-17	78						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: OXY - EDDY, CO.

Sample ID: FS - 11 0-0.25" (H224051-11)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	74.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	76.1	% 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: OXY - EDDY, CO.

mg/kg

Sample ID: FS - 12 0-0.25" (H224051-12)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	.u Dy. 3117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	70.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	75.0	% 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022 Reported: 09/09/2022

Project Name: BIG WALT
Project Number: 03B1417054
Project Location: OXY - EDDY, CO.

Sampling Date: 09/02/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 13 0-0.25" (H224051-13)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	< 0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	68.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	72.3	% 46.3-17	78						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: OXY - EDDY, CO.

Sample ID: FS - 14 0-0.25" (H224051-14)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	24.8	10.0	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	74.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	80.2	% 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022 Reported: 09/09/2022

09/09/2022 BIG WALT 03B1417054

mg/kg

Project Location: OXY - EDDY, CO.

Sampling Date: 09/02/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 15 0-0.25" (H224051-15)

Project Name:

BTEX 8021B

Project Number:

DILX GOZID	11197	ng .	Allulyzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	73.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	76.7	% 46.3-17	8						

Analyzed By: JH/

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: **BIG WALT** Sampling Condition: ** (See Notes) Sample Received By: Project Number: 03B1417054 Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 16 0-0.25" (H224051-16)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	73.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	75.8	% 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: OXY - EDDY, CO.

Sample ID: FS - 17 0-0.25" (H224051-17)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	14.6	10.0	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	70.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	74.7	% 46.3-17	8						

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09/02/2022

Soil

Analytical Results For:

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

Received: 09/02/2022 Sampling Date:
Reported: 09/09/2022 Sampling Type:

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 18 0-0.25" (H224051-18)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	< 0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	61.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	69.3	% 46.3-17	<i>'</i> 8						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022 Reported: 09/09/2022 Sampling Type: Soil

Project Name: **BIG WALT** Sampling Condition: ** (See Notes) Sample Received By: Project Number: 03B1417054 Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 19 0-0.25" (H224051-19)

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	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	69.9-14	0						
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	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	24.5	10.0	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	78.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	82.4	% 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Sample ID: FS - 20 0-0.25" (H224051-20)

OXY - EDDY, CO.

Project Location:

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	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 69.9-14	0						
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	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	40.4	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	91.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.4	% 46.3-17	78						

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Analytical Results For:

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

 Received:
 09/02/2022
 Sampling Date:
 09/02/2022

 Reported:
 09/09/2022
 Sampling Type:
 Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 21 0-0.25" (H224051-21)

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	09/06/2022	ND	1.80	90.2	2.00	0.416	QM-07
Toluene*	<0.050	0.050	09/06/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 69.9-14	0						
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	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	112 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117 9	% 46.3-17	8						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: **BIG WALT** Sampling Condition: ** (See Notes) Sample Received By: Project Number: 03B1417054 Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 22 0-0.25" (H224051-22)

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	09/06/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/06/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	69.9-14	0						
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	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	23.2	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	101 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 %	6 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 23 0-0.25" (H224051-23)

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	09/06/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/06/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	< 0.050	0.050	09/06/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
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	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	78.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	83.5	% 46.3-17	78						

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Celey D. Keene



Analytical Results For:

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

 Received:
 09/02/2022
 Sampling Date:
 09/02/2022

 Reported:
 09/09/2022
 Sampling Type:
 Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 24 0-0.25" (H224051-24)

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	09/06/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/06/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 69.9-14	0						
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	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	27.9	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	88.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.0	% 46.3-17	<i>'</i> 8						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: **BIG WALT** Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez Project Number: 03B1417054

Project Location: OXY - EDDY, CO.

Sample ID: FS - 25 0-0.25" (H224051-25)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/06/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
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	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	44.8	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	93.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105 9	% 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: OXY - EDDY, CO.

Sample ID: FS - 26 0-0.25" (H224051-26)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/06/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 69.9-14	0						
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	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	79.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.5	% 46.3-17	8						

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09/02/2022

Soil

Analytical Results For:

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

Received: 09/02/2022 Sampling Date:
Reported: 09/09/2022 Sampling Type:

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 27 0-0.25" (H224051-27)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/06/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	76.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.2	% 46.3-17	78						

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09/02/2022

** (See Notes)
Shalyn Rodriguez

Soil

Analytical Results For:

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

Received: 09/02/2022 Reported: 09/09/2022

09/02/2022 Sampling Date:
09/09/2022 Sampling Type:
BIG WALT Sampling Condition:

Sample Received By:

Project Number: 03B1417054 Project Location: OXY - EDDY, CO.

Sample ID: FS - 28 0-0.25" (H224051-28)

Project Name:

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	09/06/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/06/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	88.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.3	% 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: OXY - EDDY, CO.

mg/kg

Sample ID: FS - 29 0-0.25" (H224051-29)

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/06/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	21.4	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	88.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.5	% 46.3-17	8						

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Analytical Results For:

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

 Received:
 09/02/2022
 Sampling Date:
 09/02/2022

 Reported:
 09/09/2022
 Sampling Type:
 Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 30 0-0.25" (H224051-30)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/06/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	93.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.9	% 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022 Reported: 09/09/2022

Project Name: BIG WALT
Project Number: 03B1417054
Project Location: OXY - EDDY, CO.

Sampling Date: 09/02/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 31 0-0.25" (H224051-31)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/06/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	85.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.7	% 46.3-17	78						

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09/02/2022

Analytical Results For:

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

Received: 09/02/2022 Sampling Date: Reported: 09/09/2022 Sampling Type:

Reported:09/09/2022Sampling Type:SoilProject Name:BIG WALTSampling Condition:** (See Notes)Project Number:03B1417054Sample Received By:Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 32 0-0.25" (H224051-32)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/06/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	81.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	83.8	% 46.3-17	78						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: **BIG WALT** Sampling Condition: ** (See Notes) Shalyn Rodriguez Project Number: 03B1417054 Sample Received By:

Project Location: OXY - EDDY, CO.

Sample ID: FS - 33 0-0.25" (H224051-33)

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	09/06/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/06/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 69.9-14	0						
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	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	761	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	293	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	70.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	127	% 46.3-17	<i>'</i> 8						

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09/02/2022

Soil

Analytical Results For:

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

Received: 09/02/2022 Sampling Date:

Reported: 09/09/2022 Sampling Type:

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 34 0-0.25" (H224051-34)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/06/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	310	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	115	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	80.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

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09/02/2022

Analytical Results For:

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

Received: 09/02/2022 Sampling Date:

Reported: 09/09/2022 Sampling Type: Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 35 0-0.25" (H224051-35)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	87.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.3	% 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022 Reported: 09/09/2022

09/09/2022 BIG WALT

Project Number: 03B1417054
Project Location: OXY - EDDY, CO.

Sampling Date: 09/02/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 36 0-0.25" (H224051-36)

Project Name:

RTFY 8021R

B1EX 8021B	mg/	кg	Апануге	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	86.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.9	% 46.3-17	8						

Analyzed By: 1H /

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Analytical Results For:

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

 Received:
 09/02/2022
 Sampling Date:
 09/02/2022

 Reported:
 09/09/2022
 Sampling Type:
 Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: OXY - EDDY, CO.

Sample ID: FS - 37 0-0.25" (H224051-37)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 69.9-14	0						
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	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	98.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105	% 46.3-17	78						

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Analytical Results For:

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

Received: 09/02/2022 Reported: 09/09/2022

09/09/2022 BIG WALT 03B1417054

Project Location: OXY - EDDY, CO.

Sampling Date: 09/02/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 38 0-0.25" (H224051-38)

Project Name:

RTFY 8021R

Project Number:

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	83.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.5	% 46.3-17	8						

Analyzed By: 1H /

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09/02/2022

Analytical Results For:

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

Received: 09/02/2022 Sampling Date:

Reported: 09/09/2022 Sampling Type: Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 39 0-0.25" (H224051-39)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	< 0.050	0.050	09/07/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	89.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.4	% 46.3-17	78						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022 Reported: 09/09/2022 Sampling Type: Soil

Project Name: **BIG WALT** Sampling Condition: ** (See Notes) Shalyn Rodriguez Project Number: 03B1417054 Sample Received By:

Project Location: OXY - EDDY, CO.

Sample ID: FS - 40 0-0.25" (H224051-40)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
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	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	85.8 %	45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.0 %	6 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: OXY - EDDY, CO.

Sample ID: FS - 41 0-0.25" (H224051-41)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	QM-07
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	79.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.4	% 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: **BIG WALT** Sampling Condition: ** (See Notes) Sample Received By: Project Number: 03B1417054 Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 42 0-0.25" (H224051-42)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
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	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	97.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105 9	6 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 43 0-0.25" (H224051-43)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	83.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.8	% 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022 Reported: 09/09/2022

09/09/2022 BIG WALT 03B1417054

Project Number: 03B1417054
Project Location: OXY - EDDY, CO.

Sampling Date: 09/02/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 44 0-0.25" (H224051-44)

Project Name:

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 69.9-14	0						
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	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	41.9	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	12.4	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	77.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.9	% 46.3-17	<i>'</i> 8						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022 Reported: 09/09/2022 Sampling Type: Soil

Project Name: **BIG WALT** Sampling Condition: ** (See Notes) Shalyn Rodriguez Project Number: 03B1417054 Sample Received By:

Project Location: OXY - EDDY, CO.

Sample ID: FS - 45 0-0.25" (H224051-45)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
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	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	98.4 %	45.3-16	1						
Surrogate: 1-Chlorooctadecane	114 %	6 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022 Reported: 09/09/2022

Project Name: BIG WALT
Project Number: 03B1417054
Project Location: OXY - EDDY, CO.

Sampling Date: 09/02/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 46 0-0.25" (H224051-46)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
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	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	99.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 46.3-17	8						

Analyzed By: 1H /

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: OXY - EDDY, CO.

Sample ID: FS - 47 0-0.25" (H224051-47)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	82.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.8	% 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil **BIG WALT**

Project Name: Sampling Condition: ** (See Notes) Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez Project Location: OXY - EDDY, CO.

Sample ID: FS - 48 0-0.25" (H224051-48)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	96.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104 9	% 46.3-17	8						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



09/02/2022

Soil

Analytical Results For:

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

Received: 09/02/2022 Sampling Date:

Reported: 09/09/2022 Sampling Type:

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 49 0-0.25" (H224051-49)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	94.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	<i>'</i> 8						

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Celey D. Keene



Sample Received By:

09/02/2022

Shalyn Rodriguez

Analytical Results For:

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

Received: 09/02/2022 Sampling Date:

Reported: 09/09/2022 Sampling Type: Soil
Project Name: BIG WALT Sampling Condition: ** (See Notes)

Project Location: OXY - EDDY, CO.

03B1417054

Sample ID: FS - 50 0-0.25" (H224051-50)

Project Number:

BTEX 8021B	mg,	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 69.9-14	0						
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	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	46.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	15.8	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	88.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	78						

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Celey D. Keene



Shalyn Rodriguez

Analytical Results For:

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

Received: 09/02/2022 Reported: 09/09/2022

 09/02/2022
 Sampling Date:
 09/02/2022

 09/09/2022
 Sampling Type:
 Soil

 BIG WALT
 Sampling Condition:
 ** (See Notes)

Sample Received By:

Project Number: 03B1417054
Project Location: OXY - EDDY, CO.

Sample ID: FS - 51 0-0.25" (H224051-51)

Project Name:

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
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	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	15.8	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	86.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.3	% 46.3-17	78						

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09/02/2022

Analytical Results For:

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

Received: 09/02/2022 Sampling Date:

Reported: 09/09/2022 Sampling Type: Soil Project Name: BIG WALT Sampling Condition: **(

Project Name:BIG WALTSampling Condition:** (See Notes)Project Number:03B1417054Sample Received By:Shalyn RodriguezProject Location:OXY - EDDY, CO.

Sample ID: FS - 52 0-0.25" (H224051-52)

BTEX 8021B	mg,	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	69.9-14	0						
Chloride, SM4500Cl-B	mg,	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	91.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	<i>'8</i>						

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09/02/2022

Shalyn Rodriguez

Sampling Date:

Sample Received By:

Analytical Results For:

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

Received: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil
Project Name: BIG WALT Sampling Condition: ** (See Notes)

Project Number: 03B1417054
Project Location: OXY - EDDY, CO.

Sample ID: FS - 53 0-0.25" (H224051-53)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	79.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.0	% 46.3-17	8						

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09/02/2022

Soil

Analytical Results For:

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

Received: 09/02/2022 Sampling Date:
Reported: 09/09/2022 Sampling Type:

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 54 0-0.25" (H224051-54)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	88.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.3	% 46.3-17	78						

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Shalyn Rodriguez

Sample Received By:

Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil Project Name: **BIG WALT** Sampling Condition: ** (See Notes)

Project Number: 03B1417054 Project Location: OXY - EDDY, CO.

Sample ID: FS - 55 0-0.25" (H224051-55)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 69.9-14	0						
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	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	81.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.9	% 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: OXY - EDDY, CO.

mg/kg

Sample ID: FS - 56 0-0.25" (H224051-56)

BTEX 8021B

DILX GOZID	11197	ng .	Allulyzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	82.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.2	% 46.3-17	8						

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09/02/2022

Soil

Analytical Results For:

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

Received: 09/02/2022 Sampling Date: Reported: 09/09/2022

Sampling Type: Project Name: **BIG WALT** Sampling Condition: ** (See Notes) Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 57 0-0.25" (H224051-57)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	86.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.2	% 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 58 0-0.25" (H224051-58)

BTEX 8021B	mg,	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	87.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.2	% 46.3-17	8						

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Analytical Results For:

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

 Received:
 09/02/2022
 Sampling Date:
 09/02/2022

 Reported:
 09/09/2022
 Sampling Type:
 Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: OXY - EDDY, CO.

Sample ID: FS - 59 0-0.25" (H224051-59)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	97.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106	% 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022

Reported: 09/09/2022
Project Name: BIG WALT
Project Number: 03B1417054

Project Location: OXY - EDDY, CO.

Sampling Date: 09/02/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 60 0-0.25" (H224051-60)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	< 0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	71.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.1	% 46.3-17	78						

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Analytical Results For:

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

Received: 09/02/2022

Reported: 09/09/2022 Project Name: **BIG WALT** Project Number: 03B1417054 Project Location: OXY - EDDY, CO. Sampling Date: 09/02/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes) Shalyn Rodriguez Sample Received By:

Sample ID: FS - 62 0.25-0.5" (H224051-61)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
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	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	87.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104	% 46.3-17	8						

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09/02/2022

Soil

Analytical Results For:

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

Received: 09/02/2022 Sampling Date: Reported: 09/09/2022 Sampling Type:

Project Name: **BIG WALT** Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez Project Number: 03B1417054

Project Location: OXY - EDDY, CO.

Sample ID: FS - 63 0.25-0.5" (H224051-62)

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	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
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	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	87.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106 9	6 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 64 0.25-0.5" (H224051-63)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	76.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.9	% 46.3-17	<i>'</i> 8						

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09/02/2022

Soil

Analytical Results For:

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

Received: 09/02/2022 Sampling Date:
Reported: 09/09/2022 Sampling Type:

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 65 0.25-0.5" (H224051-64)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
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	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	15.3	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	84.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

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Sample Received By:

09/02/2022

Shalyn Rodriguez

Analytical Results For:

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

Received: 09/02/2022 Sampling Date:

03B1417054

Reported: 09/09/2022 Sampling Type: Soil
Project Name: BIG WALT Sampling Condition: ** (See Notes)

Project Location: OXY - EDDY, CO.

Sample ID: FS - 66 0.25-0.5" (H224051-65)

Project Number:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	84.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.6	% 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 67 0.25-0.5" (H224051-66)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
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	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	82.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.3	% 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 68 0.25-0.5" (H224051-67)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
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	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	60.7	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	15.3	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	82.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.2	% 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022 Reported: 09/09/2022

09/09/2022 BIG WALT 03B1417054

Project Location: OXY - EDDY, CO.

Sampling Date: 09/02/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 69 0.25-0.5" (H224051-68)

Project Name:

Project Number:

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	84.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.3	% 46.3-17	<i>'</i> 8						

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Analytical Results For:

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

Received: 09/02/2022 Reported: 09/09/2022

09/09/2022 BIG WALT 03B1417054

Project Location: OXY - EDDY, CO.

Sampling Date: 09/02/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 70 0.25-0.5" (H224051-69)

Project Name:

Project Number:

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
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	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	86.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

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09/02/2022

Analytical Results For:

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

Received: 09/02/2022 Sampling Date:

Reported:09/09/2022Sampling Type:SoilProject Name:BIG WALTSampling Condition:** (See Notes)Project Number:03B1417054Sample Received By:Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 71 0.25-0.5" (H224051-70)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 69.9-14	0						
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	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	75.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.8	% 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: **BIG WALT** Sampling Condition: ** (See Notes) Sample Received By: Project Number: 03B1417054 Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 72 0.25-0.5" (H224051-71)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
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	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	90.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105 9	% 46.3-17	8						

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09/02/2022

Soil

Analytical Results For:

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

Received: 09/02/2022 Sampling Date: Reported: 09/09/2022

Sampling Type: Project Name: **BIG WALT** Sampling Condition: ** (See Notes) Shalyn Rodriguez Project Number: 03B1417054 Sample Received By:

Project Location: OXY - EDDY, CO.

Sample ID: FS - 73 0.25-0.5" (H224051-72)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
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	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	28.4	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	67.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	78.5	% 46.3-17	<i>'</i> 8						

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Analytical Results For:

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

 Received:
 09/02/2022
 Sampling Date:
 09/02/2022

 Reported:
 09/09/2022
 Sampling Type:
 Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 74 0.25-0.5" (H224051-73)

BTEX 8021B	mg,	rky	Апануге	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	15.8	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	80.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.8	% 46.3-17	8						

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09/02/2022

Analytical Results For:

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

Received: 09/02/2022 Sampling Date:

Reported: 09/09/2022 Sampling Type: Soil

Project Name: **BIG WALT** Sampling Condition: ** (See Notes) Shalyn Rodriguez Project Number: 03B1417054 Sample Received By:

Project Location: OXY - EDDY, CO.

Sample ID: FS - 75 0.25-0.5" (H224051-74)

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	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
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	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	206	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	89.1	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	73.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.1	% 46.3-17	<i>'</i> 8						

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Analytical Results For:

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

Received: 09/02/2022 Reported:

09/09/2022 **BIG WALT** Sampling Condition:

Project Number: 03B1417054 Project Location: OXY - EDDY, CO. Sampling Date: 09/02/2022

Sampling Type: Soil

** (See Notes) Shalyn Rodriguez Sample Received By:

Sample ID: FS - 76 0.25-0.5" (H224051-75)

Project Name:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 69.9-14	0						
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	09/07/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	62.4	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	34.4	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	72.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.4	% 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: **BIG WALT** Sampling Condition: ** (See Notes) Sample Received By: Project Number: 03B1417054 Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 77 0.25-0.5" (H224051-76)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
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	09/07/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	57.6	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	16.2	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	67.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	80.1	% 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022

Sampling Date: 09/02/2022 Sampling Type: Soil

Reported: 09/09/2022
Project Name: BIG WALT
Project Number: 03B1417054

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 78 0.25-0.5" (H224051-77)

Analyte Result Reporting Limit Analyzed Method Blank BS Benzene* <0.050 0.050 09/07/2022 ND 1.83 Toluene* <0.050 0.050 09/07/2022 ND 1.90	% Recovery 91.7 95.0 95.5	True Value QC 2.00 2.00	RPD 3.22 3.76	Qualifier
· ·	95.0			
Toluene* <0.050 0.050 09/07/2022 ND 1.90		2.00	2 76	
	95.5		3./0	
Ethylbenzene* <0.050 0.050 09/07/2022 ND 1.91		2.00	3.02	
Total Xylenes* <0.150 0.150 09/07/2022 ND 5.88	98.0	6.00	2.27	
Total BTEX <0.300 0.300 09/07/2022 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 32.0 16.0 09/07/2022 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 09/07/2022 ND 189	94.7	200	2.22	
DRO >C10-C28* <10.0 10.0 09/07/2022 ND 197	98.3	200	2.93	
EXT DRO >C28-C36 <10.0 10.0 09/07/2022 ND				
Surrogate: 1-Chlorooctane 98.0 % 45.3-161				
Surrogate: 1-Chlorooctadecane 116 % 46.3-178				

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Analytical Results For:

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

Received: 09/02/2022 Reported: 09/09/2022

Project Name: BIG WALT
Project Number: 03B1417054
Project Location: OXY - EDDY, CO.

Sampling Date: 09/02/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 79 0.25-0.5" (H224051-78)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	< 0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/07/2022	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	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	81.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.4	% 46.3-17	78						

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Analytical Results For:

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

Received: 09/02/2022 Reported: 09/09/2022

 09/02/2022
 Sampling Date:
 09/02/2022

 09/09/2022
 Sampling Type:
 Soil

Project Name: BIG WALT
Project Number: 03B1417054
Project Location: OXY - EDDY, CO.

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 80 0.25-0.5" (H224051-79)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
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	09/07/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	18.0	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	75.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.9	% 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 81 0.25-0.5" (H224051-80)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
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	09/07/2022	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	09/07/2022	ND	197	98.3	200	0.208	
DRO >C10-C28*	22.7	10.0	09/07/2022	ND	207	103	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	81.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.9	% 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022 Reported: 09/09/2022

Sampling Date: Sampling Type:

Project Name: **BIG WALT** Project Number: 03B1417054 Project Location: OXY - EDDY, CO. Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

09/02/2022

Soil

Sample ID: FS - 82 0.25-0.5" (H224051-81)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.84	92.0	2.00	4.17	
Toluene*	<0.050	0.050	09/07/2022	ND	1.91	95.3	2.00	5.55	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.6	2.00	3.61	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.97	99.5	6.00	4.22	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 %	69.9-14	0						
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	09/07/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	197	98.3	200	0.208	
DRO >C10-C28*	104	10.0	09/07/2022	ND	207	103	200	0.438	
EXT DRO >C28-C36	30.7	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	76.3 9	% 45.3-16	1						

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Surrogate: 1-Chlorooctadecane

Celey D. Keene, Lab Director/Quality Manager

97.1 %

46.3-178



Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 83 0.25-0.5" (H224051-82)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.84	92.0	2.00	4.17	
Toluene*	<0.050	0.050	09/07/2022	ND	1.91	95.3	2.00	5.55	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.6	2.00	3.61	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.97	99.5	6.00	4.22	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	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	09/07/2022	ND	197	98.3	200	0.208	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	207	103	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	83.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.2	% 46.3-17	8						

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Analytical Results For:

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

 Received:
 09/02/2022
 Sampling Date:
 09/02/2022

 Reported:
 09/09/2022
 Sampling Type:
 Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 84 0.25-0.5" (H224051-83)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.84	92.0	2.00	4.17	
Toluene*	<0.050	0.050	09/07/2022	ND	1.91	95.3	2.00	5.55	
Ethylbenzene*	< 0.050	0.050	09/07/2022	ND	1.91	95.6	2.00	3.61	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.97	99.5	6.00	4.22	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	197	98.3	200	0.208	
DRO >C10-C28*	20.2	10.0	09/07/2022	ND	207	103	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	77.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.1	% 46.3-17	78						

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Analytical Results For:

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

 Received:
 09/02/2022
 Sampling Date:
 09/02/2022

 Reported:
 09/09/2022
 Sampling Type:
 Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 85 0.25-0.5" (H224051-84)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.84	92.0	2.00	4.17	
Toluene*	<0.050	0.050	09/07/2022	ND	1.91	95.3	2.00	5.55	
Ethylbenzene*	< 0.050	0.050	09/07/2022	ND	1.91	95.6	2.00	3.61	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.97	99.5	6.00	4.22	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
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	09/07/2022	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	09/07/2022	ND	197	98.3	200	0.208	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	207	103	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	84.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.2	% 46.3-17	78						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 86 0.25-0.5" (H224051-85)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.84	92.0	2.00	4.17	
Toluene*	<0.050	0.050	09/07/2022	ND	1.91	95.3	2.00	5.55	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.6	2.00	3.61	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.97	99.5	6.00	4.22	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	197	98.3	200	0.208	
DRO >C10-C28*	1770	10.0	09/07/2022	ND	207	103	200	0.438	
EXT DRO >C28-C36	593	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	88.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	143	% 46.3-17	78						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 87 0.25-0.5" (H224051-86)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.84	92.0	2.00	4.17	
Toluene*	<0.050	0.050	09/07/2022	ND	1.91	95.3	2.00	5.55	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.6	2.00	3.61	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.97	99.5	6.00	4.22	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	197	98.3	200	0.208	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	207	103	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					
Surrogate: 1-Chlorooctane	77.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.2	% 46.3-17	78						

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Analytical Results For:

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

Received: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 88 0.25-0.5" (H224051-87)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.84	92.0	2.00	4.17	
Toluene*	<0.050	0.050	09/07/2022	ND	1.91	95.3	2.00	5.55	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.6	2.00	3.61	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.97	99.5	6.00	4.22	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	197	98.3	200	0.208	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	207	103	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	89.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.6	% 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022

Reported: 09/09/2022
Project Name: BIG WALT
Project Number: 03B1417054
Project Location: OXY - EDDY, CO.

Sampling Date: 09/02/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 89 0.25-0.5" (H224051-88)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.84	92.0	2.00	4.17	
Toluene*	<0.050	0.050	09/07/2022	ND	1.91	95.3	2.00	5.55	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.6	2.00	3.61	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.97	99.5	6.00	4.22	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	197	98.3	200	0.208	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	207	103	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	79.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.6	% 46.3-17	8						

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Analytical Results For:

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

 Received:
 09/02/2022
 Sampling Date:
 09/02/2022

 Reported:
 09/09/2022
 Sampling Type:
 Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 90 0.25-0.5" (H224051-89)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.84	92.0	2.00	4.17	
Toluene*	<0.050	0.050	09/07/2022	ND	1.91	95.3	2.00	5.55	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.6	2.00	3.61	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.97	99.5	6.00	4.22	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	197	98.3	200	0.208	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	207	103	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	83.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.7	% 46.3-17	8						

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09/02/2022

Soil

Analytical Results For:

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

Received: 09/02/2022 Sampling Date:
Reported: 09/09/2022 Sampling Type:

Project Name: BIG WALT Sampling Condition: ** (See Notes)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 91 0.25-0.5" (H224051-90)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.84	92.0	2.00	4.17	
Toluene*	<0.050	0.050	09/07/2022	ND	1.91	95.3	2.00	5.55	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.6	2.00	3.61	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.97	99.5	6.00	4.22	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	197	98.3	200	0.208	
DRO >C10-C28*	45.6	10.0	09/07/2022	ND	207	103	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	70.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.4	% 46.3-17	8						

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Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(575) 393-2326 FAX (575) 393-2476

Company Name:		BILL TO		ANALYSIS	YSIS REQUEST	EST
Project Manager: Description	To an inch	P.O. #:				
I. Marienfeld St		Company: Oxy USA, Inc.	Inc.			
City: Midland	State: TX Zip: 79701	Attn: Wade Dittrich				
Phone #: 432 230 734	40/ Fax#:	Address:				
Project #:038/4/7054	Project Owner: OXY	City:		0		
W.	1	State: Zip:		0		
Project Location:		Phone #: 575-390-2828	828	43		
Sampler Name: Side	DILLER	Fax #:	m 21			
		ESERV.	SAMPLING	5		
	(C)OMP. ERS		801	nde		-
133-1051	(G)RAB O # CONTA GROUND WASTEW SOIL	OIL SLUDGE OTHER ACID/BASICE / COC		Chi		
1-8-1	0-025 61	x 9-2-2		×		
	0 -	x x y x	11824 K X	K		
3 F5-3	0-25 61	x 9.2.	21826 X X	X		
	025 C	x x 5-2.	2.21828 x x	×		
5-8	0-25 61	K 9-2-1	x x 46820	K		
	1252.0	32-2-58 X X	2832 × ×	×		
7 5-2	025 (1	K 9-2-3	21834 X X	٠.		
8-53 8	0-2501	x x 9-2-3	×	×		
5.53	0-2501	9-2	×	(x		
PLEASE NOTE: Labelly and Damagos. Cardinal's label and being those for nacionary and cardinals including those for nacionary and	By and client's exclusive remany other cause whatsoever	retract or hort, shall be limited to the amounting and received by Cardinal within 30 days.	ust paid by the client for the sys after completion of the applicable	>		
affiliates or successors arising out of or related to the per-	ormance of services hereunder by Cardinal, (eg	ardisess of whether such claim is based upon any of the above stated ressons or otherwise.	Verbal Result: Yes	No .	Add'l Phone #:	
Relinquished By:	Time: Received by:	Right &	ens	. Please provide En	nail address:	
Relinquished By:	Date: Received By:	0	REMARKS:			
Delivered By: (Circle One)	Observed Temp. COO. 70 Samp	Sample Condition CHECKED BY: Cool Intact (Initials)	Turnaround Time:	Standard 150	Bacteria (only) S Cool Intact	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	0	Pes Yes	Thermometer ID #113		Yes Yes	Corrected Terms of

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

Page 93 of 101

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

Company Name:	Ensolum IIIC						BI	LL 70					A	Á	ANALYSIS	REQUEST	NE:	ST				_	
Project Manager:						P.O.	0.#:		4	4		-	\dashv	4		\dashv			\neg	\dashv	\dashv	_	
Address: 601 N	601 N. Marienfeld St. ST	STE 400				Co	Company:	Oxy USA, Inc.					_			_					_	_	
City: Midland		State: TX	Zip:	79	79701	Attn:	1	Wade Dittrich					_								_	_	
Phone #: 732	230 734	// Fax#:				Ad	Address:						_							_	_	_	
Project #: 038	1417054	Project Owner:	0	X	1	City:	у:					0	_		_	_				_	_	_	
Project Name: 4	Big Wal,					State:	ite:	Zip:				0	_		_	_				_		_	
Project Location:	Eddy C					Ph	Phone #: 5	575-390-2828			6	45	_			_						_	
Sampler Name:	4	11461518				Fa	Fax #:			m	21		_							_		_	
FOR LAB USE ONLY				\dashv	MATRIX		PRESERV	SAMPLING	NG	5	30	5											
Lab I.D.	Sample I.D.	Sample Depth	AB OR (C)OMP.	NTAINERS	UNDWATER TEWATER DGE	ER	/BASE: COOL ER :			PH 801	TEX &	Lloride											
100	1-52	0-025	_	-	X	(XI	9-2-22	418	X	X	×	\dashv		4	4			\forall	+		\vdash	208
D.	5-12	0-,25	0	-	×		×	9.2.22	3-58	4	X	K	-							-	_	00	000
Į,	8-13	0-25	0	-	K		×	9.2.22	808	×	X	X			L					-	L		
14	2-7	025	0	~	*		K	12.2.8	118	X	8	X	-			Ĺ				-	L		
OT.	15-15	025	0	~	К		К	155.2.9	813	K	X	K	-		-					+	1		
91	65-16	025	2	~	K		×	32-2-8	815	×	×	ĸ			L				т	-			
57	イング	025	10		* *		< <	9-7-28 817	010	X	K	< <	+		1	1			+	+			
50	7-10	0 - 25	0	-	×		K	2 6	818	×	X	×	-										
<i>غ</i> 0	FS- 20	025	0	-	~		<	9-2-22 8	20	×	×	χ	L			L		Г	\vdash	-	L	L	
PLEASE NOTE: Liability and unalyses. All claims including service. In no event shall Cal	EASE NOTE: Liability and Damages. Cardinal's liability and old lippes. All claims including those for negligence and any other whose, in no event shall Cardinal be liable for incident or consistence when the property of the consistence of the salabation of the salabation of the consistence of the consistence of the salabation of th	client's exclusive rem er cause whatsoever raequental damages.	y dain semed without	arising waked Smilado	edy for any claim axising whether based in contract or tort, shall be limited to the amount paid by the client for the shall be deemed waterd unless made in witing and represent by Cardinal within 30 days after completion of the shall be deemed waterd unless made in witing and represent by Cardinal within 30 care by client, its subsidiaries to be contracted to assess the shall be such claim in branch once one of the above stated rear one or otherwise.	entract or tort ing and recent dons, loss of	t shall be limited wed by Cardinal i I use, or loss of p	to the amount paid by within 30 days after or roffs incurred by clien	amount paid by the client for the 30 days after completion of the applicable rounted by client, its subsidiantes, us stated common or oftendates.	pplicabl	*												
Relinquished By	Maria	Date:	Rec	2 elve	2	0	2	3	Verbal Result:	@ens	☐ Yes nailed.	s	rovide	dd'i F	Add"l Phone #: de Email addre			· *					
Relinquished By:		Date:	Red	BIVE	Received By:			9	REMARKS:														
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	rcle One) Bus - Other:	Carracted Tamp "CZO	500	620	Sample Condition Cool Intact Pes Yes	tion	CHEC	CHECKED BY: T	Turnaround Time: Thermometer ID #113	Time	113	Standard			Bacteria (only) Sample Condition Cool Intact Observed Temp.	(only act	San	serv	ondi ed Te	ample Condition Observed Temp. °C	,		
			5				3		7		7)					y		-	- 0	,		

Page 94 of 101

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 Sal

(575) 393-2326 FAX (575) 393-2476

-			ı									
company Name:	Ensolum, LLC				BILL	11 70					ANALYSIS REQUEST	JEST
Project Manager:					P.O. #:							
Address: 601 N	601 N. Marienfeld St. STE 400	400			Company: (Oxy USA, Inc.	Ċ					
City: Midland		State: TX	Zip:	79701	Attn: Wade Dittrich	Dittrich						
Phone #: 732	130 7344	Fax #:			Address:							
Project #:038	1417054	Project Owner:		V XO	City:					9		
Project Name:	Big Wal					Zip:				00		
Project Location:	Edd, C.				*	575-390-2828	ω		6			
O-maile Manne	1				1			1	1		_	_
Sampler Name:	SIMMIE DI	CCER			Fax #:			n	2			
FOR LAB USE ONLY				MATRIX	PRESERV.	SAMPLING	ING	5	30			
Lab I.D.	Sample I.D.	Sample Depth	(G)RAB OR (C)OMP	# CONTAINERS GROUNDWATER WASTEWATER SOIL DIL	SLUDGE OTHER: ACID/BASE: CE / COOL OTHER:	DATE	TIME .	TPH 801	BTEK &	Chloride		
وا	12 - 21	0-025	0	X	* 1	2822.2.6	128	X	X	X		
87	FS-22	0-,25	0	×.	×	2812.7-6	228	×	X	X		
22	F5-23	0-25	0	, K	×	5	1.21824	×	X	X		
or A	PS- 24	25:-0	0	×	K	12.2-6	220	1	8	X		
R	FS- 25	0-25	0	, ×	ĸ	55.2.7	828	K	X	K		
व्यक	FS- 26	250	0	7 1	ĸ	22	630.	×	×	K		
ع	8-27	025	^	7 . *	×	835-1-6	258	χ	ĸ	K		
28	15-28	025	0	K	×	32-2-6	w	×	X	×		
8	2.2	0 . 25	0	~ ×	K	9-2-22	838	×	x	×		
30	8,30	025	0	1 K	ζ.	22	838	×	×	X		
PLEASE NOTE: Liability and Dan inalyses. All claims including tho service. In na event shall Cardinal efficiets or successors arising out	nages. Cardinal's liability and se for negligence and any off- be liable for incidental or co- of or related to the performa-	clears exclusive remedy for any claim arising whether based in contract or bot, shall be limited to the amount paid by the client for the air cause whetherever shall be deemed waked unclear made in writing and received by Cyalmbal selfats 20 days after computetion of the a sequential diamages, including without limitation, business relamagations, loss of pools in socured by client, its subsidiaries to a services hereunder by Cardinal, regardess of whether such claim is based upon any of the above stated reason or otherwise.	dain emed ethout	arising whether based in con waiwed unless made in writin Irmitation, business interrupti regardless of whether such o	dely for any claim assing whether based in contract or but, shall be limited to the shall be contracted by the shall be limited to the shall be deemed watered unless made in writing and received by Conditional within including without limitation, business interruptions, lossed cut are, of tessed profiles in including without limitation, business anamaging in lossed cut are, of tessed upon any of the above finder by Conditional, regardlesses of whether putch claims is based upon any of the above	, shall be limited to the amount paid by the client for the wed by Cardinal within 30 days after completion of the applicable use or less of profile incurred by client, its subsidiaries, of upon any of the above stated research or otherwise.	by the client for the a completion of the a ent, its subsidiaries, sons or otherwise.	applicab	*			
Relinquished By:	M	Time; SILL	N Rec	Received By:			Verbal Result: ☐ Yes VII Results are emailed. Pk BJennings@ensolum.com	are en	□ Ye nailed	d. Please pr	Verbal Result:	
Relinquished By:		Date:	Rec	Received By:	1000	0	REMARKS:					
		Time:										

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

Cool Intact
Yes H Yes
H No | No

CHECKED BY:

Turnaround Time: Thermometer ID #113

Standard

Bacteria (only) Sample Condition
Cool Intact Observed Temp.

Yes Yes
No Corrected Temp.

Observed Temp. °C Corrected Temp. "C

Page 95 of 101

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

Company Name:	Ensolum, LLC				BI	LL 70					ANA	ANALYSIS REQ	REQUEST	
Project Manager:					P.O. #:				╛	-				
Address: 601 N	601 N. Marienfeld St. S.	STE 400			ny:	Oxy USA, Inc.								
City: Midland		State: TX	Zip:	79701	Attn: Wade	Wade Dittrich				_				
Phone #: 732	230 7344	// Fax #:			Address:					_				
Project #:038	1417054	Project Owner:	0	XX	City:					0				_
Project Name: 8	8.9 Wal					Zip:				00				_
Project Location:	Eddy C	• ,			*	575-390-2828			6	15				
Sampler Name:	SHAWE I	DICCIER			Fax#:			m	21					_
FOR LAB USE ONLY			fP.	MATRIX	PRESERV.	SAMPLING	NG	15	80	15	1			
Lab I.D.	Sample I.D.	Sample Depth	(G)RAB OR (C)OM	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER :	DATE	TIME	TPH 80.		Chlorida				
CJ	FS 31	220-0	0	×	×	3 22.2-6	840	Х	X	X				
Ey.	PS- 32	0-,25	0	×	×	3 12-2-6	148	7	X	X				
CV.	PS- 33	0-25	0	, K	×	25.2	852	×	χ	X				
4	F5-34	25.0	0	` x	K	8-2-22	458	X	8	X				
K	R5-35	025	0	γ ,	K	822.2.8	25856	ĸ.	X	K				
8	65-36	25.0	0	1 8	×	22-	858	×	Ж	K				
2	F5-37	025	1		K	9-2-2-9	900	χ	ĸ	×				
866	85.38	025	10	×	×	9-2-2-9	100	×	×	×				
29		52.0	0	×	K	306 22-3-6	300	×	×	×				
PLEASE NOTE: Liability and [PS- 40 Jamages Cardenal's fability a	0 - 25 nd client's exclusive remedy for a	C	K in contr	or fact shall be limited to	9-2-22 9	903	\times	×	×				L
2 2 2 2	over, not it:	coent's excusive rem her cause whatsoever rissequintal damages, rice of services hereur	y claim a leamed w without is wrdinal, re	based in contr rade in writing ras interruption ether such cla	act or lost, shall be limited to and received by Cardinal wi as, loss of use, or loss of pro im is bassed upon any of the	of the amount paid by the client for the thin 30 days after completion of the fits incurred by client, its subsidiaries above stated reasons or otherwise.	nt paid by the client for the s after completion of the a d by client, its subsidiaries, ad reasons or otherwise.	the applicables.						
Relinquished By:	M	113-30 113-30	∧ Rec	Received By:		All	Verbal Result: All Results are emailed. Ple BJennings@ensolum.com	sult: s are em gs@ens	52 99 8	Please pro	Add"I	☐ No Add'I Phone #: Please provide Email address: om		
Relinquished By:		Date:	Rec	Received By:	. 9	22	REMARKS:	99						
Delivered By: (Circle One)	ele One)	Observed Temp. S	30.7%	Sample Condition	ion CHECKED BY: (Initials)		Turnaround Time:	d Time		Standard		Bacteria (only) Cool Intact	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C	

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

Corrected Temp. °C

Your !

Sampler - UPS - Bus - Other:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(575) 393-2326 FAX (575) 393-2476

Enso	Ensolum IIC				BI	BILL TO					ANA	ANALYSIS R	REQUEST	
Project Manager:					P.O. #:			\dashv	\dashv	\forall				
Address: 601 N. Marienfeld St. STE 400	feld St. STE	400			pany:	Oxy USA, Inc		_		_				
City: Midland		State: TX	Zip:	79701	Attn: Wade Dittrich	Dittrich		_	_					
Phone #: 732 230	7344	Fax #:			Address:			_	_	_				
Project #:0381417	7054	Project Owner:	0	XX	City:			_	2	_				
Project Name: B. 5 6	ilal,				State:	Zip:		_	_	0				_
Project Location: Ed	3,00				Phone #: 5	575-390-2828		_		15				
Sampler Name: 5114	10 31M	CC15 R			Fax #:			m	26	-				
FOR USE ONLY				MATRIX	PRESERV.	SAMPLING	NG	5		5				
Lab I.D. Sam	Sample I.D.	Sample Depth	(G)RAB OR (C)OME	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER :	DATE	TIME	TPH 801	BTEX	Chloride				,
-K-	lh	220-0	0		×	22.2.6	408	X	X	X				
	12 - 53	0-,25	0	×	×	9-2-20	505	X	-	X				
	5h	0-25	6	΄ κ	×	12.	906	,	X	X				
拉村	H	025	0	*	K	22	907	X	8	X				
-	K	025	0	γ '	K	9-2-72	908	*	X	Χ				
	46	025	0	8 8	×	22-	913	×	×	X				
	42	25.0	0	*	^	, 22-2-6	915	χ	K	Χ.				
	HA	025	0	×	×	322-2-6	7/7	X	X	×				
	br 49	0 - 25	0	×	K	61628-2-6	19	×	×	×				
500 5-	50	025	0	K	K		125	×	X	×				
PLEASE NOTE: Lisckly and Damages. Cardinal's labelly and of analyses. All claims including those for negligence and any other service: In no event shall Cardinal be fiable for incidental for constantion or some strains and of or related to the performance affiliation or successors withing out of or related to the performance.	gee. Cardinal's liability and oil for negligence and any other s fable for incidental or conse or related to the performance	ents exclusive remedy for any daim anising who cause whatsoever shall be deemed walved uni quantal damages, including without (mistation, to of services hereunder by Cardinal, repardises	dain a ened w enout is	sing whether based in contractive will be under a made in writing an ideal, or contractive with characters of whether such class and the contractive will be seen to the contractive will be s	I or tort, shall be limited to the amount paid by the client for the of necessarily by Cardinal wildlin. 30 days after completion of the a control true, or loss of profits incurred by client, its subsidiaries is heard sonor any of the above states? resource or otherwise is heard sonor any of the above.	I to the amount paid by the client for the within 30 days after completion of the applicable profits incurred by client, its subsidiaries, he above stated reasons or otherwise.	paid by the client for the offer completion of the a sy client, its subsidiaries	pplicable						
Relinquished By:		Time: 15/4	Rec	Received By:	0		Verbal Result: All Results are emailed. BJennings@ensolum.c	it: @ensolu	V 09 8	□ No ease pro	Add'I	□ No Add'l Phone #: Please provide Email address: om		
Relinquished By:		Date:	Rec	eived By:		20	REMARKS:							
Delivered By: (Circle One)	0	Occarred Temp. Son Jo	1	Sample Condition	CHECKED BY:		Turnaround Time:	Time:	· s	Standard	Z	Bacteria (c	Bacteria (only) Sample Condition	

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

Cool Intact

Observed Temp. °C

Page 97 of 101

Sampler - UPS - Bus - Other:

0

Cool Intact
Ves 1 Yes

oratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Maine:	Ensolum, LLC				BILL	70	1	1		2		PIECT	
Project Manager:					P.O. #:		1	1	$\frac{1}{1}$	- 3	VINAL IOIO KE	עבעטבטו	1
Address: 601 N	601 N. Marienfeld St. STE 400	400			pany:	Oxy USA Inc			_				
City: Midland		State: TX	Zip:	79701	CD	rich		_					
Phone #: 732	130 7344				8					_			
Project #: 038	1417054	Project Owner:	1	OXY	City:				2			_	
Project Name: ∠	Big Wal		- 1						00				
Project I postion	11/2				ciale. Zib:				50		_		
Project Location:	1				Phone #: 575-3	575-390-2828		6	15				
Sampler Name:	SHANE DI	CCIER			Fax #:		w	2/	-				
FOR LAB USE ONLY			ο,	MATRIX	PRESERV.	SAMPLING	5)	30	5				
Lab I.D.	Sample I.D.	Sample Depth)RAB OR (C)OM	CONTAINERS ROUNDWATER ASTEWATER DIL UDGE	HER : ID/BASE: E / COOL HER :		PH 801	BTEK &	Lloride				
2	8.51	0-025	0	K	× 1	-2-22 523	X	X	×	†	1	+	1
S	13-52	025	0	×	x .	53	-	+	K.	1			
S	F5- 85 53	025	0	, K		2-22-5	,	+	X	1			
12	1:4	025	0	*	r 9-	2.2.5	1	-	X	1			
K		0-25	0	~ ×	× 9-	3	7	X	K	1			1
913	F3-56	025	0	7 3		5 22		+	K	+			
127		025	^	7	K 9-	78 22 ·	-	K	X	1			
8		025	0	×	× 9-	1	×	×	×	1			
18	12-50	0 - 25	0	~ ×	· 6 ×	46	×	X	X				
PLEASE NOTE: Liability and Damages	- 60		0	- ×	2-6 ×	2-20 950		X	X				1
analyses. All daims including theorice. In no event shall Cardinaffiliates or successors arising or	ding those for negligence and any other or Cardinal be liable for incidental or consecu- sing out of or related to the performance	charits exclusive remedy for an er cause whatsoever shall be d sequental damages, including sequental damages, including see of services hereunder by C1	y claim eemed without!	analyses. All claims including those for negligence and any other cause witnessey for any claim arising whether based in contract or brit; shall be limited to the amount paid by the client for the nervice. In no event shall Cardinal be liable for incidental or consequental diamages, including without limitation, business interruptions, loss of use, or loss openits incurred points incurred by client, to substitutives, intitudes or successors arising out of or related to the performance of services bereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	ort, shall be limited to the amount p selved by Cardinal within 30 days at of use, or loss of profils incurred by ssed upon any of the above stated	nount paid by the client for t days after completion of the uned by client, its subsidiarie stated reasons or otherwise	he applicable						t
Sheller	M	15.25mm	1 8	Received By:	1010	Verbal Result:	are ema	U 100 II	□ No ease pro	Add'I vide Em	□ No Add'I Phone #: Please provide Email address:		
Relinquished By:		Date:	Rec	Received By:		REMARKS:							
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Delivered By: (Circle One)		Observed Temp. S	1	Sample Condition	CHECKED BY:	Y: Turnaround Time:	Time:	St	Standard	3	Bactoria (only)	Racteria (only) Sample Condition	

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com Bacteria (only) Sample Condition
Cool Intact Observed Temp. °C
| Yes | Yes
| No | No Corrected Temp. °C

Correction Factor -0.5°C

Corrected Temp. °C

Turnaround Time:

Standard

6 Page 98 of 101

ARDINAL aboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum, LLC			BILL TO	9	AN	ANALYSIS REQUEST
Project Manager:			P.O. #:			
Address: 601 N. Marienfeld St. STE	TE 400		Company: Oxy USA,	, Inc.		
City: Midland	State: TX	Zip: 79701	음			
Phone #: 432 230 334	Y Fax #:		Address:	-		
Project #: 038 1417054	Project Owner:	220	City:		_	
Project Name: B. g Wal			State: Zin:		0	
Project Location: Eddy Co	0 -		# 5	828	50	
4	1100					_
e: OM	DICCER	L	1	5		
FOR LAB USE ONLY		P. MATRIX	PRESERV. SA	SAMPLING	15	
Lab I.D. Sample I.D.	Sample Depth	G)RAB OR (C)OME CONTAINERS GROUNDWATER NASTEWATER SOIL DIL SLUDGE	OTHER: ACID/BASE: CE / COOL OTHER:	TPH 80	Chloride	
(0) FS-62	,25.5	2	×	0	<	
Es-63	.255	Λ ×	3-2	955 x		
B F3-64	, 25-,5	2	X 5-2-22	957 x	K	
-	25.5	C ×	22-2-B N	X X 0101 2	X	
-	25-5	×	22-2-8 X	1012 X	×	
	25.5	K	22-2-6 3	X 4101	4	
19 -52	,255	CX	X 9-7-2	X X 910122	X	
12.69	.25-5	У С	x 9.2-22	1018 x	X	
1	1255	×	12-2-26 11	x 0201	×	
20	.255	C	22-2-8 x	2/022 X X	×	
newheet. All claims tookiding those to negligence and any other cause whatboover shall be deemed waked unless made in contract or tort, shall be limited to the amount paid by the client for the service. In no event shall Cardinal be liable for indeemad whatboover shall be deemed waked 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 incursed 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 officencies.	d client's exclusive remedy for any ther cause whatsoever shall be de- onsequental damages, including was ance of services hereunder by Carr	ody) for any claim a rising whether based in contract or tort, shall be lim shall be deemed walved unless made in writing and received by Cardis including without limitation, business interruptions, loss of use, or loss ider by Cardinal, regardless of whether such daim is based upon any	fort, shall be limited to the amount paid eceived by Cardinal within 30 days after is of use, or loss of profits incurred by clif based upon any of the above stated reas	ount paid by the client for the lays after completion of the applicable red by client, its subsideries; tated reasons or otherwise.		
Namidusing ph.	ب	Received By:			S ☐ No Ado	Add'l Phone #: de Email address:
Relinguished By:	1514	lo) drog ye	Res	BJennings@ensolum.com	com	
emidusiieu by.	Time:	Received By:		REMARKS:		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Corrected Tamp. "S	- 10	n CHECKED BY:	Turnaround Time:	Standard Standard Rush	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
FURM-006 R 3.2 10/07/21	2	D. I'm D NO NO	08	-	0,60	No Control Tour

Page 99 of 101

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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Company Name:	Ensolum LLC								_	1	1		8	BILL	1 10		1	1	1	MINALIOIO	19	9		13	7	18	1	1	\dashv		+		1		_		
Project Manager:									-	P.O.	#	1					_		_		_								_		_						
Address: 601 N	601 N. Marienfeld St. STE 400	00							_	င္ပ	de	Company:		0	Oxy USA, Inc.				_		_										_						
City: Midland		State: TX Z	Zip:	7	79701	_			_	Attn:	2	5	ad	6	Wade Dittrich		_				_		_						_		_				_		
Phone #: 432	230 3344	Fax #:							_	Ad	dre	Address:								_									_		_				_		
038	1417054	Project Owner:	0	3	5	1				City:	×								2		_		_		_		_		_						_		
me:	0									State:	16			N	Zip:				00		_		_		_		_		_		_				_		
9	Edd.									Ph	9	Phone #:		57	575-390-2828				45	_	_				_		_		_								
Sampler Name:	G SUAME D	16658								Fax #:	本						5		4	_	_		_		_		_		_								
FOR LAB USE ONLY			-	_	11	-	MATRIX	쯪			P	PRESERV.	뜻	_ <	SAMPLING	NG	301	90	les		_				_		_		_						_		
Lab I.D.	Sample I.D.	Sample Depth)RAB OR (C)OMP	CONTAINERS	ROUNDWATER	ASTEWATER	OIL	IL	LUDGE	THER:	CID/BASE:	CE / COOL		THER:	DATE	TIME	TPH 8		Chlorid																		
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7	K . 3	25.5		0			<					-	*		9-2-22	1028	X	X	X	+	_		_		1		-							+			
7	2.2	75-5		0			×				-	-	7	_	22-2-6	1007	×	×	×	+	-		_											+			
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7:1	84-38	25-5		0			×				_		×		22-2-6	1030	X	×	×	+			-										1	+			
70	F5-79	552		7			75				-	-	1		22-2-6	1034	×	×	×	+												1		+			
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PLEASE NOTE: Liability and analyses. All claims including services in no event shall Case	EASE NOTE: Lability and Damages. Cardinal's liability and cli alyses. All claims including those for negligence and eny other notes. In no event shall Cardinal be liable for incidental or cores	lerifs exclusive remedy for any cause whatsopver shall be de equental damages, including v	7 9 8	am arisis ad wale out limits	en analog whether based in contract or for, shall be annied to be an earlier unless made in writing and received by Cardinal within kut limitation, business interruptions, loss of use, or loss of profits	whether based in cont unless made in writing m, business interruption	hade it v	A 20	of an or	and receive, loss of	d received to	e or	Carde Carde	of pro	30 days after rouned by di	completion of the applicable and, its subsidiaries.	applicat	. *																		-	
Relinquished By	gout of or related to the performance.	Date: 3.308	R) 6 m	Received By	D S	- " #	ther such claim	0	8 2	8	- upon	MAN	9	above stated ress	Verbal Result: 2 Ye All Results are emailed	are er	☐ Yes mailed. F	es I No Add'I Phone #: L Please provide Email address:	o Ad	Add'l Phone #: ide Email addre	all a	dd ne	60 77	275									-2			
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Delivered By: (Circle One)		O	70	20		Co	Sample Condition Cool Intact	SED	1 2 Z	tion		0 -	기도움	1 C	(Initials)	Turnaround Time: Thermometer ID #113	d Time	#113	Standard	. a.		LS E	Ye		Cool Intact	Bacterna (only) Sample Continuous Cool Infact Observed Temp. Yes Yes	O	Ser	200	di	em	Observed Temp. °C	0				
	Other.	1 (3		,		-	Ye	+	1	es		1	J	-		STREET, SQUARE PROPERTY.	1					٦	=		į	,	?	-	2	Cred Temp of	3	,	ń				

Page 100 of 101

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(575) 393-2326	FAX (575) 393-2476	6			ANA	ANALYSIS REQUEST	ST
Company Name: Ensolum, LLC			BILL TO	-			
Project Manager:			P.O. #:			_	
. Marienfeld St.	STE 400		Company: Oxy USA,	Inc.		_	
lidland	State: TX	Zip: 79701	Attn: Wade Dittrich		_	_	_
0	44 Fax #:		Address:				
	Project Owner:	430	City:		0	_	
3			State: Zip:		00	_	
on: Eddy C	0 '		Phone #: 575-390-2828	828	45		
Sampler Name: SHANE	D1666R		Fax #:	L	21		
		MATRIX	PRESERV.	SAMPLING	80		
Lab I.D. Sample I.D.	Sample Depth	G)RAB OR (C)OMP CONTAINERS GROUNDWATER EVASTEWATER GOIL	SLUDGE DTHER: ACID/BASE: CE/COOL DTHER:	TIME	BIEX Chloria		
Bound R' &	.25.5	2			K		
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	nd client's exclusive ram other cause whatsoever		aim arising whether based in outrieux or lock miss or lock miss or lock and all and an arising whether based in writing and received by Cardinial within 35 days sold limited in lock misses made in writing and proceeding by Cardinial within 35 days out limited, business interruptions, loss of use, or loss of profits innumed out limited in the second section of the section of the second section of the se	after comple by client, its	Ecable		
amiliates or successors arising out of or related to the perform	nance of services hereu	Received By:	h dasim is based upon any of the above state	Verbal Result:	☐ Yes ☐ No emailed. Please prov	Add'I Phone #: ide Email address:	
1/1/ Pull	Time:	2000	remois	BJennings@ensolu	gensolum.com		
Refinquished By:	Date:	Received By:		REMARKS:			
	Time:						Sample Condition
Delivered By: (Circle One)	Openivad Temp. "G	Sample Condition	Condition CHECKED BY:		Standard	Cool Intact	Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Tamp. "(Yes No	Correction Facto	\$113 O. (0°C	No No	Corrected Temp. °C
FORM-006 K 3-2 10/07/21	† Cardinal	cannot accept verba	Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	changes to celey	keene@cardinallabsi	nm.com	

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September 08, 2022

BEAUX JENNINGS

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: BIG WALT

Enclosed are the results of analyses for samples received by the laboratory on 09/02/22 15:14.

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/ga/lab accred certif.html.

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

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

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

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

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

08-Sep-22 15:23



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

Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054 Project Manager: BEAUX JENNINGS

Fax To:

FS - 92 0.25-0.5" H224052-01 Soil 02-Sep-22 11:00 02-Sep-22 15:14 FS - 93 0.25-0.5" H224052-02 Soil 02-Sep-22 11:02 02-Sep-22 15:14 FS - 94 0.25-0.5" H224052-03 Soil 02-Sep-22 11:04 02-Sep-22 15:14 FS - 95 0.25-0.5" H224052-04 Soil 02-Sep-22 11:06 02-Sep-22 15:14 FS - 96 0.25-0.5" H224052-05 Soil 02-Sep-22 11:06 02-Sep-22 15:14 FS - 97 0.25-0.5" H224052-06 Soil 02-Sep-22 11:00 02-Sep-22 15:14 FS - 98 0.25-0.5" H224052-06 Soil 02-Sep-22 11:10 02-Sep-22 15:14 FS - 99 0.25-0.5" H224052-07 Soil 02-Sep-22 11:10 02-Sep-22 15:14 FS - 99 0.25-0.5" H224052-08 Soil 02-Sep-22 11:14 02-Sep-22 15:14 FS - 99 0.25-0.5" H224052-08 Soil 02-Sep-22 11:14 02-Sep-22 15:14 FS - 101 0.25-0.5" H224052-09 Soil 02-Sep-22 11:16 02-Sep-22 15:14 FS - 102 0.25-0.5" H224052-10 Soil 02-Sep-22 11:16 02-Sep-22 15:14 FS - 102 0.25-0.5" H224052-10 Soil 02-Sep-22 11:18 02-Sep-22 15:14 FS - 102 0.25-0.5" H224052-11 Soil 02-Sep-22 11:10 02-Sep-22 15:14 FS - 103 0.25-0.5" H224052-11 Soil 02-Sep-22 11:20 02-Sep-22 15:14 FS - 103 0.25-0.5" H224052-12 Soil 02-Sep-22 11:20 02-Sep-22 15:14 FS - 105 0.25-0.5" H224052-13 Soil 02-Sep-22 11:20 02-Sep-22 15:14 FS - 105 0.25-0.5" H224052-13 Soil 02-Sep-22 11:20 02-Sep-22 15:14 FS - 105 0.25-0.5" H224052-13 Soil 02-Sep-22 11:20 02-Sep-22 15:14 FS - 105 0.25-0.5" H224052-15 Soil 02-Sep-22 11:20 02-Sep-22 15:14 FS - 105 0.25-0.5" H224052-15 Soil 02-Sep-22 11:20 02-Sep-22 15:14 FS - 107 0.25-0.5" H224052-15 Soil 02-Sep-22 11:30 02-Sep-22 15:14 FS - 100 0.25-0.5" H224052-15 Soil 02-Sep-22 11:30 02-Sep-22 15:14 FS - 100 0.25-0.5" H224052-15 Soil 02-Sep-22 11:30 02-Sep-22 15:14 FS - 110 0.25-0.5" H224052-19 Soil 02-Sep-22 11:30 02-Sep-22 15:14 FS - 110 0.25-0.5" H224052-19 Soil 02-Sep-22 11:30 02-Sep-22 15:14 FS - 110 0.25-0.5" H224052-19 Soil 02-Sep-22 11:30 02-Sep-22 15:14 FS - 111 0.25-0.5" H224052-20 Soil 02-Sep-22 11:30 02-Sep-22 15:14 FS - 111 0.25-0.5" H224052-21 Soil 02-Sep-22 11:30 02-Sep-22 15:14 FS - 111 0.25-0.5" H224052-21 Soil 02-Sep-22 11:30 02-Sep-22 15:14 FS - 111 0.25-0.5" H224052-21 Soil 02-Sep-22 1	Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
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FS - 114 0.25-0.5"	FS - 112 0.25-0.5"	H224052-21	Soil	02-Sep-22 11:35	02-Sep-22 15:14
FS - 115 0.25-0.5"	FS - 113 0.25-0.5"	H224052-22	Soil	02-Sep-22 11:36	02-Sep-22 15:14
FS - 116 0.25-0.5" H224052-25 Soil 02-Sep-22 11:39 02-Sep-22 15:14 FS - 117 0.25-0.5" H224052-26 Soil 02-Sep-22 11:40 02-Sep-22 15:14	FS - 114 0.25-0.5"	H224052-23	Soil	02-Sep-22 11:37	02-Sep-22 15:14
FS - 117 0.25-0.5" H224052-26 Soil 02-Sep-22 11:40 02-Sep-22 15:14	FS - 115 0.25-0.5"	H224052-24	Soil	02-Sep-22 11:38	02-Sep-22 15:14
00 Sep 20 44.44	FS - 116 0.25-0.5"	H224052-25	Soil	02-Sep-22 11:39	02-Sep-22 15:14
FS - 118 0.25-0.5" H224052-27 Soil 02-Sep-22 11:41 02-Sep-22 15:14	FS - 117 0.25-0.5"	H224052-26	Soil	02-Sep-22 11:40	02-Sep-22 15:14
	FS - 118 0.25-0.5"	H224052-27	Soil	02-Sep-22 11:41	02-Sep-22 15:14

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705		Project Number:	BIG WALT 03B1417054 BEAUX JENNINGS	Reported: 08-Sep-22 15:23
FS - 119 0.25-0.5"	H224052-28	Soil	02-Sep-22 11:42	02-Sep-22 15:14
FS - 120 0.25-0.5"	H224052-29	Soil	02-Sep-22 11:43	02-Sep-22 15:14
FS - 121 0.25-0.5"	H224052-30	Soil	02-Sep-22 11:44	02-Sep-22 15:14
FS - 122 0.25-0.5"	H224052-31	Soil	02-Sep-22 11:45	02-Sep-22 15:14
FS - 123 0.25-0.5"	H224052-32	Soil	02-Sep-22 11:46	02-Sep-22 15:14
FS - 124 0.25-0.5"	H224052-33	Soil	02-Sep-22 11:47	02-Sep-22 15:14
FS - 125 0.25-0.5"	H224052-34	Soil	02-Sep-22 11:48	02-Sep-22 15:14
FS - 126 0.25-0.5"	H224052-35	Soil	02-Sep-22 11:49	02-Sep-22 15:14
FS - 127 0.25-0.5"	H224052-36	Soil	02-Sep-22 11:50	02-Sep-22 15:14
FS - 128 0.25-0.5"	H224052-37	Soil	02-Sep-22 11:51	02-Sep-22 15:14
FS - 129 0.25-0.5"	H224052-38	Soil	02-Sep-22 11:52	02-Sep-22 15:14
FS - 130 0.25-0.5"	H224052-39	Soil	02-Sep-22 11:53	02-Sep-22 15:14
FS - 131 0.25-0.5"	H224052-40	Soil	02-Sep-22 11:54	02-Sep-22 15:14
FS - 132 0.25-0.5"	H224052-41	Soil	02-Sep-22 11:55	02-Sep-22 15:14
FS - 133 0.25-0.5"	H224052-42	Soil	02-Sep-22 11:56	02-Sep-22 15:14
FS - 134 0.25-0.5"	H224052-43	Soil	02-Sep-22 11:57	02-Sep-22 15:14
FS - 135 0.25-0.5"	H224052-44	Soil	02-Sep-22 11:58	02-Sep-22 15:14
FS - 136 0.25-0.5"	H224052-45	Soil	02-Sep-22 11:59	02-Sep-22 15:14
FS - 137 0.25-0.5"	H224052-46	Soil	02-Sep-22 11:59	02-Sep-22 15:14
FS - 138 0.25-0.5"	H224052-47	Soil	02-Sep-22 12:00	02-Sep-22 15:14
FS - 139 0.25-0.5"	H224052-48	Soil	02-Sep-22 12:01	02-Sep-22 15:14
FS - 140 0.25-0.5"	H224052-49	Soil	02-Sep-22 12:02	02-Sep-22 15:14
FS - 141 0.25-0.5"	H224052-50	Soil	02-Sep-22 12:02	02-Sep-22 15:14
FS - 142 0.25-0.5"	H224052-51	Soil	02-Sep-22 12:03	02-Sep-22 15:14
FS - 143 0.25-0.5"	H224052-52	Soil	02-Sep-22 12:04	02-Sep-22 15:14
FS - 144 0.25-0.5"	H224052-53	Soil	02-Sep-22 12:05	02-Sep-22 15:14
FS - 145 0.25-0.5"	H224052-54	Soil	02-Sep-22 12:05	02-Sep-22 15:14
FS - 146 0.25-0.5"	H224052-55	Soil	02-Sep-22 12:06	02-Sep-22 15:14
FS - 147 0.25-0.5"	H224052-56	Soil	02-Sep-22 12:07	02-Sep-22 15:14
FS - 148 0.25-0.5"	H224052-57	Soil	02-Sep-22 12:08	02-Sep-22 15:14

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705		Project Number:	BIG WALT 03B1417054 BEAUX JENNINGS	Reported: 08-Sep-22 15:23
FS - 149 0.25-0.5"	H224052-58	Soil	02-Sep-22 12:08	02-Sep-22 15:14
FS - 150 0.25-0.5"	H224052-59	Soil	02-Sep-22 12:09	02-Sep-22 15:14
FS - 151 0.25-0.5"	H224052-60	Soil	02-Sep-22 12:10	02-Sep-22 15:14
FS - 152 0.25-0.5"	H224052-61	Soil	02-Sep-22 12:11	02-Sep-22 15:14
FS - 153 0.25-0.5"	H224052-62	Soil	02-Sep-22 12:13	02-Sep-22 15:14
FS - 154 0.25-0.5"	H224052-63	Soil	02-Sep-22 12:14	02-Sep-22 15:14
FS - 155 0.25-0.5"	H224052-64	Soil	02-Sep-22 12:15	02-Sep-22 15:14
FS - 156 0.25-0.5"	H224052-65	Soil	02-Sep-22 12:16	02-Sep-22 15:14
FS - 157 0.25-0.5"	H224052-66	Soil	02-Sep-22 12:16	02-Sep-22 15:14
FS - 158 0.25-0.5"	H224052-67	Soil	02-Sep-22 12:17	02-Sep-22 15:14
FS - 159 0.25-0.5"	H224052-68	Soil	02-Sep-22 12:18	02-Sep-22 15:14
FS - 160 0.25-0.5"	H224052-69	Soil	02-Sep-22 12:19	02-Sep-22 15:14
FS - 161 0.25-0.5"	H224052-70	Soil	02-Sep-22 12:20	02-Sep-22 15:14
FS - 61 0-0.25"	H224052-71	Soil	02-Sep-22 09:51	02-Sep-22 15:14
FS - 162 0.25-0.5"	H224052-72	Soil	02-Sep-22 12:21	02-Sep-22 15:14
FS - 163 0.25-0.5"	H224052-73	Soil	02-Sep-22 12:22	02-Sep-22 15:14
FS - 164 0.25-0.5"	H224052-74	Soil	02-Sep-22 12:23	02-Sep-22 15:14
FS - 165 0.25-0.5"	H224052-75	Soil	02-Sep-22 12:24	02-Sep-22 15:14

09/08/22 - The project name was not read correctly on the COC. This is the revised report with the corrected project name and will replace the one sent earlier today, 09/08/22.

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08-Sep-22 15:23



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

Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054 Project Manager: BEAUX JENNINGS

Fax To:

FS - 92 0.25-0.5" H224052-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090714	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090628	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
DRO >C10-C28*	35.6		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
Surrogate: I-Chlorooctane			80.2 %	45.3	-161	2090606	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			93.1 %	46.3	-178	2090606	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

17054 08-Sep-22 15:23

Fax To:

FS - 93 0.25-0.5" H224052-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090714	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090628	JН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		101 %	69.9	-140	2090628	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			75.2 %	45.3	-161	2090606	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			81.3 %	46.3	-178	2090606	MS	07-Sep-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

FS - 94 0.25-0.5" H224052-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090714	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.6 %	69.9	-140	2090628	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			74.2 %	45.3	-161	2090606	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			81.3 %	46.3	-178	2090606	MS	07-Sep-22	8015B	

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Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054 Project Manager: BEAUX JENNINGS

Fax To:

Reported: 08-Sep-22 15:23

FS - 95 0.25-0.5" H224052-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2090714	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		101 %	69.9	-140	2090628	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			71.6 %	45.3	-161	2090606	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			77.8 %	46.3	-178	2090606	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

FS - 96 0.25-0.5" H224052-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds l	oy EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090628	JН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		101 %	69.9	-140	2090628	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			77.8 %	45.3	-161	2090606	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			84.8 %	46.3	-178	2090606	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

FS - 97 0.25-0.5" H224052-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds I	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)	1		99.6 %	69.9	-140	2090628	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			83.3 %	45.3	-161	2090606	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			90.2 %	46.3	-178	2090606	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

FS - 98 0.25-0.5" H224052-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (P	ID)		101 %	69.9	-140	2090628	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
DRO >C10-C28*	101		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	24.8		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			116 %	45.3	-161	2090606	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			133 %	46.3	-178	2090606	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

7054 08-Sep-22 15:23

Fax To:

FS - 99 0.25-0.5" H224052-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds h	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)	1		102 %	69.9	-140	2090628	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
DRO >C10-C28*	25.1		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			84.8 %	45.3	-161	2090606	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			93.8 %	46.3	-178	2090606	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

FS - 100 0.25-0.5" H224052-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090628	JН	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			100 %	69.9	-140	2090628	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
DRO >C10-C28*	54.5		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	15.2		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			84.9 %	45.3	-161	2090606	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			97.1 %	46.3	-178	2090606	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

FS - 101 0.25-0.5" H224052-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	y EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090628	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by Go	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	24.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			88.4 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			101 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

FS - 102 0.25-0.5" H224052-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			118 %	69.9	-140	2090629	JH/	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	110		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	26.7		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			69.7 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			78.9 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

7054 08-Sep-22 15:23

Fax To:

FS - 103 0.25-0.5" H224052-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds h	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			116 %	69.9	-140	2090629	JH/	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			74.3 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			81.6 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

T Reported: 08-Sep-22 15:23

Fax To:

FS - 104 0.25-0.5" H224052-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			116 %	69.9	-140	2090629	JH/	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			62.9 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			69.1 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

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08-Sep-22 15:23



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Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054 Project Manager: BEAUX JENNINGS

Fax To:

H224052-14 (Soil)

FS - 105 0.25-0.5"

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			116 %	69.9	-140	2090629	JH/	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			74.2 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			83.6 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

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Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054 Project Manager: BEAUX JENNINGS

Fax To:

Reported: 08-Sep-22 15:23

FS - 106 0.25-0.5" H224052-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		116 %	69.9	-140	2090629	JH/	07-Sep-22	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			67.2 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			76.5 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

7054 08-Sep-22 15:23

Fax To:

FS - 107 0.25-0.5" H224052-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds l	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			116 %	69.9	-140	2090629	JH/	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			66.9 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			73.5 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

T Reported: 08-Sep-22 15:23

Fax To:

FS - 108 0.25-0.5" H224052-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		117 %	69.9	-140	2090629	JH/	07-Sep-22	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			71.2 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			79.1 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

FS - 109 0.25-0.5" H224052-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			118 %	69.9	-140	2090629	JH/	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			69.7 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			79.0 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

FS - 110 0.25-0.5" H224052-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			116 %	69.9	-140	2090629	JH/	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			69.1 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			79.6 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

FS - 111 0.25-0.5" H224052-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			115 %	69.9	-140	2090629	JH/	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			51.7 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			57.1 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

FS - 112 0.25-0.5" H224052-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			117 %	69.9	-140	2090629	JH/	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			62.6 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			69.1 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

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08-Sep-22 15:23



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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

AUX JENNINGS

Fax To:

FS - 113 0.25-0.5" H224052-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			115 %	69.9	-140	2090629	JH/	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			68.7 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			77.6 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

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Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054 Project Manager: BEAUX JENNINGS

Fax To:

Reported: 08-Sep-22 15:23

FS - 114 0.25-0.5" H224052-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		117 %	69.9	-140	2090629	JH/	07-Sep-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			72.2 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			79.9 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

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Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054 Project Manager: BEAUX JENNINGS

Fax To:

Reported: 08-Sep-22 15:23

FS - 115 0.25-0.5" H224052-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		117 %	69.9	-140	2090629	JH/	07-Sep-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			74.3 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			83.2 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

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Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054 Project Manager: BEAUX JENNINGS

Fax To:

Reported: 08-Sep-22 15:23

FS - 116 0.25-0.5" H224052-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090719	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		116 %	69.9	-140	2090629	JH/	07-Sep-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			69.9 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			78.7 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

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08-Sep-22 15:23



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Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054 Project Manager: BEAUX JENNINGS

Fax To:

FS - 117 0.25-0.5" H224052-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090719	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			117 %	69.9	-140	2090629	JH/	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			57.8 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			64.0 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

7054 08-Sep-22 15:23

Fax To:

FS - 118 0.25-0.5" H224052-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	2090719	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			120 %	69.9	-140	2090629	JH/	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			73.1 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			81.4 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

417054 08-Sep-22 15:23

Fax To:

FS - 119 0.25-0.5" H224052-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2090719	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			116 %	69.9	-140	2090629	JH/	07-Sep-22	8021B	
Petroleum Hydrocarbons by Go	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			62.8 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			69.0 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

08-Sep-22 15:23

Reported:

Fax To:

FS - 120 0.25-0.5" H224052-29 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2090719	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	y EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			116 %	69.9	-140	2090629	JH/	07-Sep-22	8021B	
Petroleum Hydrocarbons by Go	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			76.7 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			85.6 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

17054 08-Sep-22 15:23

Fax To:

FS - 121 0.25-0.5" H224052-30 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2090719	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds b	oy EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			117 %	69.9	-140	2090629	JH/	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			80.3 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			83.0 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

FS - 122 0.25-0.5" H224052-31 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2090719	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method S	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			105 %	69.9	-140	2090630	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			74.8 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			77.6 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054 Project Manager: BEAUX JENNINGS

Fax To:

Reported: 08-Sep-22 15:23

FS - 123 0.25-0.5" H224052-32 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	2090719	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		108 %	69.9	-140	2090630	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			76.2 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			79.2 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

FS - 124 0.25-0.5" H224052-33 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	2090719	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090630	ЈН	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		111 %	69.9	-140	2090630	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			82.3 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			83.7 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager

08-Sep-22 15:23



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

Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054 Project Manager: BEAUX JENNINGS

Fax To:

FS - 125 0.25-0.5" H224052-34 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090719	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	JН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			116 %	69.9	-140	2090630	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			74.3 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			75.7 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

T Reported: 08-Sep-22 15:23

Fax To:

FS - 126 0.25-0.5" H224052-35 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	2090719	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090630	JН	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			109 %	69.9	-140	2090630	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			78.1 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			78.3 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054 Project Manager: BEAUX JENNINGS

Fax To:

Reported: 08-Sep-22 15:23

FS - 127 0.25-0.5" H224052-36 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090719	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	ЈН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	TD)		112 %	69.9	-140	2090630	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			76.9 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			79.4 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054 Project Manager: BEAUX JENNINGS

Fax To:

Reported: 08-Sep-22 15:23

FS - 128 0.25-0.5" H224052-37 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090719	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		112 %	69.9	-140	2090630	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			78.2 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			80.6 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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08-Sep-22 15:23



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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

AUX JENNINGS

Fax To:

FS - 129 0.25-0.5" H224052-38 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090719	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		105 %	69.9	-140	2090630	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			78.1 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			79.0 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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Celey D. Keine



Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054 Project Manager: BEAUX JENNINGS

Fax To:

Reported: 08-Sep-22 15:23

FS - 130 0.25-0.5" H224052-39 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090719	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	JH	07-Sep-22	8021B	
	D)		111 %	69.9	-140	2090630	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			85.8 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			87.4 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

FS - 131 0.25-0.5" H224052-40 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090719	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		111 %	69.9	-140	2090630	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	188		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	47.5		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			80.7 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			89.8 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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08-Sep-22 15:23



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Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054 Project Manager: BEAUX JENNINGS

Fax To:

FS - 132 0.25-0.5" H224052-41 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2090719	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			112 %	69.9	-140	2090630	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by GO	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			81.7 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			84.3 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054 Project Manager: BEAUX JENNINGS

Fax To:

Reported: 08-Sep-22 15:23

FS - 133 0.25-0.5" H224052-42 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	2090719	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		106 %	69.9	-140	2090630	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			77.8 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			79.9 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

FS - 134 0.25-0.5" H224052-43 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	2090719	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	JН	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090630	JН	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			104 %	69.9	-140	2090630	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			81.8 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			87.4 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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08-Sep-22 15:23



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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

AUX JENNINGS

Fax To:

FS - 135 0.25-0.5" H224052-44 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090719	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds I	oy EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090630	ЈН	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		104 %	69.9	-140	2090630	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			83.0 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			84.7 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

FS - 136 0.25-0.5" H224052-45 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090720	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	ЈН	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		102 %	69.9	-140	2090630	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	32.1		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			90.3 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			94.1 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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08-Sep-22 15:23



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Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054 Project Manager: BEAUX JENNINGS

Fax To:

FS - 137 0.25-0.5" H224052-46 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090720	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			103 %	69.9	-140	2090630	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			89.0 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			91.1 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054 Project Manager: BEAUX JENNINGS

Fax To:

Reported: 08-Sep-22 15:23

FS - 138 0.25-0.5" H224052-47 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Labora	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090720	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	ЈН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		104 %	69.9	-140	2090630	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			85.6 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			89.7 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

7054 08-Sep-22 15:23

Fax To:

FS - 139 0.25-0.5" H224052-48 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090720	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			106 %	69.9	-140	2090630	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			86.4 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			89.7 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

FS - 140 0.25-0.5" H224052-49 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090720	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	JН	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			103 %	69.9	-140	2090630	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by GO	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	21.7		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			94.4 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			96.4 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

T Reported: 08-Sep-22 15:23

Fax To:

FS - 141 0.25-0.5" H224052-50 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090720	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			108 %	69.9	-140	2090630	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			78.8 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			81.2 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

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08-Sep-22 15:23



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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

EAUX JENNINGS

Fax To:

FS - 142 0.25-0.5" H224052-51 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090720	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090707	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			86.2 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			89.4 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

FS - 143 0.25-0.5" H224052-52 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090720	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PIL	D)		102 %	69.9	-140	2090707	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	11.7		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			76.4 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			79.8 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

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Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054 Project Manager: BEAUX JENNINGS

Fax To:

Reported: 08-Sep-22 15:23

FS - 144 0.25-0.5" H224052-53 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090720	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	ID)		101 %	69.9	-140	2090707	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			70.1 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			74.3 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054 Project Manager: BEAUX JENNINGS

Fax To:

Reported: 08-Sep-22 15:23

FS - 145 0.25-0.5" H224052-54 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	2090720	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		102 %	69.9	-140	2090707	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			78.7 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			81.1 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

FS - 146 0.25-0.5" H224052-55 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090720	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	JН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			100 %	69.9	-140	2090707	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	43.7		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			87.0 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			104 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

7054 08-Sep-22 15:23

Fax To:

FS - 147 0.25-0.5" H224052-56 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	2090720	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090707	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by Go	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	21.5		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			91.5 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			104 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054 Project Manager: BEAUX JENNINGS

Fax To:

Reported: 08-Sep-22 15:23

FS - 148 0.25-0.5" H224052-57 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090720	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	ID)		101 %	69.9	-140	2090707	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			92.5 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			97.6 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

17054 08-Sep-22 15:23

Fax To:

FS - 149 0.25-0.5" H224052-58 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090720	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	ЈН	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		100 %	69.9	-140	2090707	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			92.0 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			96.7 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

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Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054 Project Manager: BEAUX JENNINGS

Fax To:

Reported: 08-Sep-22 15:23

FS - 150 0.25-0.5" H224052-59 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090720	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	JН	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090707	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by GO	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			98.3 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			103 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

FS - 151 0.25-0.5" H224052-60 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090720	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	3021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090707	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			84.4 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			88.9 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

FS - 152 0.25-0.5" H224052-61 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090720	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090707	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			95.7 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			101 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager

08-Sep-22 15:23



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

Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054 Project Manager: BEAUX JENNINGS

Fax To:

FS - 153 0.25-0.5" H224052-62 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090720	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090707	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			92.0 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			97.5 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

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08-Sep-22 15:23



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Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054 Project Manager: BEAUX JENNINGS

Fax To:

FS - 154 0.25-0.5" H224052-63 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090720	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	ID)		101 %	69.9	-140	2090707	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			88.6 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			92.5 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

T Reported: 08-Sep-22 15:23

Fax To:

FS - 155 0.25-0.5" H224052-64 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090720	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090707	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			86.9 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			91.5 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

FS - 156 0.25-0.5" H224052-65 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090721	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	y EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	JН	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090707	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	25.1		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			91.5 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			95.4 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

FS - 157 0.25-0.5" H224052-66 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090721	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		100 %	69.9	-140	2090707	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			93.9 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			100 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

FS - 158 0.25-0.5" H224052-67 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090721	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			98.2 %	69.9	-140	2090707	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			87.9 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			92.7 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

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Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054 Project Manager: BEAUX JENNINGS

Fax To:

08-Sep-22 15:23

Reported:

FS - 159 0.25-0.5" H224052-68 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090721	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		101 %	69.9	-140	2090707	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			83.5 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			87.5 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

08-Sep-22 15:23



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Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054 Project Manager: BEAUX JENNINGS

Fax To:

FS - 160 0.25-0.5" H224052-69 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090721	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	JН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090707	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			91.3 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			95.0 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

FS - 161 0.25-0.5" H224052-70 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090721	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds l	oy EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	JН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		99.0 %	69.9	-140	2090707	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			76.7 %	45.3	-161	2090620	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			85.2 %	46.3	-178	2090620	MS	07-Sep-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

17054 08-Sep-22 15:23

Fax To:

FS - 61 0-0.25" H224052-71 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090721	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090708	JН	08-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090708	ЈН	08-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			75.8 %	45.3	-161	2090620	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			81.8 %	46.3	-178	2090620	MS	07-Sep-22	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

7054 08-Sep-22 15:23

Fax To:

FS - 162 0.25-0.5" H224052-72 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	2090721	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090708	ЈН	08-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090708	ЈН	08-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		101 %	69.9	-140	2090708	ЈН	08-Sep-22	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			75.3 %	45.3	-161	2090620	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			85.5 %	46.3	-178	2090620	MS	07-Sep-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager

08-Sep-22 15:23



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Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054 Project Manager: BEAUX JENNINGS

Fax To:

FS - 163 0.25-0.5" H224052-73 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090721	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		100 %	69.9	-140	2090708	JH	08-Sep-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			77.8 %	45.3	-161	2090620	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			86.5 %	46.3	-178	2090620	MS	07-Sep-22	8015B	

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Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054 Project Manager: BEAUX JENNINGS

Fax To:

Reported: 08-Sep-22 15:23

FS - 164 0.25-0.5" H224052-74 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090721	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090708	JH	08-Sep-22	8021B	
Petroleum Hydrocarbons by Go	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			84.6 %	45.3	-161	2090620	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			94.0 %	46.3	-178	2090620	MS	07-Sep-22	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

FS - 165 0.25-0.5" H224052-75 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090721	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090708	JН	08-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			100 %	69.9	-140	2090708	ЈН	08-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			80.9 %	45.3	-161	2090620	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			90.1 %	46.3	-178	2090620	MS	07-Sep-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

08-Sep-22 15:23

Fax To:

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2090714 - 1:4 DI Water										
Blank (2090714-BLK1)				Prepared &	Analyzed:	07-Sep-22				
Chloride	ND	16.0	mg/kg							
LCS (2090714-BS1)				Prepared &	Analyzed:	07-Sep-22				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (2090714-BSD1)				Prepared &	Analyzed:	07-Sep-22				
Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20	
Batch 2090718 - 1:4 DI Water										
Blank (2090718-BLK1)				Prepared &	Analyzed:	07-Sep-22				
Chloride	ND	16.0	mg/kg							
LCS (2090718-BS1)				Prepared &	Analyzed:	07-Sep-22				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (2090718-BSD1)				Prepared &	Analyzed:	07-Sep-22				
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	
Batch 2090719 - 1:4 DI Water										
Blank (2090719-BLK1)				Prepared &	z Analyzed:	07-Sep-22				
Chloride	ND	16.0	mg/kg							
LCS (2090719-BS1)				Prepared &	z Analyzed:	07-Sep-22				
Chloride	432	16.0	mg/kg	400	<u> </u>	108	80-120			

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2090719 - 1:4 DI Water										
LCS Dup (2090719-BSD1)				Prepared &	k Analyzed:	07-Sep-22				
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
Batch 2090720 - 1:4 DI Water										
Blank (2090720-BLK1)				Prepared 8	k Analyzed:	07-Sep-22				
Chloride	ND	16.0	mg/kg							
LCS (2090720-BS1)				Prepared &	k Analyzed:	07-Sep-22				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (2090720-BSD1)				Prepared &	k Analyzed:	07-Sep-22				
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
Batch 2090721 - 1:4 DI Water										
Blank (2090721-BLK1)				Prepared &	analyzed:	07-Sep-22				
Chloride	ND	16.0	mg/kg							
LCS (2090721-BS1)				Prepared &	k Analyzed:	07-Sep-22				
Chloride	400	16.0	mg/kg	400		100	80-120			
LCS Dup (2090721-BSD1)				Prepared &	z Analyzed:	07-Sep-22				
Chloride	416	16.0	mg/kg	400		104	80-120	3.92	20	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2090628 - Volatiles										
Blank (2090628-BLK1)				Prepared: ()6-Sep-22 A	Analyzed: (7-Sep-22			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		99.5	69.9-140			
LCS (2090628-BS1)				Prepared: ()6-Sep-22 A	Analyzed: (7-Sep-22			
Benzene	1.84	0.050	mg/kg	2.00		92.0	83.4-122			
Toluene	1.91	0.050	mg/kg	2.00		95.3	84.2-126			
Ethylbenzene	1.91	0.050	mg/kg	2.00		95.6	84.2-121			
m,p-Xylene	4.03	0.100	mg/kg	4.00		101	89.9-126			
o-Xylene	1.94	0.050	mg/kg	2.00		97.0	84.3-123			
Total Xylenes	5.97	0.150	mg/kg	6.00		99.5	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0490		mg/kg	0.0500		98.1	69.9-140			
LCS Dup (2090628-BSD1)				Prepared: ()6-Sep-22 A	Analyzed: (7-Sep-22			
Benzene	1.77	0.050	mg/kg	2.00		88.3	83.4-122	4.17	12.6	
Toluene	1.80	0.050	mg/kg	2.00		90.2	84.2-126	5.55	13.3	
Ethylbenzene	1.84	0.050	mg/kg	2.00		92.2	84.2-121	3.61	13.9	
m,p-Xylene	3.87	0.100	mg/kg	4.00		96.7	89.9-126	4.03	13.6	
o-Xylene	1.85	0.050	mg/kg	2.00		92.6	84.3-123	4.61	14.1	
Total Xylenes	5.72	0.150	mg/kg	6.00		95.4	89.1-124	4.22	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0492		mg/kg	0.0500		98.3	69.9-140			
Batch 2090629 - Volatiles										
Blank (2090629-BLK1)				Prepared: ()6-Sep-22 A	Analyzed: (7-Sep-22			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



%REC

Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Spike

Source

Reported: 08-Sep-22 15:23

RPD

Fax To:

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

ND

ND

ND

ND

0.0551

0.050

0.050

0.150

0.300

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

0.0500

110

69.9-140

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2090629 - Volatiles										
Blank (2090629-BLK1)				Prepared: ()6-Sep-22 A	nalyzed: 0	7-Sep-22			
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0585		mg/kg	0.0500		117	69.9-140			
LCS (2090629-BS1)				Prepared: ()6-Sep-22 A	nalyzed: 0	7-Sep-22			
Benzene	1.80	0.050	mg/kg	2.00		90.1	83.4-122			
Toluene	1.90	0.050	mg/kg	2.00		95.2	84.2-126			
Ethylbenzene	1.92	0.050	mg/kg	2.00		96.0	84.2-121			
m,p-Xylene	4.04	0.100	mg/kg	4.00		101	89.9-126			
o-Xylene	2.02	0.050	mg/kg	2.00		101	84.3-123			
Total Xylenes	6.05	0.150	mg/kg	6.00		101	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0570		mg/kg	0.0500		114	69.9-140			
LCS Dup (2090629-BSD1)				Prepared: ()6-Sep-22 A	nalyzed: 0	7-Sep-22			
Benzene	1.73	0.050	mg/kg	2.00		86.7	83.4-122	3.86	12.6	
Toluene	1.86	0.050	mg/kg	2.00		92.8	84.2-126	2.58	13.3	
Ethylbenzene	1.86	0.050	mg/kg	2.00		92.8	84.2-121	3.37	13.9	
m,p-Xylene	3.87	0.100	mg/kg	4.00		96.6	89.9-126	4.38	13.6	
o-Xylene	1.93	0.050	mg/kg	2.00		96.3	84.3-123	4.59	14.1	
Total Xylenes	5.79	0.150	mg/kg	6.00		96.5	89.1-124	4.45	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0571		mg/kg	0.0500		114	69.9-140			
Batch 2090630 - Volatiles										
Blank (2090630-BLK1)				Prepared: ()6-Sep-22 A	nalyzed: 0	7-Sep-22			
Benzene	ND	0.050	mg/kg							

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Surrogate: 4-Bromofluorobenzene (PID)

Toluene

Ethylbenzene

Total Xylenes

Total BTEX

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



%REC

Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

RPD

Fax To:

Reporting

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Spike

Source

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2090630 - Volatiles										
LCS (2090630-BS1)				Prepared: (06-Sep-22 A	Analyzed: 0	7-Sep-22			
Benzene	1.76	0.050	mg/kg	2.00		87.8	83.4-122			
Toluene	2.16	0.050	mg/kg	2.00		108	84.2-126			
Ethylbenzene	2.14	0.050	mg/kg	2.00		107	84.2-121			
m,p-Xylene	4.46	0.100	mg/kg	4.00		112	89.9-126			
o-Xylene	2.19	0.050	mg/kg	2.00		109	84.3-123			
Total Xylenes	6.65	0.150	mg/kg	6.00		111	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0547		mg/kg	0.0500		109	69.9-140			
LCS Dup (2090630-BSD1)				Prepared: (06-Sep-22 A	Analyzed: 0	7-Sep-22			
Benzene	1.77	0.050	mg/kg	2.00		88.6	83.4-122	0.921	12.6	
Toluene	2.12	0.050	mg/kg	2.00		106	84.2-126	1.69	13.3	
Ethylbenzene	2.17	0.050	mg/kg	2.00		109	84.2-121	1.54	13.9	
m,p-Xylene	4.57	0.100	mg/kg	4.00		114	89.9-126	2.46	13.6	
o-Xylene	2.24	0.050	mg/kg	2.00		112	84.3-123	2.45	14.1	
Total Xylenes	6.82	0.150	mg/kg	6.00		114	89.1-124	2.45	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0559		mg/kg	0.0500		112	69.9-140			
Potob 2000707 Volotilos										
Batch 2090707 - Volatiles										
Blank (2090707-BLK1)				Prepared &	Analyzed:	07-Sep-22				

Blank (2090707-BLK1)				Prepared & Analyz	zed: 07-Sep-22		
Benzene	ND	0.050	mg/kg				
Toluene	ND	0.050	mg/kg				
Ethylbenzene	ND	0.050	mg/kg				
Total Xylenes	ND	0.150	mg/kg				
Total BTEX	ND	0.300	mg/kg				
Surrogate: 4-Bromofluorobenzene (PID)	0.0503		mg/kg	0.0500	101	69.9-140	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



%REC

Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

RPD

Fax To:

Reporting

ND

ND

0.0501

0.150

0.300

mg/kg

mg/kg

mg/kg

0.0500

100

69.9-140

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Spike

Source

		reporting		1						
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2090707 - Volatiles										
LCS (2090707-BS1)				Prepared &	z Analyzed:	07-Sep-22				
Benzene	1.98	0.050	mg/kg	2.00		98.8	83.4-122			
Toluene	1.95	0.050	mg/kg	2.00		97.5	84.2-126			
Ethylbenzene	1.93	0.050	mg/kg	2.00		96.7	84.2-121			
m,p-Xylene	4.02	0.100	mg/kg	4.00		101	89.9-126			
o-Xylene	1.91	0.050	mg/kg	2.00		95.6	84.3-123			
Total Xylenes	5.94	0.150	mg/kg	6.00		98.9	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0487		mg/kg	0.0500		97.5	69.9-140			
LCS Dup (2090707-BSD1)				Prepared &	Analyzed:	07-Sep-22				
Benzene	1.74	0.050	mg/kg	2.00		87.1	83.4-122	12.6	12.6	
Toluene	1.73	0.050	mg/kg	2.00		86.3	84.2-126	12.2	13.3	
Ethylbenzene	1.71	0.050	mg/kg	2.00		85.7	84.2-121	12.1	13.9	
m,p-Xylene	3.60	0.100	mg/kg	4.00		90.1	89.9-126	11.0	13.6	
o-Xylene	1.73	0.050	mg/kg	2.00		86.5	84.3-123	9.94	14.1	
Total Xylenes	5.33	0.150	mg/kg	6.00		88.9	89.1-124	10.7	13.4	BS-
Surrogate: 4-Bromofluorobenzene (PID)	0.0493		mg/kg	0.0500		98.6	69.9-140			
Batch 2090708 - Volatiles										
Blank (2090708-BLK1)				Prepared: 0	7-Sep-22 A	nalyzed: 0	8-Sep-22			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							

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Total Xylenes

Surrogate: 4-Bromofluorobenzene (PID)

Total BTEX

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2090708 - Volatiles										
LCS (2090708-BS1)				Prepared: (7-Sep-22 A	Analyzed: 0	8-Sep-22			
Benzene	1.94	0.050	mg/kg	2.00		96.9	83.4-122			
Toluene	1.93	0.050	mg/kg	2.00		96.4	84.2-126			
Ethylbenzene	1.92	0.050	mg/kg	2.00		95.8	84.2-121			
m,p-Xylene	4.01	0.100	mg/kg	4.00		100	89.9-126			
o-Xylene	1.91	0.050	mg/kg	2.00		95.6	84.3-123			
Total Xylenes	5.92	0.150	mg/kg	6.00		98.7	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0489		mg/kg	0.0500		97.8	69.9-140			
LCS Dup (2090708-BSD1)				Prepared: 0	7-Sep-22 A	analyzed: 0	8-Sep-22			
Benzene	1.97	0.050	mg/kg	2.00		98.4	83.4-122	1.47	12.6	
Toluene	1.94	0.050	mg/kg	2.00		97.1	84.2-126	0.694	13.3	
Ethylbenzene	1.91	0.050	mg/kg	2.00		95.7	84.2-121	0.0946	13.9	
m,p-Xylene	3.98	0.100	mg/kg	4.00		99.6	89.9-126	0.692	13.6	
o-Xylene	1.89	0.050	mg/kg	2.00		94.6	84.3-123	0.978	14.1	
Total Xylenes	5.88	0.150	mg/kg	6.00		97.9	89.1-124	0.784	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0489		mg/kg	0.0500		97.7	69.9-140			

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Celey D. Keine



Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
	Result	Limit	Omo	Level	Result	/UKLC	Limio	IG D	Limit	110103
Batch 2090606 - General Prep - Organics										
Blank (2090606-BLK1)				Prepared: (6-Sep-22 A	nalyzed: 0	7-Sep-22			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	38.6		mg/kg	50.0		77.1	45.3-161			
Surrogate: 1-Chlorooctadecane	42.3		mg/kg	50.0		84.6	46.3-178			
LCS (2090606-BS1)				Prepared: ()6-Sep-22 A	nalyzed: 0	7-Sep-22			
GRO C6-C10	197	10.0	mg/kg	200		98.3	76.8-124			
DRO >C10-C28	207	10.0	mg/kg	200		103	74.9-127			
Total TPH C6-C28	403	10.0	mg/kg	400		101	77.5-124			
Surrogate: 1-Chlorooctane	44.3		mg/kg	50.0		88.7	45.3-161			
Surrogate: 1-Chlorooctadecane	52.8		mg/kg	50.0		106	46.3-178			
LCS Dup (2090606-BSD1)				Prepared: ()6-Sep-22 A	nalyzed: 0	7-Sep-22			
GRO C6-C10	196	10.0	mg/kg	200		98.1	76.8-124	0.208	17.2	
DRO >C10-C28	208	10.0	mg/kg	200		104	74.9-127	0.438	18.6	
Total TPH C6-C28	404	10.0	mg/kg	400		101	77.5-124	0.124	17.6	
Surrogate: 1-Chlorooctane	44.1		mg/kg	50.0		88.3	45.3-161			
Surrogate: 1-Chlorooctadecane	52.1		mg/kg	50.0		104	46.3-178			
Batch 2090607 - General Prep - Organics										
Blank (2090607-BLK1)				Prepared: ()6-Sep-22 A	nalyzed: 0	7-Sep-22			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	34.6		mg/kg	50.0		69.2	45.3-161			
Surrogate: 1-Chlorooctadecane	37.8		mg/kg	50.0		75.6	46.3-178			

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Celey D. Keene



Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2090607 - General Prep - Organ	ics									
LCS (2090607-BS1)				Prepared: (06-Sep-22 A	nalyzed: 0	7-Sep-22			
GRO C6-C10	185	10.0	mg/kg	200		92.6	76.8-124			
DRO >C10-C28	159	10.0	mg/kg	200		79.4	74.9-127			
Total TPH C6-C28	344	10.0	mg/kg	400		86.0	77.5-124			
Surrogate: 1-Chlorooctane	41.0		mg/kg	50.0		82.1	45.3-161			
Surrogate: 1-Chlorooctadecane	45.1		mg/kg	50.0		90.1	46.3-178			
LCS Dup (2090607-BSD1)				Prepared: (06-Sep-22 A	nalyzed: 0	7-Sep-22			
GRO C6-C10	198	10.0	mg/kg	200		98.8	76.8-124	6.47	17.2	
DRO >C10-C28	170	10.0	mg/kg	200		85.0	74.9-127	6.87	18.6	
Total TPH C6-C28	368	10.0	mg/kg	400		91.9	77.5-124	6.65	17.6	
Surrogate: 1-Chlorooctane	41.5		mg/kg	50.0		83.0	45.3-161			
Surrogate: 1-Chlorooctadecane	45.2		mg/kg	50.0		90.4	46.3-178			
Batch 2090618 - General Prep - Organ	ics									
Blank (2090618-BLK1)				Prepared: (06-Sep-22 A	nalyzed: 0	7-Sep-22			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	38.2		mg/kg	50.0		76.5	45.3-161			
Surrogate: 1-Chlorooctadecane	38.5		mg/kg	50.0		77.0	46.3-178			
LCS (2090618-BS1)				Prepared: (06-Sep-22 A	nalyzed: 0	7-Sep-22			
GRO C6-C10	184	10.0	mg/kg	200		92.0	76.8-124			
DRO >C10-C28	178	10.0	mg/kg	200		88.8	74.9-127			
Total TPH C6-C28	362	10.0	mg/kg	400		90.4	77.5-124			
Surrogate: 1-Chlorooctane	43.3		mg/kg	50.0		86.5	45.3-161			
Surrogate: 1-Chlorooctadecane	43.8		mg/kg	50.0		87.7	46.3-178			

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

Fax To:

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2090618 - General Prep - Organics										
LCS Dup (2090618-BSD1)				Prepared: ()6-Sep-22 A	nalyzed: 0	7-Sep-22			
GRO C6-C10	197	10.0	mg/kg	200		98.5	76.8-124	6.87	17.2	
DRO >C10-C28	189	10.0	mg/kg	200		94.7	74.9-127	6.42	18.6	
Total TPH C6-C28	386	10.0	mg/kg	400		96.6	77.5-124	6.65	17.6	
Surrogate: 1-Chlorooctane	47.3		mg/kg	50.0		94.7	45.3-161			
Surrogate: 1-Chlorooctadecane	44.8		mg/kg	50.0		89.7	46.3-178			
Batch 2090619 - General Prep - Organics										
Blank (2090619-BLK1)				Prepared: ()6-Sep-22 A	nalyzed: 0	7-Sep-22			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	40.8		mg/kg	50.0		81.5	45.3-161			
Surrogate: 1-Chlorooctadecane	42.6		mg/kg	50.0		85.1	46.3-178			
LCS (2090619-BS1)				Prepared: ()6-Sep-22 A	nalyzed: 0	7-Sep-22			
GRO C6-C10	182	10.0	mg/kg	200		90.8	76.8-124			
DRO >C10-C28	190	10.0	mg/kg	200		94.9	74.9-127			
Total TPH C6-C28	371	10.0	mg/kg	400		92.9	77.5-124			
Surrogate: 1-Chlorooctane	44.7		mg/kg	50.0		89.5	45.3-161			
Surrogate: 1-Chlorooctadecane	49.3		mg/kg	50.0		98.6	46.3-178			
LCS Dup (2090619-BSD1)				Prepared: ()6-Sep-22 A	nalyzed: 0	7-Sep-22			
GRO C6-C10	189	10.0	mg/kg	200		94.3	76.8-124	3.79	17.2	
DRO >C10-C28	200	10.0	mg/kg	200		100	74.9-127	5.34	18.6	
Total TPH C6-C28	389	10.0	mg/kg	400		97.2	77.5-124	4.58	17.6	
Surrogate: 1-Chlorooctane	49.6		mg/kg	50.0		99.2	45.3-161			
Surrogate: 1-Chlorooctadecane	49.8		mg/kg	50.0		99.5	46.3-178			

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Celey D. Keine



%REC

Analytical Results For:

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

Surrogate: 1-Chlorooctadecane

Project: BIG WALT
Project Number: 03B1417054
Project Manager: BEAUX JENNINGS

Reported: 08-Sep-22 15:23

RPD

Fax To:

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Spike

50.0

99.8

46.3-178

Source

Reporting

49.9

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2090620 - General Prep - Organics										
Blank (2090620-BLK1)				Prepared: (06-Sep-22 A	Analyzed: 0	7-Sep-22			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	39.8		mg/kg	50.0		79.6	45.3-161			
Surrogate: 1-Chlorooctadecane	44.0		mg/kg	50.0		88.0	46.3-178			
LCS (2090620-BS1)				Prepared: (06-Sep-22 A	Analyzed: 0	7-Sep-22			
GRO C6-C10	195	10.0	mg/kg	200		97.6	76.8-124			
DRO >C10-C28	167	10.0	mg/kg	200		83.7	74.9-127			
Total TPH C6-C28	363	10.0	mg/kg	400		90.7	77.5-124			
Surrogate: 1-Chlorooctane	46.4		mg/kg	50.0		92.7	45.3-161			
Surrogate: 1-Chlorooctadecane	50.3		mg/kg	50.0		101	46.3-178			
LCS Dup (2090620-BSD1)				Prepared: (06-Sep-22 A	Analyzed: 0	7-Sep-22			
GRO C6-C10	191	10.0	mg/kg	200		95.5	76.8-124	2.17	17.2	
DRO >C10-C28	179	10.0	mg/kg	200		89.4	74.9-127	6.53	18.6	
Total TPH C6-C28	370	10.0	mg/kg	400		92.4	77.5-124	1.94	17.6	
Surrogate: 1-Chlorooctane	42.7		mg/kg	50.0		85.4	45.3-161			

mg/kg

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Celeg D. Freene



Notes and Definitions

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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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 91 of 99

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	(010) 0202-020	2 1010100	ľ			ANA	ANALYSIS REQUEST	
Company Name:	Ensolum, LLC			9122 10	-			-
Project Manager:				P.O. #:				_
Address: 601 N	601 N. Marienfeld St. STE 400	100		Company: Oxy USA, Inc.	,,	_		_
City: Midland		State: TX ;	Zip: 79701	Attn: Wade Dittrich		_		
Phone #: 432	230 3344	Fax #:		Address:		_		
	1417054	Project Owner:	OXX	City:		0		
	B.g Wel,			State: Zip:		500		
9	Eddy Co			Phone #: 575-390-2828		43		
Sampler Name:	3 SMAME 3	16658		Fax #:	L	21		
FOR LAB USE ONLY		- 1		PRESERV. SAMPLING	801	des		
Lab-I.D.	Sample I.D.	Sample Depth)RAB OR (C)O CONTAINERS ROUNDWATER ASTEWATER DIL	LUDGE THER: CID/BASE: DE / COOL THER:	TPH	Chlori		
- CONTO	F5- G2	.25.5	2	X 9.2-22	1100 ×	X		
2)-	65-93		× 2	22.2.6 ×	1107 X 3	X		
עע	H6-57	. 255	2 2	22-2-6 X	110H x x	*		
FI	15-98	.25-5	× >	22-2-6 3	×	×		
N-	26-50	25-5		1	1108 x x	+		
6	5-97	. 25 5	2	12-2-6	1110 X	+		
7	FS 98	.255		1	11/2 .~	X X		
S X	15-100	.25.5	X 2	72-7-5 X	11			
5	101	. 25 5	C x	22-2-8 x	1110 x 3	X		
PLEASE NOTE: Liability and Dan analyses. All claims including the service in no event shall Cardinal	tages, Cardin te for negliger be liable for i	8 4.0	ny daim arising whether based in cor deemed walved unless made in vritin I without limitation, business interrupti	2 2 2	paid by the client for the after completion of the applicable by client, its subsidisries,			
affiliates or successors arising Relinquished By	ars arising out of or related to the performan	Date:	Received By:	THE SUICE CLASS IS DESIGNED UPON BUY OF BUY MOVE AMONDS.	Verbal Result:	Yes No led. Please prov	Add'I Phone #: ide Email address:	
1	Media	1000 1000 1000 1000 1000 1000 1000 100	Special	ON ST.	BJennings@ensol	um.com		1,5
Relinquished By:	7.	Date:	Received By:		REMARKS:			
	•	Time:					Bacteria (only) Sample Condition	ondition
Delivered By: (Circle One)		Osserved Tamp 'S	Sample Condition Cool intact Cool intact Tyes Tyes	res CHECKED BY:	Thermometer ID #113	RU	Cool Intact	Observed Temp. °C
Sampler - OFS -		A LAMEST MASSACRALIBOR		1111	The state of the s	-	١	

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

Page 92 of 99

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (675) 393-2326 FAX (575) 393-2476

								ANALIGIO DE ACTO
Company Name:	Ensolum, LLC			276.00		1	-	
Project Manager:				7.0. 4		_		
Address: 601 N	601 N. Marienfeld St. STE 400	000		Company: CA	Cay con, me.	_	_	
City: Midland		State: TX	Zip: 79701	Attn: Wade Dittnon	แกดา	_	_	
Phone #: 432	230 3344	Fax #:		Address:		_		
	1417054	Project Owner:	- OXY	City:		_	0	
me:	B.g Wel.			State: Z	Zip:	_	50	
9	Edd, Co			Phone #: 575	575-390-2828	_	45	
Sampler Name:	SHANE D	16668		Fax #:		15	21	
FOR LAB USE ONLY				PRESERV.	SAMPLING	801	des	, 200
Lab I.D.	Sample I.D.	Sample Depth	G)RAB OR (C)O CONTAINERS GROUNDWATE WASTEWATER SOIL DIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	DATE TIME	TPH	BIEX	CATO
ACO NOW	Ca- 107	25-5	2	×	9-2-22 1120	V.	K	X
35	64-103	.25-,5	^	×	211 22.2-6		X	
Z Z	65-104	. 255	2	×	211 22-2-6	×	X	
す(165	25.5	×		711 22-2-	-	X	
N	FS- 106	,255			21/23	20	+	
6	FS- 107	.25.5			(1/12.3.	1	+	
5	FS-108	.25-5	X	×	1-1-20113	2 ×		
\$₫	2010	125.5		×	132.	1	+	
20	111-53	,255	CX	×	1122-2	disret for the	X	
PLEASE NOTE: Liability and Da analyses. All claims including the service. In no event shall Cardin	S 8 3		ert's exclusive remedy for any claim artising whether based in contract or fort, shall be entitled to the cause whateoever shall be deemed watered unless made in writing and received by Cardinal within 30 quental damages, including without limitation, business interruptions, loss of use, or loss of profits incu-	intract or fort, shall be emission to eve an ing and received by Cardinal within 30 florm, loss of use, or loss of profits inco-	days after complianed by client, its stated reasons o	on of the applicat obsidiaries. Onerwise.	F	
Relinquished By:	g out of a related to the performer.	Time:	Received By:	E one	Y	Verbal Result: C All Results are ema BJennings@enso	mailed. Ple solum.com	Verbal Result: Yes No Add" Phone #: All Results are emailed. Please provide Email address: BJennings@ensolum.com
Relinquished By:	7	Date:	Received By:		NEW NEW	KEMAKNO.		
Delivered By: (C	(Circle One)	Observed Temp of	CD.	ondition CHECKED BY:		Turnaround Time:		Standard S Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C
	her:	Corrected Tamp. "(Nes Tres	_ ^	0.7	Thermometer ID	#113	No No Corrected Temp. °C

Relinquished By:

Date:

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



	(575) 393-2326 FA	FAX (575) 393-2476	91							ı	l		١		١		
Company Name:			- 1	- 1			BILL	DT 7		1			ANALYSIS		Ê	REQUEST	1
Project Manager:	Chaorin, Erro					P.O. #:				_		_			_	_	
Address: 601 N	601 N. Marienfeld St. STE 400	00				Company:		Oxy USA, Inc.		_					_		
City: Midland		State: TX Z	Zip:	7	79701	Attn: W	ade l	Wade Dittrich		_		_		_	_		
0	730 3344	Fax #:				Address:				_		_		_	_		_
**	1417054	Project Owner:	0	3	0xx	City:				_		0			_		
Project Name:	Bawal					State:		Zip:		_		00			_	_	
3	Edd Co					Phone #:	U)	575-390-2828		_	6	45			_	_	
Complex Nome:	C SHAPPS	11.660				Fax #:				5	21	4			_	_	
Sampler Name:	DHHMW O.	N	4	4	VIGTAM	PRESERV	FR <	SAMPLING		1	02	5			_	_	
FOR LAB USE ONLY			MP.		NIA) MIN					80	80	de				_	
Lab I.D.	Sample I.D.	Sample Depth	(G)RAB OR (C)O	# CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL	OTHER:	DATE	TIME	TPH	BTEX	Chlori	-			-	
10	12- 12	.25.5		0	8	×		9.2-22 1.	1133	K	K	×	+	1	+	+	
الا	65-113	.25-,5		0	λ	×	^	1 22.2.6	136	×	X	×			+		
E E		. 255		1	X		×	1/22-2-6	1131	×	X	*	+		1	+	
24	15- 115	.25.5		0	ς.		1	9-2-22/1	1138	X	X	X	+	1	1	+	
R	11-57	25-5		0	×		K	122-2	137	×	×	×	+	1	1		
26		257.5		0	K		5	-2-22	140	X	, 1		+	I	1	-	
8	13-118	.255		0	×	-	+	-	141	7	K	X	+	1	1	+	
8	12-13	.25.5		0	×		1	1122-2-6	7 4	X	X	(+	1	1	+	
8	15-120	125-5		0	×		×	12.2.5	243	X	K	ζ ν	+	Ī			
25	121-54	.255		0	x	-	F	C	44	×	X	1	1	İ	1	-	-
PLEASE NOTE: Liability and analyses. All claims including	N.EASE NOTE: Lacify and Damage. Cardinals lacelity and client's exclusive remedy for any claim arrang whether based in control or tor, shall be lamited to the amount paid by the client for the applicable produces. All claims including those for negligance and any other cause whethoever that the deemed whethout invalved in withing and received by Cardinal within 30 days after complation of the applicable.	ent's exclusive remedy for an cause whatsoever shall be of caused damages, including	y clair semac	No.	To exclusive remedy for any chain arising whether based in control or tort, shall be limited to the amount pind by the client for the use of the control or tort, shall be limited to the amount pind by the client for the use whether of the same of the control within 10 whether the the control of the same use whether of the same of the control of the same of the sam	act or tort, shall be and received by C a, loss of use, or h	ardinal ardinal	to the amount paid by the within 30 days after common to the common to t	int paid by the client for the ise after completion of the a id by client, its subpidisries.	pplicab	*						t
service. In no event shall Cas affiliates or successors arising	evice. In no event shall determine the matter or increment in committees or successors arising out of or related to the performance and the performance of the perfor	e of services hereunder by C	Re	6 E	Snal, regardless of whether such da Received By:	en is based upon	any of t	any of the above stated reasons	Verbal Result:	i i	7	es ON	No Add	Add'l Phone #:	50		
/ Jones of the state of the sta	10	Limes C. C. C.		(x	2	2	0	3	BJennings@ensolum.com	@en	solun	Loom	All Kesurs are emailed. Frederic provides. Blennings@ensolum.com				v
Relinquished By		Date:	R	6	Received By:	100	(R	REMARKS:								
			-	1													

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Ves 2 Yes
No 1 No

Sample Condition

CHECKED BY: (Initials)

Turnaround Time:

Standard

meter ID #113

of

Page 94 of 99

Relinquished By:

Date: Time:

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

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Yes 7 Yes
No 1 No

Sample Condition

CHECKED BY: (Initials)

Turnaround Time:

Standard

Bacteria (only) Sample Condition
Cool Intact Observed Temp. °C

Yes Yes
No No Corrected Temp. °C

mometer ID #113

Page 95 of 99

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



Company Name: Ensolute 110			BILL 10		
			The second name of the second na		
Project Manager:			P.O. #:		
Address: 601 N. Marienfeld St. STE 400	TE 400		Company: Oxy USA, Inc.	c.	
City: Midland	State: TX Z	Zip: 79701	Attn: Wade Dittrich		
Phone #: 432 230 334	44 Fax#:		Address:		
	Project Owner:	OXX	City:		
me:			State: Zip:		
on: Eddy	0 1		Phone #: 575-390-2828	6	43
Sampler Name: SHANE	D1665R		Fax #:	5	
0		MATRIX	PRESERV. SAMPLING	801	Jes
Lab I.D. Sample I.D.	Sample Depth	CONTAINERS CONTAINERS CONTAINERS COUNDWATER VASTEWATER COIL COIL COUNDERS	OTHER: ACID/BASE: CE / COOL OTHER:	BTEX	Chlorio
130 100	.25-5	0	×	1155 x x	Y
-	1.	× ×	22.2.b ×	1156 X X	×
U2 65-134	, 25-,5	2	22-2-5 X		*
	.25-5	2	22-2-65 A	1158 × ×	X
2	25-5	C ×	22.2.5 1	1159 X	×
65-	25.5	2	22-2-6 3	1159 X	
451 -54 Lh	. 255	C X	x 9-7-22	1200 ×	× ×
F5-	1.25.5	C ×	22-2-6 X	1201 x	()
	1255	× >	72.7-5 X	1201 X	< ×
141-53 000	,255		2-6 A leaf of presimilary lines and	nt paid by the client for the	
PLEASE NOTE: Liability and Damages Cardinal's liability a analyses. All claims including those for negligence and any service. In no event shall Cardinal be liable for incidental or	other cause whatso consequental dama	claim arteng whether beed in common or emed waked unless made in writing and re ethout limitation, business interruptions, los	sceived by Cardinal within 30 day a of use, or loss of profits incurre	or completion of the applicable client, its subuidantes.	Tr.
affiliates or successions arising out of or related to the per- Relinquished By:	Di C	Received By:	is based upon any of the above sused in	Verbal Result:	Verbal Result: ☐ Yes ☐ No ☐ Add'l Phone #: All Results are emailed. Please provide Email address: Biocologo@executum.com
Relinquished By:	Date: S/4	Received By:	me of	REMARKS:	CONTRACT
	Time:		•		8
Delivered By: (Circle One)	3070	Sample Condition Cool Intact Cyes Tyes	es CHECKED BY:	Turnaround Time: Thermometer ID #113	Standard Deduction (Unity) sample Corrected Temp. "C

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Page 96 of 99

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

-	101000 2020		ľ		1		-					2	SISA IVAN	200	REO	REQUEST	T	
Company Name:	Ensolum, LLC					BILL	010	1	1	1	1	1	-	\dashv	4	4	-	
Project Manager:					P.O. #:				_			_	_	_	_	_	_	
Address: 601 N. N	601 N. Marienfeld St. STE 400	100			Company:		Oxy USA, Inc.		_	_		_	_	_	_	_		
City: Midland		State: TX Z	Zip:	79701	Attn:	Wade Dittrich	ittrich					_	_	_	_			
Phone #: 432	230 3344	Fax #:			Address:	388:						_	_	_			_	
850	1417054	Project Owner:	0	XX	City:						0	_	_		_		_	
	i				State:		Zip:				00	_	_	_			_	
9	Edd, Co				Phone #:		575-390-2828			6	45	_	_					
Sampler Name:	G SWALL	116658			Fax #:	7.7			5	21		_	_	_				
FOR LAB USE ONLY			MP.	MATRIX	79	PRESERV.	SAMPLING	G	801	80	des							
Lab I.D.	Sample I.D.	Sample Depth	(G)RAB OR (C)C # CONTAINERS	GROUNDWATE WASTEWATER SOIL OIL SLUDGE	OTHER :	ICE / COOL OTHER	DATE	TIME	TPH	BTEX	Chlori		-					
NO NO NO	55-142	.25.5	^	4		×	1 22-26	203	K	K	×	+	1					1
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\$	FS-145	25.5	^	×		K	1 22-2-6	205	×	X	X	1	-					+
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<i>₫</i>	PS-148	.255		C ×	İ	×		807	17	1 X	X 7	1						
30%	65-149	.25.5	0 0	XX		* >	132-7-6	5021	×	K ?	×							
3		35-35		X		×	122-2-6	1210	×	X	×	L	L		Γ		-	1
PLEASE NOTE: Liability and Damagne. Cardinal's liability and ollerif's exclusive remedy for any claim arising whether based in contract or lost, shall be limited to the amount paid by the client for the pp_EASE NOTE: Liability and Damagne. Cardinal's liability and client's exclusive remedy for any claim arising whether based by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whetherway within the defined verified unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whetherway within the property of the property o	amages. Cardinal's liability and use for negligence and any off	ar's liability and ollent's exclusive remedy for an noe and any other cause whethouser shall be d holdenial or consequental damages, including	any claim a dedmod w	'ts actuative remedy for any claim arraing whether based in contract or tort, shall be limited to the encurt paid by the client for the use whetscewer shall be dedmed waiwed unless made in writing and received by Cardinal within 30 days after completion of the eretal damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries	d or loft, a nd receive t, loss of u	shall be limited to d by Cardinal w se, or loss of pro	ed to the amount paid by all within 30 days after con f profits incurred by client.	int paid by the client for the ye after completion of the a od by client, its subsidisries.	te applica	8	4	•						
Relinquished By:	ang out of or related to the performa	Date:	Rec	Snal, regardess of whether such data Received By:	m is based	A claim is based upon any of the atome so	ALI	Verbal Result:	s are e	□ Yes	Verbal Result:	provid	Add'I Phone #: ide Email addre	hone iii add	#:			
12 M	1	Time: DIA	S	solde.	3	E .	7	BJennings@ensol	ngs@er	rsolum	Im.com	1						
Relinquished By:		Date:	Rec	Received By:	-		(
Delivered By: (Circle One)		Observed Temp. 1	3,100,5	Sample Condition Cool Intact Yes 1 Yes	lition	CHECK	CHECKED BY: Ti	Turnaround Time: Thermometer ID #1	nd Tim ter ID	#113	Standard			□ Cool	Bacteria (only) Cool Intact Yes Yes	o s y	Bacteria (only) Sample Conolium Cool Intact Observed Temp. °C ☐ Yes ☐ Yes ☐ No Corrected Temp. °C	D 0

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Page 97 of 99

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



any Name: Ensolum, LLC ct Manager: 601 N. Manenfeld St. STE 40 Midland e#: 432 230 3344 ct #: 038 1417 054 ct Name: B. 9 W. 1/ ct Location: E. J. A. N. E. D. pler Name: S. J. A. N. E. D. pler Name: S. J. A. N. E. D.	State: TX Z Fax #: Project Owner:	Zib:	79701 A	P.O. #: Company: (Attn: Wade Address: City: State: Phone #: PRESERV	wade Dittrich zip: zip: *: 575-390-2828	NG	2015	30216	4500		,
ct Manager: ss: 601 N. Marienfeld St. STE 40 Midland e #: 432 230 3344 ct #: 038 1417054 ct Location: E 44 ct Location: E 44 SHANE D Jer Name: SHANE D	t Owner	- 0 2	MATRIX	pany: pany: wad	Dittric	NG	015		s 4500		,
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Midland #: 432 230 3344 ct #: 0381417054 ct Name: B. g. W. L. L. ct Location: E. J. L. C. pler Name: S.MANE D. partice Conv.	t Owner	- 0 <u>a</u>	MATRIX	Wade Wade	Zip:	NG	015		5 4500		,
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B.9 Wal, Co Eddy Co	oject Owner:	- 0		ESER!	Zip: 75-39	ING	015		\$ 4500		,
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Lab I.D. Sample I.D. Sa	Sample Depth	(G)RAB OR (C)C # CONTAINERS	GROUNDWATE WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER :	DATE	TIME	TPH	BTEX	Chlo-		
W 65-182	25.5		2	×	9.2-22		K	K	< <		
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103 R- 1541	25-5	-	3	×	22.2.6	1217	+	X		+	
64 62-155	25.5	-	X	Υ.	23	1213	+	X	(X		
151-53 53	25-5	-		×	3	1016	×	X	5 >		
180 FS-187	25.5	_	x	-	32-2-6	1216	×	. 1	, ,		
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PLEASE NOTE: Lacility and Damages. Cardinal's lacility and client's anahous. All claims including those for negligence and any other causes	exclusive remedy for any whatsoever shall be do	dam a	exclusive remady for any datin satisfact based in contract or tort, shall be limited to the amount paid by the client for the exclusive remady for any datin satisfact based in contract or tort, shall be limited to the amount paid by the client for the applicable set whatsoever shall be deemed water duries a made in writing and received by Cardings within 30 days after completion of the applicable set whatsoever shall be deemed water duries a made in writing and received by Cardings within 30 days after completion of the applicable.	or tort, shall be limited to the received by Cardinal within	il be limited to the amount paid by the client for the by Cardinal within 30 days after completion of the a	nt paid by the client for the s after completion of the a	applicable				
Sinal be liable for incidental or conseque out of or related to the performance of t	hereu	rdinal, r	ether such das	m is based upon any of the above	if the above stated rea	Verbal Result:	ult:	□ Yes	S No Add	Add'l Phone #:	
ished By:	Time: SU	Rec	Received By:	que	3	Verbal Result: Li res All Results are emailed. Ple BJennings@ensolum.com REMARKS:	are em	nailed.	ase prov	email address:	
-	Time:						1				Participated Condition
Delivered By: (Circle One)	305	200	Sample Condition Cool Intact	tion CHECKED BY:	ALIED DV.	Turnaround Time:	d Time		A bushand		ATTICIPATION STORY

60

Page 98 of 99

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240 (575) 393-2376 FAX (575) 393-2476

loro	313) 333-2320 FAN	1010) 000-64	770							
company Name:	Ensolun, LLC	()		BILL TO				ANALYSIS RE	REQUEST	
roject Manager: &	Brawy Serving	2		P.O. #:						
Address: Gol N.	8	st. Suite	0 400	Company: OKy US	USA, inc					
ity: <i>Uidland</i>		な	Zip: 79701	Attn: Wade Dift	Dirtrich					
hone #: 432-230-8344	T	Fax #:		Address:						
roject #: 0381412054		Project Owner:	7	City:						_
roject Name: Big	walt			State: Zip:						
	in: Eddy County			Phone #: 575-390-2626	0-2828		0			
Sampler Name: 5/	Shome Diller	,		Fax #:			50	_	_	
FOR LAB USE ONLY			MATRIX	PRESERV. SAM	SAMPLING		4			
Lab I.D.	Sample I.D.	(in)	OIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	TIME \$0		Chlorides			
7	17-53	0-0.25	~	×	951 X	×	\times			
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	52-165	26-5	8	2	1221	X	8			
	DFE	9/2/22	Sen					,		
					-	1	1			
EASE NOTE: Liability and Damages. Cardinal's liability and cli- layeas. All claims including those for negligence and any other rvice. In no event shall Cardinal be liable for incidental or conse filiatios or successors arising out of or related to the performance	. Cardinal's liability and client's e negligence and any other cause able for incidental or consequent related to the performance of se	atclusive remedy for an whatsoever shall be of tal damages, including invices hereunder by C	ny claim arising whether based in cont deemed walved unless made in writing y without limitation, business interruptio ardinal, regardless of whether such cl	LEASE NOTE: Liability and Damages. Cardinal's liability and client's efficusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the nalyses. All claims including those for negligence and any other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal within 30 days after compision of the applicable revice. In no event shall Cardinal shalls (includental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incoursed by client, its subadianes. Iffliates or successors arising out of or related to the performance of services hereunder by Cardinals, segardless of whether such claim is based upon any of this above stated reasons or otherwise.	aid by the client for the ler completion of the appli client, its subsidiaries, easons or otherwise.	icable				
Relinquished By:		Date:	Received By:			☐ Yes emailed. F	Please pr	Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address:		
Relinquished By:	7 0	Date:	Received By:	9	REMARKS:					
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C 70.7°C	Sample Condition Cool Intact Yes Yes	dition CHECKED BY:	Turnaround Time: Standard Rush Thermometer ID #113 Correction Factor=0.5°C Oct 1	#113 #113	Standard Rush		Bacteria (only) Sample Condition Cool Infact Observed Temp. °C Ves Yes No Corrected Temp. °C	

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October 04, 2022

BEAUX JENNINGS

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: BIG WALT

Enclosed are the results of analyses for samples received by the laboratory on 09/29/22 15:13.

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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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



Analytical Results For:

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

Received: 09/29/2022 Reported: 10/04/2022 Project Name: **BIG WALT** Project Number:

03B1417054 OXY - EDDY, CO. Sampling Date: 09/29/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: FS - 4 1' (H224540-01)

Project Location:

TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	101 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117 %	% 46.3-17	8						

Sample ID: FS - 5 1' (H224540-02)

TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	100	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116	% 46.3-17	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

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

Received: 09/29/2022
Reported: 10/04/2022
Project Name: BIG WALT

Project Name: BIG WALT
Project Number: 03B1417054
Project Location: OXY - EDDY, CO.

Sampling Date: 09/29/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 6 1' (H224540-03)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	104 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	123 9	46.3-17	8						

Sample ID: FS - 7 1' (H224540-04)

TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	81.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.4	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Received: 09/29/2022 Reported: 10/04/2022 Project Name: BIG WALT

Project Name: BIG WALT
Project Number: 03B1417054
Project Location: OXY - EDDY, CO.

Sampling Date: 09/29/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 9 2' (H224540-05)

TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	106	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	122	% 46.3-17	8						

Sample ID: FS - 10 1' (H224540-06)

TPH 8015M Analyte	mg/kg		Analyzed By: MS						
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	101	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117	% 46.3-17	8						

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Analytical Results For:

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

Received: 09/29/2022 Reported: 10/04/2022

Project Name: BIG WALT
Project Number: 03B1417054
Project Location: OXY - EDDY, CO.

Sampling Date: 09/29/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 33 1' (H224540-07)

TPH 8015M Analyte	mg/kg		Analyzed By: MS						
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	89.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

Sample ID: FS - 34 3' (H224540-08)

TPH 8015M Analyte	mg/kg		Analyzed By: MS						
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	105	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	124	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

 Received:
 09/29/2022
 Sampling Date:
 09/29/2022

 Reported:
 10/04/2022
 Sampling Type:
 Soil

Project Name: BIG WALT Sampling Condition: Cool & Intact
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

Sample ID: FS - 75 3' (H224540-09)

TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	129	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	152	% 46.3-17	8						

Sample ID: FS - 82 3' (H224540-10)

TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	137	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	160	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Received: 09/29/2022
Reported: 10/04/2022
Project Name: BIG WALT

Project Name: BIG WALT
Project Number: 03B1417054
Project Location: OXY - EDDY, CO.

Sampling Date: 09/29/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 86 4' (H224540-11)

TPH 8015M	mg/l	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	70.3	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	16.5	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	141 %	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	171 %	6 46.3-17	8						

Sample ID: FS - 98 6' (H224540-12)

TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	141	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	166	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Received: 09/29/2022 Reported: 10/04/2022

Project Name: BIG WALT
Project Number: 03B1417054
Project Location: OXY - EDDY, CO.

Sampling Date: 09/29/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 102 6' (H224540-13)

TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	136	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	160	% 46.3-17	8						

Sample ID: FS - 131 7' (H224540-14)

TPH 8015M	mg/	kg	Analyze	d 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	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	104	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	34.8	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	139 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	182 9	% 46.3-17	8						

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Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

lari	1000-000	10101000-	470				
Company Name:	Ensolum, Ll	0		BILL TO		A	ANALYSIS REQUEST
Project Manager:	C	CAN:MS	9	P.O. #:			
Address: 601 N	8	6	400	Company: OKY ()S	4, 500		
City: Midlam	A	State: 🔀	Zip: POPO A	Attn: Jubale Di	thich \		
Phone #: 432 &	230 3344	Fax #:	A	Address:		_	
Project #: 03/3/4/7054		Project Owner:	OXY	City:		/	
Project Name: 3:0	+ law		,	State: Zip:	7	_	
Project Location:	Edy Can	M	70	# 5	D-2828 N	_	
Sampler Name:	amonthe.	Hackenzie					
9		-	MATRIX	SERV.	SAMPLING		
Lab I.D.	Sample I.D.	Depth.	PRAB OR (C)OMP. CONTAINERS ROUNDWATER ASTEWATER DIL L UDGE THER:	EID/BASE: E / COOL THER :	TPH 80		Cam Cam
_	15-4	1.1	- i	×	X		
2	5-53	11	Clx	72/152/10 X	X 2111		/
cr	1-57	- 1'	C ₁ ×	X GIRAIN	1120 X		/
4	15-2	1.	C - X	21/24/10 X			
. ~	15-9	21	C - ×	x 9/19/12	1130 X		
6	FS-10	- '	CIX	2/195/60 X	1132 X		
· >	15-33	-1-	× - 2	X 9/199/22	1138 X		
000	65-34	S	C - X	K 9/29/22	_		
9	12-27	CV	C - X	X 9/29/27	7		
10	FS-82	31	C 1 X	× 9/29/22			
PLEASE NOTE: Liability and Damages. Cardinal's liability a unalyses. All claims including those for negligence and any envice. In no event shall Cardinal be liable for incidental or	Cardinal's liability and client's ex negligence and any other cause able for incidental or consequents	exclusive remedy for any claim e whatsoever shall be deemed tal damages, including without	**************************************	of, shall be limited to the amount pak selved by Cardinal within 30 days after of use, or loss of profits incurred by c	and paid by the client for the ys after completion of the applicable of by client, its subsidiaries,		
Relinquished By:		Date: -33	Received By:		Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address:	□ No A	Add'l Phone #: ide Email address:
hung	1	Time: 5B	Shouling	Ter y	All results die eilidieu.	Jedse brovide	e chail address.
Relinquished By:	-	Date:	Received By:	0	REMARKS:		
	-	Time:					
Delivered By: (Circle One)		Observed Temp. °C	o s	CHECKED BY:	Turnaround Time: S	Standard Z	Ωm
Sampler - UPS - Bus - Other:		Corrected Temp. °C 0.0°		& A	Thermometer ID #113 Correction Factor -0.5°C		□ Yes □ Yes

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

Company Name: Ensurer Project Manager: Raddress: M. M. M. City: M. M. M. City: M. M. M. City: M. M. M. M. M. M. M. M. M. M. M. M. M.	wm, LLC BUK SEMILES State: Tx SSYY Fax#: Project Owner: H County H County Make	MATRIX	P.O. #: Company: ONY USA, INC Attn: Wode D: Hrich Address: City: State: Zip: Phone #: \$75-390-2828 Fax #: PRESERV. SAMPLING	ANALYSIS REQUEST
	(G)RAB OR (C)OMP.	GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	m m	
12 5	12 - 12	XXXX	9/2402 1220 X 9/24/07 1235 X 9/24/07 1230 X	
	NFE MAGIZZ S			
analyses. All claims including those for negligen service. In no event shall Cardinal be liable for it affiliates or successors arising out of or related to Relinquished By:	Relinquished By: Date: Received By: claim arising whether based in contract or tort, shall be limited to the email waived unless made in writing and received by Cardinal within affoot limitation, business interruptions, loss of use, or loss of profits dinal, regardless of whether such claim is based upon any of the ab Received By:	e amount paid by the client for the 1 all days after completion of the applicable 1 incurred by client, its subsidiaries, tore stated reasons or otherwise. Verbal Result: Yes All Results are emailed.	by the client for the completion of the applicable lent, its subsidiaries, sons or otherwise. Verbal Result: Yes No Add'l Phone #: All Results are emailed. Please provide Email address: REMARKS:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C D, 6 ? Corrected Temp. °C O . 0 ?	Sample Condition CHECKED BY: Cool Intact (Initials) No No	BY: Turnaround Time: Signature	Standard Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No Corrected Temp. °C



October 27, 2022

BEAUX JENNINGS

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: BIG WALT

Enclosed are the results of analyses for samples received by the laboratory on 10/21/22 14:00.

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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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



Analytical Results For:

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

Received: 10/21/2022 Reported: 10/27/2022 Project Name: **BIG WALT** Project Number:

03B1417054 OXY - EDDY, CO. Sampling Date: 10/21/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: SW - 86 0'-4' (H224967-01)

Project Location:

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	3.79	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	220	110	200	13.5	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	83.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.0	% 46.3-17	8						

Sample ID: SW - 98 0'-6' (H224967-02)

TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	3.79	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	220	110	200	13.5	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	71.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.0	% 46.3-17	8						

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Analytical Results For:

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

Received: 10/21/2022 Reported: 10/27/2022

Project Name: BIG WALT
Project Number: 03B1417054
Project Location: OXY - EDDY, CO.

Sampling Date: 10/21/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 102 0'-6' (H224967-03)

TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	3.79	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	220	110	200	13.5	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	66.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	77.6	% 46.3-17	8						

Sample ID: SW - 131 0'-9' (H224967-04)

TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	3.79	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	220	110	200	13.5	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	72.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.8	% 46.3-17	8						

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Analytical Results For:

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

Fax To:

Received: 10/21/2022 Sampling Date: 10/21/2022

Reported: 10/27/2022 Sampling Type: Soil

Project Name: BIG WALT Sampling Condition: Cool & Intact
Project Number: 03B1417054 Sample Received By: Tamara Oldaker

Project Location: OXY - EDDY, CO.

Sample ID: FS - 131 9' (H224967-05)

TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	3.79	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	220	110	200	13.5	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	78.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.5	% 46.3-17	8						

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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

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(575) 393-2326 FAX (575) 393-2476

Company Name: Ensolum, LLC	C	BILL TO	ANALYSIS REQUEST	
Project Manager: Beaux Jennings	ings	P.O. #:		
Address: 601 N Marienfeld Street, Suite 400	reet, Suite 400	Company: Oxy USA Inc.	nc.	
City: Midland	State: TX Zip: 79701	Attn: Wade Dittrich		_
Phone #: 210-219-8858	Fax#:	Address:		
Project #: 03BJH17054	Project Owner: Oxy U.S	SATURE CITY:		
Project Name: B: 1011	COTS	State: Zip:		
Project Location:	Co. New Mexico	Phone #: 575-390-2828	88	
Sampler Name: Braux		Fax#:	<u> </u>	
FOR LAB USE ONLY	U IP.	ESERV.	SAMPLING	
Lab I.D. Sample I.D.	(feet) (feet) (G)RAB OR (C)OMF # CONTAINERS GROUNDWATER	WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	TRK 80	
	7 11.0		X 5541	
3 SW-10.	2 8-6		7560	
-	0-9		_	
\$ 125-131	2	× × × × × × × × × × × × × × × × × × ×	No. T	
S W S S S S S S S S S S S S S S S S S S				
PLEASE NOTE: Liability and Damages. Cardinal's in analyses. All claims including those for negligence service. In one cent shall Cardinal be liable for incidant affiliates or successors attaing out of or related to this	PLEASE NOTE: Lability and Damages. Cardinal's sability 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 analyses. All claims including those for negligence and any other cause whistonever shall be deemed watered unless made in writing and received by Cardinal within 30 days after competion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, unlesses interruptions, loss of use, or loss of profits sourced policini, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardess of whether such claim is based upon any of the above stated reasons or otherwise.	her based in contract or tort, shall be limited to the amount is made in writing and received by Cardinal within 30 days as made in writing and received by Cardinals within 30 days sieness interruptions, loss of use, or loss of profits incurred by which to the source of the above stated five-lifer such daim is based upon any of the above stated in which the such daim is based upon any of the above stated.	ast by the client for the filter control for the applicable filter completion of the applicable y client, the subsidiances.	
Relinquished By:	Date: 10 71/22 Received By:	mone allega	Verbal Result:	
Relinquished By:	Date: Received By:	By:	REMARKS:	
Delivered By: (Circle One) Sampler UPS - Bus - Other:	Corrected Temp. °C 3.2	Sample Condition CHECKED BY: Cool Intact (Initials) A Yes A Yes	Turnaround Time: Standard Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. Thermometer ID #113 Corrected Temp. I No Corrected Temp.	Sorrected Temp. °C



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

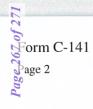
Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	nAPP2235540469
District RP	2RP-9
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible	Responsible Party: Oxy USA Inc. OGRID:			OGRID:	16696			
Contact Name: Wade Dittrich			Contact T	ontact Telephone: 575-390-2828				
Contact email: wade_dittrich@oxy.com				Incident # nAPP2235540469				
Contact mailing address: PO Box 4294, Houston, TX 77210								
			1000	2200-1-0				
			Location	of Re	elease So	ource		
_atitude 32.4	2281		(MAD 02 : - 1		Longitude _			
		25	(NAD 83 in de	ecimal deg	rees to 5 decin	al places)		
Site Name: Big Walt 2 State #008			Site Type: Tank Battery					
Date Release Discovered: 10/04/2007		API# 30-01	5-24509					
Unit Letter	Section	Township Range Co		Coun	ty			
Н	2	22S	24E	Eddy		<u> </u>		
arrace owne		Federal Tr	Nature and	d Vol	ume of I			
Crude Oil	Materia I	l(s) Released (Select al Volume Release		n calculation	ons or specific	justification for the volumes provided below) Volume Recovered (bbls): 0		
□ Produced		Volume Release				Volume Recovered (bbls): 500		
		Is the concentration of dissolved chloride produced water >10,000 mg/l?		in the	Yes No			
Condensa	ite	Volume Released (bbls)				Volume Recovered (bbls)		
Natural G	ias	Volume Release	Volume Released (Mcf)			Volume Recovered (Mcf)		
Other (de	scribe)	Volume/Weight Released (provide units)			Volume/Weight Recovered (provide units)			
		mpressor failed, so p what it could be				n, which blew piping and bottom out of tank. Vacuum		



Received by OCD: 1/11/2023 10:34:29 AM

State of New Mexico Oil Conservation Division

Incident ID	nAPP2235540469	
District RP	2RP-9	
Facility ID		
Application ID		

Was this a major	If YES for what reason(s) does the respo	onsible party consider this a major release?
release as defined by	Release is grater than 25 barrels.	nsione party consider and a major release.
19.15.29.7(A) NMAC?		
✓ Vac □ No		
Yes No		
	otice given to the OCD? By whom? To w	hom? When and by what means (phone, email, etc)?
No, historical release.		
	Initial R	esponse
The responsible	party must undertake the following actions immediate	ly unless they could create a safety hazard that would result in injury
The source of the rele	ease has been stopped.	
The impacted area ha	as been secured to protect human health and	I the environment.
Released materials ha	ave been contained via the use of berms or	dikes, absorbent pads, or other containment devices.
All free liquids and r	ecoverable materials have been removed an	d managed appropriately.
If all the actions describe	d above have <u>not</u> been undertaken, explain	why:
		remediation immediately after discovery of a release. If remediatio
		efforts have been successfully completed or if the release occurre
within a lined containmen	nt area (see 19.15.29.11(A)(5)(a) NMAC), j	please attach all information needed for closure evaluation.
I hereby certify that the info	rmation 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 not	ifications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have
		eat to groundwater, surface water, human health or the environment. In
addition, OCD acceptance of		responsibility for compliance with any other federal, state, or local laws
and/or regulations.		
Printed Name: Wade Ditt	rich	Title: Environmental Specialist
1/1		4
Signature: Want	- Allen	Date: 1-4-23
email: wade_dittrich@ox	v com	Telephone: <u>575-390-2828</u>
eman. <u>wade_dittrien c ox</u>	y.com	1616phone. <u>373-336-2626</u>
OCD Only		
Received by:Jocely	n Harimon	Date:1/11/2023



State of New Mexico Oil Conservation Division

Incident ID	nAPP2235540469
District RP	2RP-9
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?	N/A(ft bgs)		
Did this release impact groundwater or surface water?	☐ Yes ⊠ No		
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ 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)?	☐ Yes ⊠ No		
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ 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?	☐ Yes ⊠ No		
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No		
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No		
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No		
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No		
Are the lateral extents of the release overlying an unstable area such as karst geology?	⊠ Yes □ No		
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No		
Did the release impact areas not on an exploration, development, production, or storage site?	⊠ Yes □ 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 well Field data	S.		
Data table of soil contaminant concentration data Depth to water determination			
☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release ☐ Boring or excavation logs ☐ Photographs including date and GIS information	×		
Photographs including date and GIS information	20 P.		
☐ Topographic/Aerial maps ☐ Laboratory data including chain of custody	023 2:02:20 PM		
	23		
If the site characterization report does not include completed efforts at remediation of the release, the report must include a plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, pro	roposed remediation		
and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are con	itained in Table 1 of		
9.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.	2		



State of New Mexico Oil Conservation Division

Incident ID	nAPP2235540469
District RP	2RP-9
Facility ID	
Application ID	

Released to Imaging: 3/20/2023 2:02:20 PM

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 Signature: Wade Dittrich	Title: Environmental Specialist Date:
email: wade_dittrich@oxy.com	Telephone: <u>575-390-2828</u>
OCD Only	
Received by: Jocelyn Harimon	Date: 1/11/2023



State of New Mexico Oil Conservation Division

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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 ite	ems 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 must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC	District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of a should their operations have failed to adequately investigate and remulation human health or the environment. In addition, OCD acceptance of a compliance with any other federal, state, or local laws and/or regulation restore, reclaim, and re-vegetate the impacted surface area to the confidence with 19.15.29.13 NMAC including notification to the OC	ediate contamination that pose a threat to groundwater, surface water, C-141 report does not relieve the operator of responsibility for ions. The responsible party acknowledges they must substantially ditions that existed prior to the release or their final land use in CD when reclamation and re-vegetation are complete.
Printed Name: Wade Dittrich Signature:	Title: Environmental Specialist
Signature:	Date:/~~~~?
email: wade_dittrich@oxy.com	Telephone: <u>575-390-2828</u>
OCD Only Jocelyn Harimon Received by:	1/11/2023 Date:
remediate contamination that poses a threat to groundwater, surface w party of compliance with any other federal, state, or local laws and/or	f liability should their operations have failed to adequately investigate and ater, human health, or the environment nor does not relieve the responsible regulations. **Magentalian
Closure Approved by: Ashley Maxwell	Date:3/20/2023
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rinted Name: Ashley Maxwell	Title: Environmental Specialist
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	Title: Servironmental Specialist 20070023 2:032 2:022 2:022 2:022 2:022 2:022 2:022 2:022

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

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 175068

CONDITIONS

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	175068
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwel	I None	3/20/2023