

State of New Mexico Oil Conservation Division

Incident ID	nAB1528838615
District RP	2RP-3335
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions

	of a comprehensive report (electronic submittals in .pdf format are preferred) photographs of any excavation prior to backfilling, laboratory data including e remedial activities. Refer to 19.15.29.12 NMAC.
Closure Report Attachment Checklist: Each of the following in	items must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29.	11 NMAC
Photographs of the remediated site prior to backfill or photos 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 OD	C 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 should their operations have failed to adequately investigate and rehuman health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in
Printed Name: Wade Dittrich	Title: Environmental Specialist
Signature: finledallo	Date: 1-4-23
email: wade_dittrich@oxy.com	Telephone: <u>575-390-2828</u>
OCD Only	
Received by:	Date:01/12/2023
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsition regulations.
Closure Approved by: Robert Hamlet	Date: 4/14/2023
Printed Name: Robert Hamlet	Date: 4/14/2023 Date: Environmental Specialist - Advanced 77777 Single 1989 Property 1989 Pro
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CLOSURE REPORT

Property:

2RP-3335 - 9.27.08 (Big Walt 2 State #008)

Eddy County, New Mexico 32.422360° N, 104.461126° W NMOCD Incident ID: nAB1528838615 District RP: 2RP-3335

January 11, 2023 Ensolum Project No. 03B1417070

Prepared for:

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

Prepared by:

Beaux Jennings

Senior Project Manager

Heather Holthaus Senior Project Manager



TABLE OF CONTENTS

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

LIST OF APPENDICES

Appendix A: Figures

Appendix B: Supporting Documentation

Appendix C: Photographic Documentation

Appendix D: Table

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

Appendix F: C-141



CLOSURE REPORT

2RP-3335 - 9.27.08 (Big Walt 2 State #008)

Eddy County, New Mexico 32.422360° N, 104.461126° W NMOCD Incident ID: nAB1528838615 District RP: 2RP-3335

Ensolum Project No. 03B1417070

1.0 INTRODUCTION

1.1 Executive Summary

- Due to the lack of information regarding the release, it is unknown if after the release the impacted soils were remediated at the 2RP-3335 9.27.08 (Big Walt 2 State #008), hereinafter referred to as the "Site".
- On September 27, 2008, approximately 1,000 barrels (bbls) of produced water were released to
 the ground surface. The volume of subsequently recovered fluid is unavailable. 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-3335 - 9.27.08 (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 September 27, 2008, approximately 1,000 bbls of produced water were released to the ground surface. The volume of subsequently recovered fluid is unavailable. 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 fo	or Soils Impacted by a Rel	ease		
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 September 27, 2008, approximately 1,000 bbls of produced water were released to the ground surface. The volume of subsequently recovered fluid is unavailable. 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.

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 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-Cl B.

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



6.0 DATA EVALUATION

Ensolum compared the 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 September 27, 2008, approximately 1,000 bbls of produced water were released to the ground surface. The volume of subsequently recovered fluid is unavailable. 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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- 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.
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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.



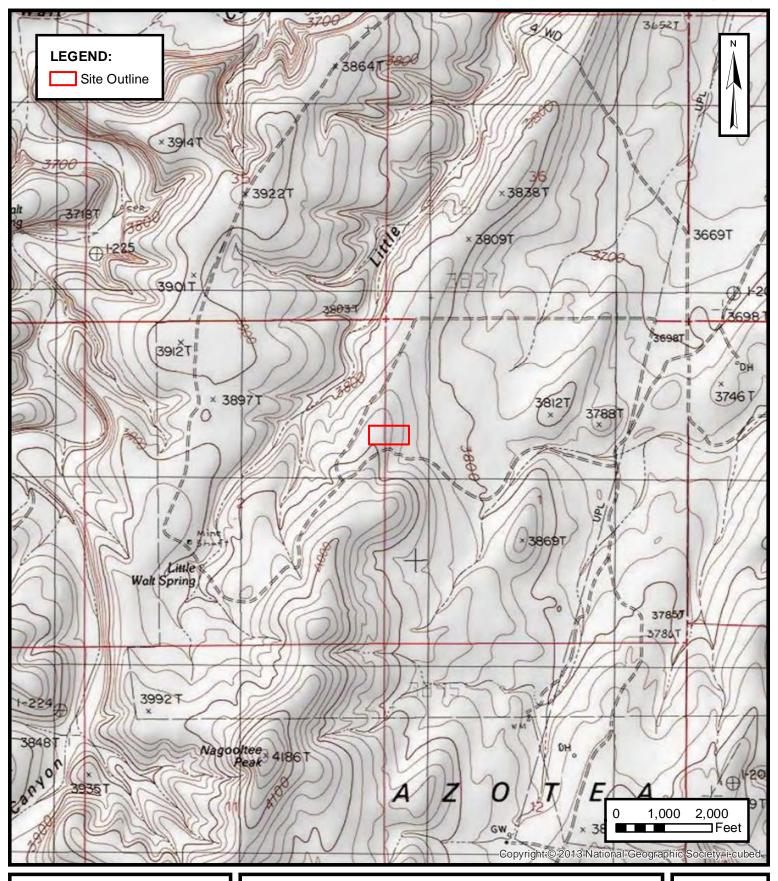
9.3 Reliance

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





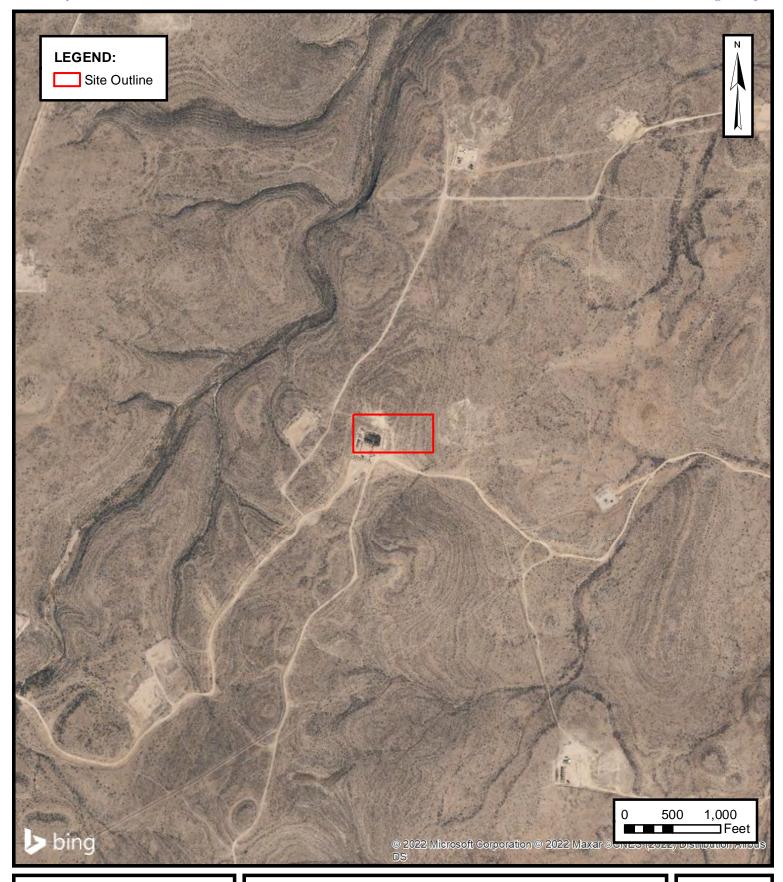
TOPOGRAPHIC MAP

OXY USA INC. 2RP-3335 - 9.27.08 (Big Walt 2 State #008) Eddy County, New Mexico 32.422360° N, 104.461126° W

PROJECT NUMBER: 03B1417070

FIGURE

1





SITE VICINITY MAP

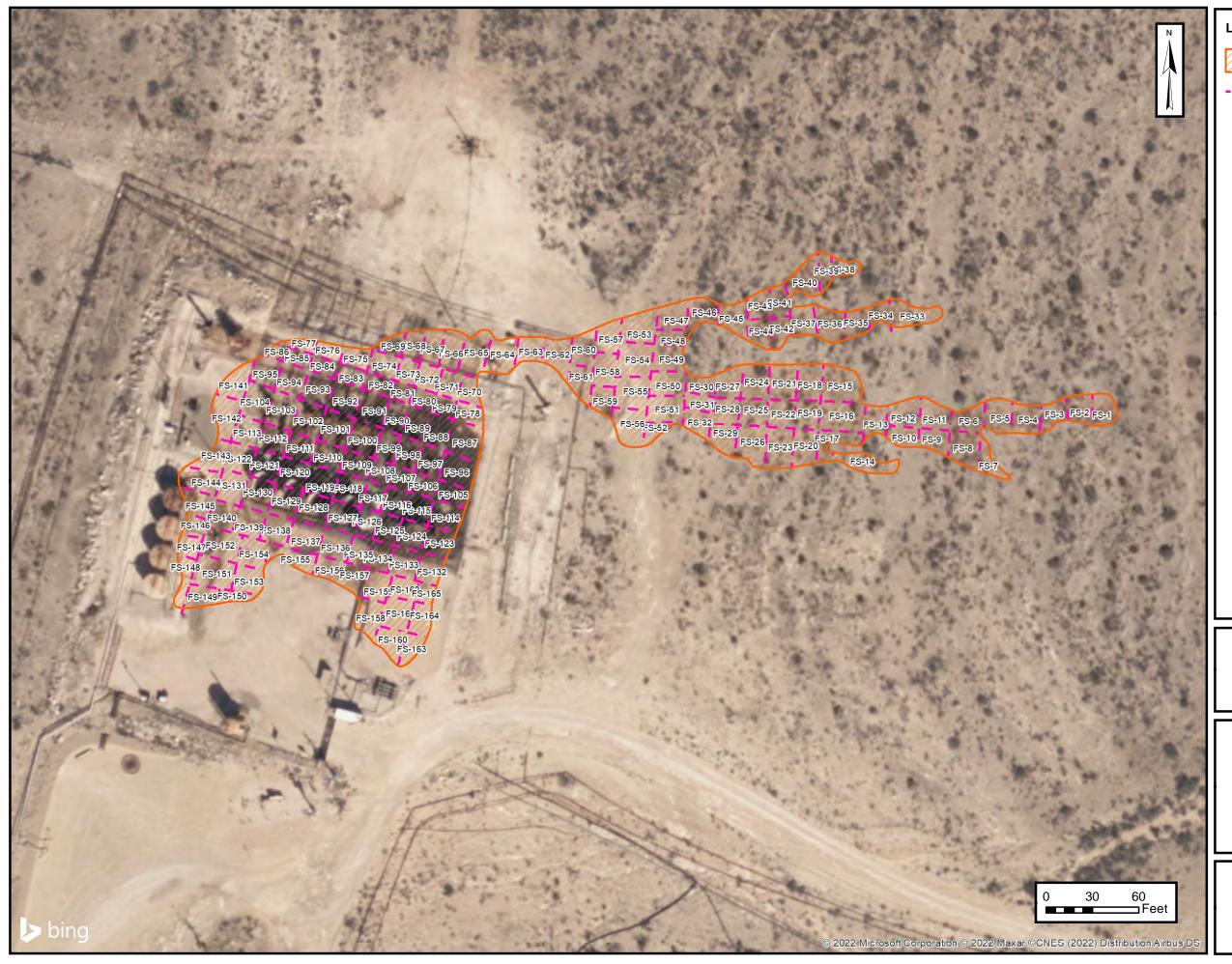
OXY USA INC. 2RP-3335 - 9.27.08 (Big Walt 2 State #008) Eddy County, New Mexico 32.422360° N, 104.461126° W

PROJECT NUMBER: 03B1417070

FIGURE

2

Page 14 of 262 Received by OCD: 1/11/2023 1:24:11 PM







Release Extent

Soil Sampling Grid Boundary



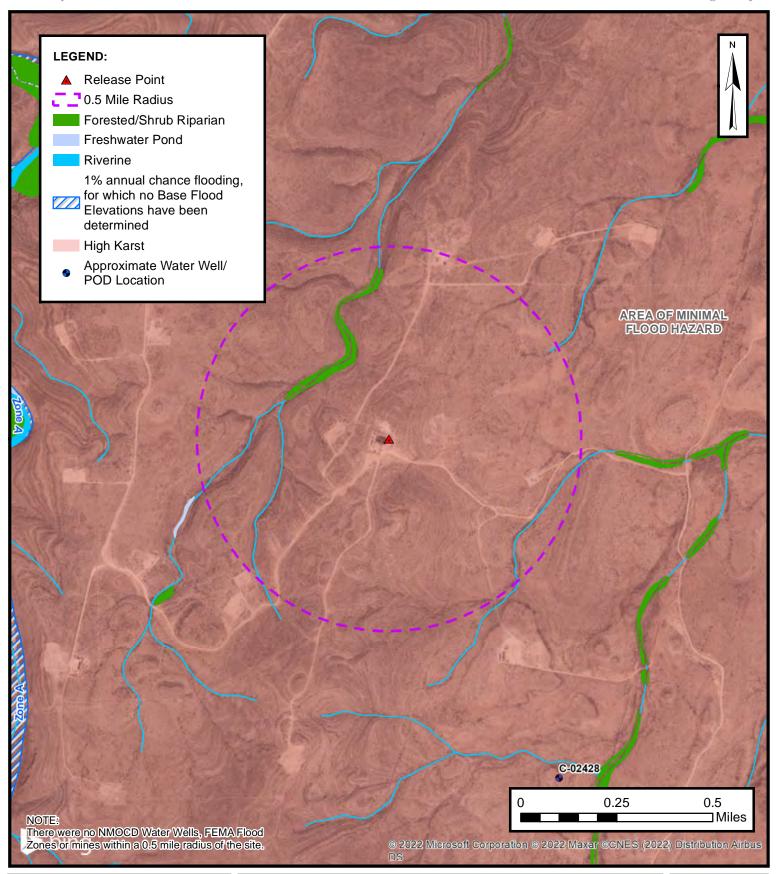
SITE MAP

OXY USA INC. 2RP-3335 - 9.27.08 (Big Walt 2 State #008)

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

FIGURE

PROJECT NUMBER: 03B1417070





CLOSURE CRITERIA MAP

OXY USA INC. 2RP-3335 - 9.27.08 (Big Walt 2 State #008) Eddy County, New Mexico 32.422360° N, 104.461126° W

PROJECT NUMBER: 03B1417070

FIGURE

4



APPENDIX B

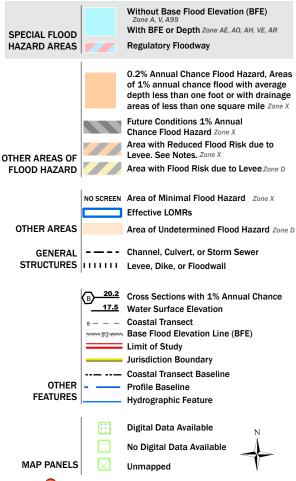
Supporting Documentation

National Flood Hazard Layer FIRMette





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



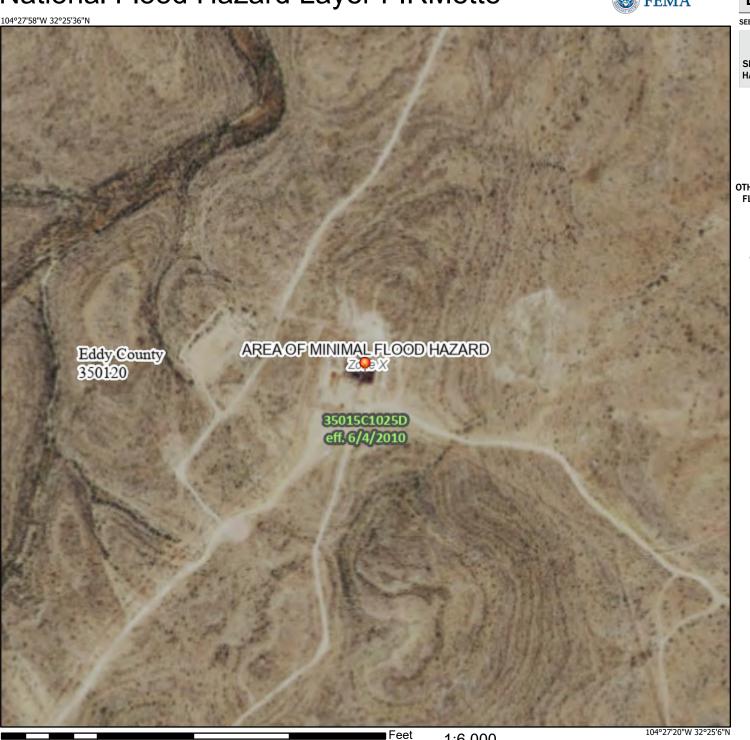
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

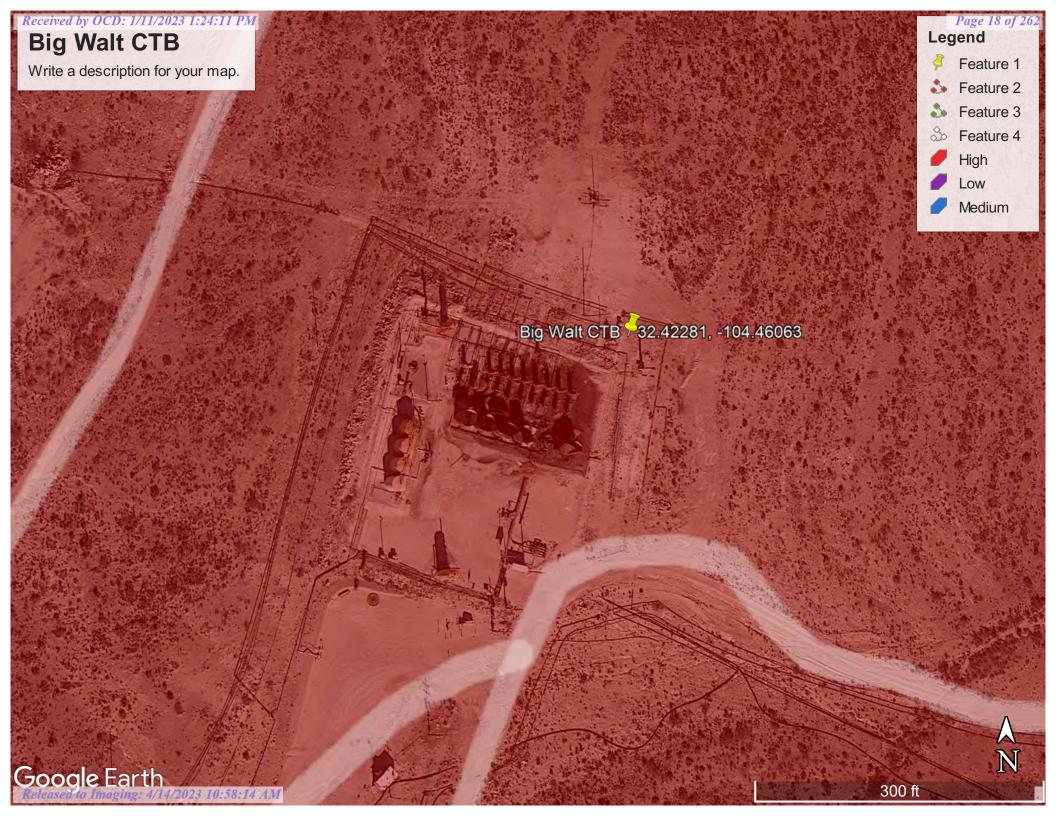
The pin displayed on the map is an approximate point selected by the user and does not represent

an authoritative property location.

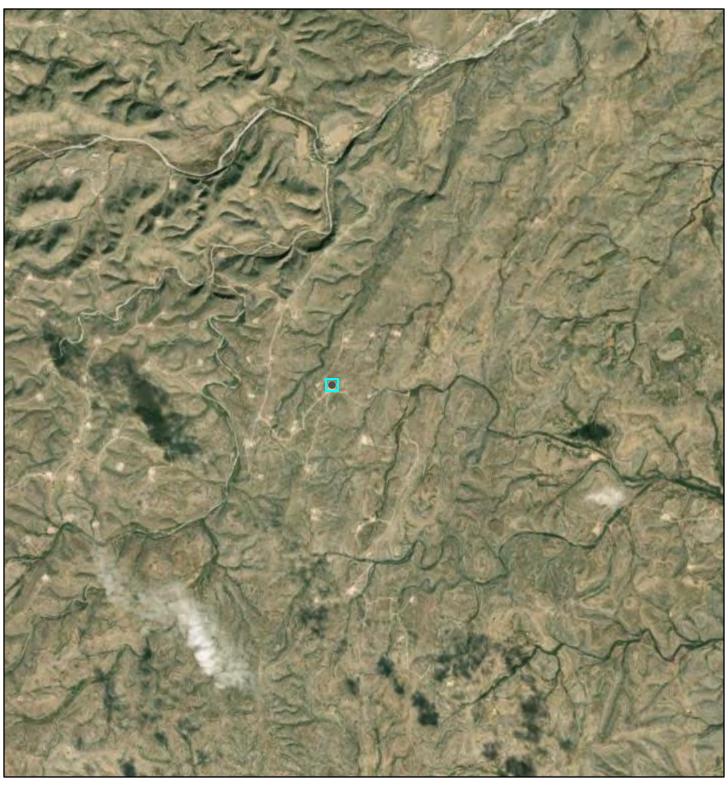
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 11/10/2022 at 5:32 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by 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.





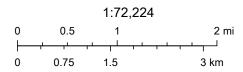
Active Mines in New Mexico



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

Registered Mines

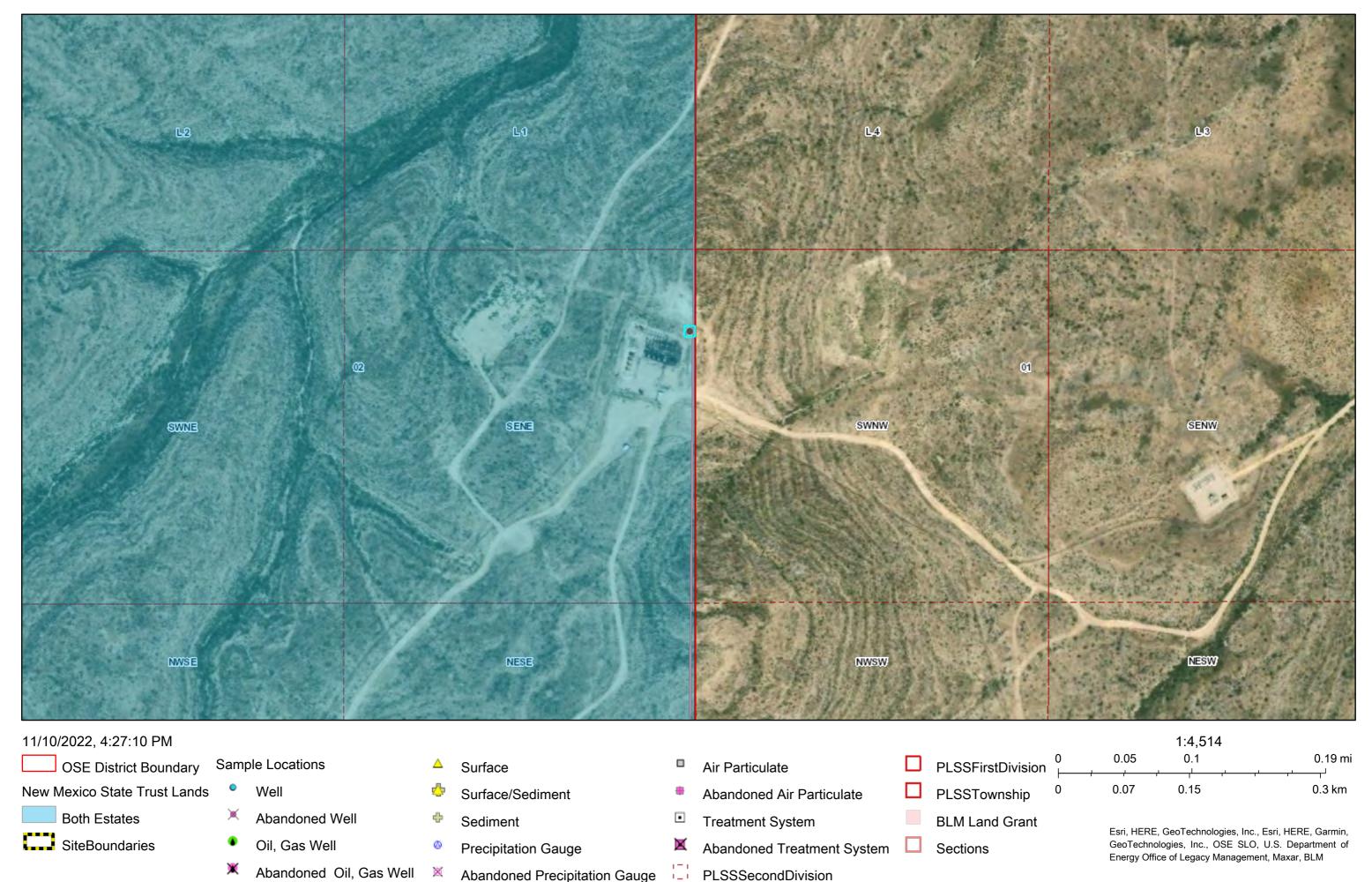
* Aggregate, Stone etc.



Esri, HERE, Garmin, Earthstar Geographics

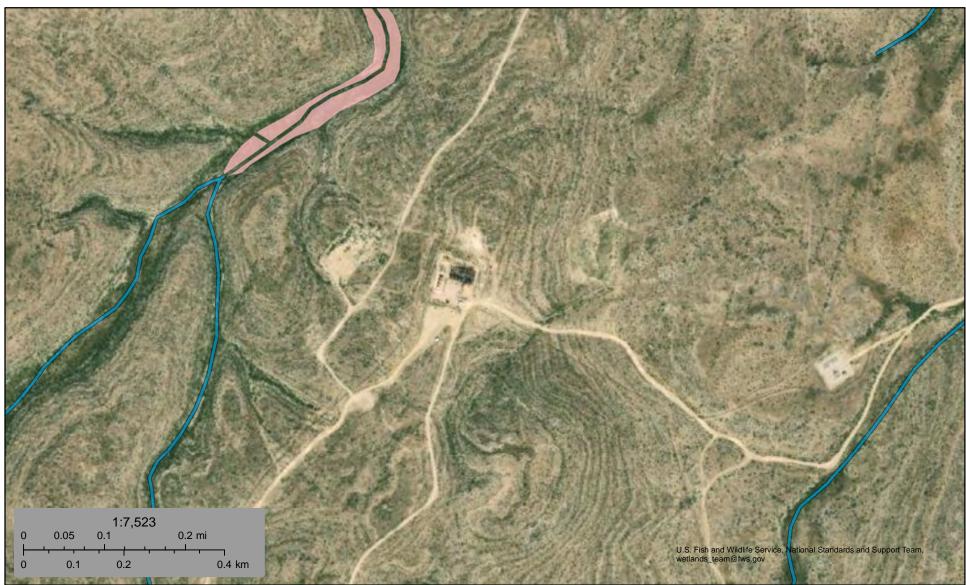
Received by OCD: 1/11/2023 1:24:11 PM

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

Riverine

Other

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.



District 1-1625 N. French Dr., Hobbs, NM 88240 District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
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

Form C-141 Revised October 10, 2003

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

OCT 012008

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

_			Kele	ease Notific	cation	n and Co	orrective A	ction :			
NAB15	28 839	3615		QP)	ERAT	ГOR		xΓ	Initia	al Report	Final Report
Name of Cor	npany O	XY USA IN		NAHD?	\sum	Contact Ric	k Kerby				
Address PO			Carlsbac	1 NM 88220			No. (O) 505-887	7-8337	(C) 505	5-631-4972	
Facility Nam	e Big Wa	alt CTB				Facility Typ	e CTB			_ .	
Surface Own	er			Mineral C)wner				Lease N	lo.	
30 C	15 3	3315		LOCA	TIOI	N OF REI	LEASE				
Unit Letter	Section 2	Township 22 S	Range 24 E	Feet from the	North/	South Line	Feet from the	East/Wes	st Line	County EDDY	
	•		Lat	titude		Longitud	le				
-				NAT	URE	OF RELI	EASE			•	
Type of Releas							Release 1000	V	olume F	kecovered	
Source of Rele	ease 8 in p	oly line had s	plit	_			lour of Occurrenc			Hour of Disco	overy
Was Immediat	- N-4: C					09/27/2008 If YES, To		1	1:30PM		
was immediai	e Nonce C		l Yes T	□ No □ Not			· wnom? - Mike Bratcher				
Required		~ _	. • ° °			Minoco	Wilke Blaceher				
By Whom? Ri		•				Date and I	lour: 09-28-2008	8:00 AM			
Was a Waterco	ourse Reac	hed?	Yes X	□ No		If YES, Vo	olume Impacting t	he Waterco	ourse.		
If a Watercour	se was Imi	pacted, Descri	be Fully.*	k		1					
Describe Caus	e of Proble	em and Remed	dial Action	n Taken.*							
8 in Poly line	split						,				
Describe Area No water-reco				cen.* CTB are 1000 or	less and	l will be moni	tored for growth.				
regulations all public health of should their or	operators or the environations had ment. In a	are required to conment. The ave failed to a ddition, NMO	o report ar acceptance idequately ICD accep	nd/or file certain rece of a C-141 report investigate and re	elease n ort by the emediate	otifications as e NMOCD m e contaminati	knowledge and used perform correct arked as "Final Room that pose a three the operator of the control of the co	tive action eport" does cat to grou	s for rele s not reli ind water	eases which n leve the opera r, surface wate	nay endanger itor of liability er, human health
	Λ						OIL CONS	SERVA'	TIQN	DIVISIO	<u>N</u>
Signature:	Ric	K Kuba	·/					1//	[[]		ions to be completed and
Printed Name:	Rick Ker	_{by} /				Approved by	District Superviso	or: //4/	with		ntation on or before the
Title: HES Te	ch	•				Approval Dat	101151	5 Ex	piration	Date: 1	A
E-mail Addres	s: rick_ke	rby@oxy.con	1			Conditions of	f Approval:			hed	
Date: 8-29-08				Phone: 631-4972	<u> </u>		on per O.C.D.			eline s s	マスマニ
Attach Additi	onal Shee	ts If Necess	ary			ATER TH	EMEDIATION	115		Remote)())



APPENDIX C

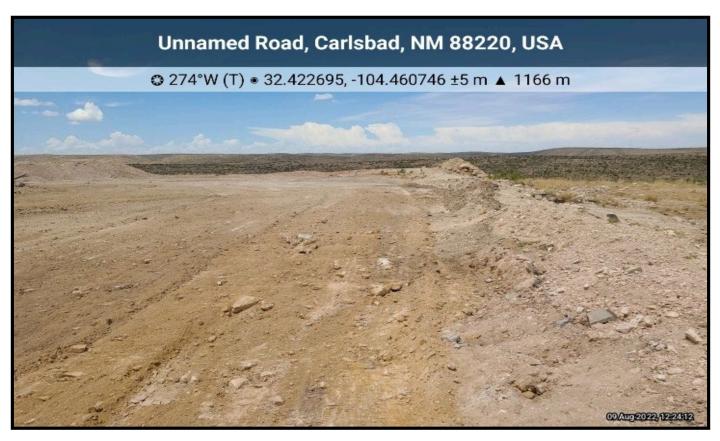
Photographic Documentation



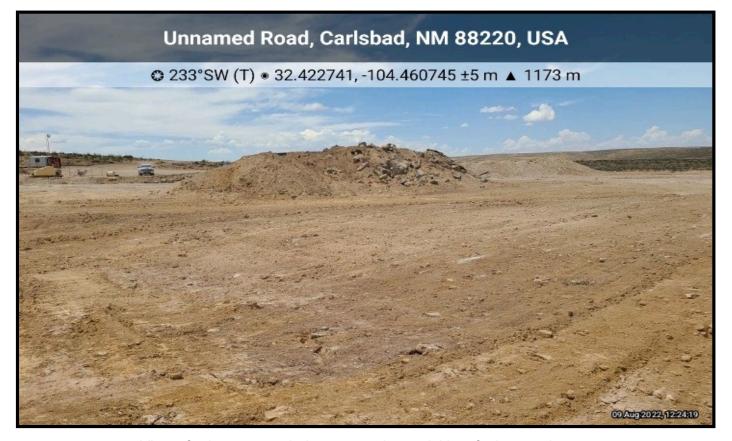
View of initial release, facing north.



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)
	Conservation soils Impacted (≤ 50 feet)	Division Closure by a Release	10	NE	NE	NE	50	NE	NE	NE	100	600
					Floor S	ample Analytica	l 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
FC 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
F0 F	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			NS			<10.0	<10.0	<10.0	<10.0	NS
FC C	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			NS			<10.0	<10.0	<10.0	<10.0	NS
F0.7	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		• • • • • • • • • • • • • • • • • • • •	NS		• • • • • • • • • • • • • • • • • • • •	<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
F0.0	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			<10.0	<10.0	<10.0	<10.0	NS
FO 40	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			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

SOIL SAMPLE ANALYTICAL RESULTS 2RP-3335 - 9.27.08 (Big Walt 2 State #008) Oxy USA Inc. **Eddy County, New Mexico**

Ensolum Project No. 03B1417070

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 Conservation Division Closure Criteria for Soils Impacted by a Release (≤ 50 feet)		10	NE	NE	NE	50	NE	NE	NE	100	600	
					Floor S	ample Analytica	al 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
FS-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
FS-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

Received by OCD: 1/11/2023 1:24:11 PM



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 Conservation Division Closure Criteria for Soils Impacted by a Release (≤ 50 feet)		10	NE	NE	NE	50	NE	NE	NE	100	600	
					Floor S	ample Analytica	l 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
FS-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
F3-75	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
FS-82	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
F3-02	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
*FS-86	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
F3-80	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 Conservation Division Closure Criteria for Soils Impacted by a Release (≤ 50 feet)		10	NE	NE	NE	50	NE	NE	NE	100	600
					Floor S	Sample 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
*E0.00	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



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 Conservation Division Closure Criteria for Soils Impacted by a Release (≤ 50 feet)			10	NE	NE	NE	50	NE	NE	NE	100	600
					Floor S	Sample Analytica	al 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-3335 - 9.27.08 (Big Walt 2 State #008) Oxy USA Inc. Eddy County, New Mexico Ensolum Project No. 03B1417070

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	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		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	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	8						

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Frene



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 - 2 0-0.25" (H224051-02)

Project Name:

Project Number:

EX 8021B	mg/	kg	Analyze						
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*	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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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 WALTSampling Condition:** (See Notes)Project Number:03B1417054Sample Received By:Shalyn Rodriguez

Analyzed By: 1H /

Project Location: OXY - EDDY, CO.

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

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	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 - 4 0-0.25" (H224051-04)

EX 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	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*	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	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 - 5 0-0.25" (H224051-05)

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	113	% 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*	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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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 - 6 0-0.25" (H224051-06)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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		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	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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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 - 7 0-0.25" (H224051-07)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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*	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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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 - 8 0-0.25" (H224051-08)

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	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	<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*	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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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 - 9 0-0.25" (H224051-09)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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		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	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
Project Location: OXY - EDDY, CO.

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

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	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) Sample Received By: Shalyn Rodriguez Project Number: 03B1417054

Project Location: OXY - EDDY, CO.

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

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	<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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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 - 12 0-0.25" (H224051-12)

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	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 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 - 13 0-0.25" (H224051-13)

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	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	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 - 14 0-0.25" (H224051-14)

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	10						
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*	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	51						
Surrogate: 1-Chlorooctadecane	80.2	% 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

Analyzed By: 1H /

Project Location: OXY - EDDY, CO.

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

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	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	73.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	76.7	% 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
 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 - 16 0-0.25" (H224051-16)

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 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	73.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	75.8	% 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

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

OXY - EDDY, CO.

Project Location:

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 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*	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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Celey D. Keine

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)
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	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	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	8						

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Celeg D. Freene



Sample Received By:

Shalyn Rodriguez

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 - 19 0-0.25" (H224051-19)

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	113 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*	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 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 - 20 0-0.25" (H224051-20)

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	114 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*	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	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 - 21 0-0.25" (H224051-21)

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	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 %	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	112 %	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117 %	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 - 22 0-0.25" (H224051-22)

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	112	% 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*	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111	% 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 - 23 0-0.25" (H224051-23)

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	111	% 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	78.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	83.5	% 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 - 24 0-0.25" (H224051-24)

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	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*	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	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 - 25 0-0.25" (H224051-25)

Project Number:

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	111	% 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*	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	% 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 - 26 0-0.25" (H224051-26)

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	1.80	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	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	79.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.5	% 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) Shalyn Rodriguez Project Number: 03B1417054 Sample Received By:

Project Location: OXY - EDDY, CO.

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

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	76.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.2	% 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) Sample Received By: Project Number: 03B1417054 Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

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

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	114 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	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: 1H /

Project Location: OXY - EDDY, CO.

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

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	1.80	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, 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*	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
 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 - 31 0-0.25" (H224051-31)

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	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	<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	85.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.7	% 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) Shalyn Rodriguez Project Number: 03B1417054 Sample Received By:

Project Location: OXY - EDDY, CO.

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

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	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	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	26 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) 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	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 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*	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	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

Reported: 09/09/2022 Sampling Type: Soil

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

Sampling Date:

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	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	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	<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 - 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

09/02/2022 Sampling Date: 09/09/2022 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 - 36 0-0.25" (H224051-36)

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	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						

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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 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 - 38 0-0.25" (H224051-38)

RTFY 8021R

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	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	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						

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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 - 39 0-0.25" (H224051-39)

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	115 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	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	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 - 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, 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*	<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	% 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	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)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: OXY - EDDY, CO.

mg/kg

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

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	09/07/2022	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	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	97.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105	% 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 - 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 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 - 44 0-0.25" (H224051-44)

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 %	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*	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	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 - 45 0-0.25" (H224051-45)

RTFY 8021R

B1EX 8021B	mg/	кg	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 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	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 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) Sample Received By: Shalyn Rodriguez Project Number: 03B1417054

Project Location: OXY - EDDY, CO.

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

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, 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 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)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

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

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	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	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 - 48 0-0.25" (H224051-48)

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	09/07/2022	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	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	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	% 46.3-17	<i>'8</i>						

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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 - 49 0-0.25" (H224051-49)

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	<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 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) Shalyn Rodriguez Project Number: 03B1417054 Sample Received By:

Project Location: OXY - EDDY, CO.

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

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, 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*	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 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 - 51 0-0.25" (H224051-51)

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, 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*	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	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 - 52 0-0.25" (H224051-52)

RTFY 8021R

B1EX 8021B	mg,	r 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	115	% 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	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) Sample Received By: Project Number: 03B1417054 Shalyn Rodriguez

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	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	79.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.0	% 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 - 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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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 - 55 0-0.25" (H224051-55)

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	81.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.9	% 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)
Sample Received By: Shalyn Rodriguez

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

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	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	09/07/2022	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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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 WALTSampling Condition:** (See Notes)Project Number:03B1417054Sample Received By:Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

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

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	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	<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 WALTSampling Condition:** (See Notes)Project Number:03B1417054Sample Received By:Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

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

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	87.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.2	% 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) Shalyn Rodriguez Project Number: 03B1417054 Sample Received By:

Project Location: OXY - EDDY, CO.

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

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, 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	97.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106 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 - 60 0-0.25" (H224051-60)

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	
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	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	09/07/2022	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	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 - 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, 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	09/07/2022	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	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 - 63 0.25-0.5" (H224051-62)

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, 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	% 46.3-17	8						

surrogate: 1-Chlorooctadecane 106 % 46.3-1/8

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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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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 - 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	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	09/07/2022	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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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 - 66 0.25-0.5" (H224051-65)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 WALTSampling Condition:** (See Notes)Project Number:03B1417054Sample Received By:Shalyn RodriguezProject Location:OXY - EDDY, CO.

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

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	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	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	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*	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	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 - 69 0.25-0.5" (H224051-68)

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 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 - 70 0.25-0.5" (H224051-69)

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	86.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 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 - 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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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 - 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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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 - 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 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*	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	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 - 74 0.25-0.5" (H224051-73)

OXY - EDDY, CO.

Project Location:

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, 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	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*	15.8	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						

Surrogate: 1-Chlorooctadecane 93.8 % 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 - 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 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 - 76 0.25-0.5" (H224051-75)

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, 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	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	<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 - 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	% 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*	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 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 - 78 0.25-0.5" (H224051-77)

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	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*	<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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116 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) Sample Received By: Shalyn Rodriguez Project Number: 03B1417054

Project Location: OXY - EDDY, CO.

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 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	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*	<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	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 - 80 0.25-0.5" (H224051-79)

BTEX 8021B	mg/	'kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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*	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 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	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*	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 Sampling Date: 09/02/2022

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

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

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

OXY - EDDY, CO.

Project Location:

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 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	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.1	% 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 WALTSampling Condition:** (See Notes)Project Number:03B1417054Sample Received By:Shalyn RodriguezProject 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	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	83.7	% 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	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	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	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	09/07/2022	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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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 - 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	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	09/08/2022	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	8						

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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

/2022 Sampling Date: /2022 Sampling Type: ALT Sampling Condition:

Sample Received By:

Project Name: BIG WALT
Project Number: 03B1417054
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
 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 - 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, 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	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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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 - 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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Celeg D. Freene



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

ecovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Celeg D. Freene

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

000

Sample Condition

CHECKED BY

Turnaround Time:

Standard

Bacteria (only) Sample Condition
Cool Intact Observed Temp.

Yes Yes
No No Corrected Temp.

ô

Corrected Temp. °C

oter ID #113

REMARKS:

BJennings@ensolum.com

(Initials)

Relinquished By:

Received By

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



Company Name: Ensolum IIC	BILL TO
Project Manager: Describer Jennings	P.O. #:
Address: 601 N. Marienfeld St. STE 400	Company: Oxy USA, Inc.
City: Midland State: TX Zip: 79701	Attn: Wade Dittrich
Phone #: 732 230 7340/ Fax #:	Address:
Project #:038/4/7054 Project Owner: 0XY	City:
1,	State: Zip:
Project Location: Endoy Co.	Phone #: 575-390-2828
Sampler Name: SHANE DILLER	Fax #:
	CALL INC.

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

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

Page 93 of 101

† 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 (575) 393-2326 FAX (575) 393-2476

Company Name:	Ensolum LLC					-		8	F	70					A	AL)	ANALYSIS	RE	REQUEST	ES	7				_		
Project Manager:	Linguistin, EEO					O.	P.O. #:	"				4		-	\dashv	\dashv	4			\dashv			\neg	\dashv	_		
Address: 601 N	601 N. Marienfeld St. STE 400	E 400				0	omp	Company:	Оху	Oxy USA, Inc.		_				_				_				_	_		
City: Midland		State: TX	Zip:	7	79701	Þ	Attn:	Wad	Wade Dittrich	ich						_								_	_		
Phone #: 732	230 7340	// Fax#:				A	Address:	SS							_	_								_			
Project #: 038	1417054	Project Owner:	0	X	X	C	City:					_		0		_				_				_	_		
Project Name: B	à					S	State:		Zip	.,				0	_	_				_				_	_		
Project Location:	Eddy Co					P	Phone	*	575-	575-390-2828			6	45	_	_				_					_		
Sampler Name:	SHANE D	126158				T	Fax #					m	21	_	_	_				_					_		
FOR LAB USE ONLY				_	MATRIX	1	PR	PRESERV	S	SAMPLING	NG	5.		5"		_				_					_		
;		Sample Denth	(C)OMP.									801	< 8	ride													
Lab I.D.	Sample I.D.	Sample Deput	(G)RAB OR	# CONTAIN	GROUNDW WASTEWAT SOIL OIL	SLUDGE OTHER:	ACID/BASE	ICE / COOL OTHER		DATE	TIME	TPH	BTEX	Chlo						_					<u></u>	3	W
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PLEASE NOTE: Liability and (analyses, All claims including) service: In no event shall Card	EASE NOTE: Lisbitly and Damages. Cardinal's liabitly an slyses. All claims including those for negligence and any o vice. In no event shall Cardinal be liable for incidental or o	d client's exclusive remedy for any claim an their cause whatboever shall be deemed wa onsequental damages, including without lim	y dain eemed without		ing whether based in contract or to wed unless made in writing and rece lation, business interruptions, loss o	stract or ton g and race ons, loss o	t shad be	shalf be limite ed by Cardina use, or loss of	d to the wests	amount paid by 30 days after por nounted by client	ort paid by the client for the gs after completion of the applicable or by client, its subsidiaries.	pplicable	1										1.				
Relinquished By:		Date:	Re	ceiv	Received By:					· V	Verbal Result	÷	□ Yes	S O No	Ac	d'i P	Add'i Phone #:	**	П	П	П			П			
1 m	10	Time: 1514	1	3	200	7	3	2.	7	>	BJennings@ensolum.com	@ens	olum.	om compare contract address.	apiko	Ema	ado	68.8							_		
Relinquished By:		Date:	Re	Ceivi	Received By:	7		(. (9	REMARKS:																
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	us - Other:	Carracted Tamp. "C3C	30.78	6200	Sample Condition Cool Intact Yes Yes	res Yes	3	A SHE	(Initials)		Turnaround Time: Thermometer ID #1 Correction Factor -8	Time:	13	Standard Rush			Bacteria (only) Sample Condition Cool Intact Observed Temp. Yes Yes Yes Observed Temp.	lacteria (only) ool Intact Yes Yes	0 % V	Con	le Co erve	nditi Ten	iample Condition Observed Temp. °C Corrected Temp. °C	- 3			
			(C	- No	200			1		STREETISM F B	ccar -	200	7.00			NC		Ĉ	co	atta	g	ē	1			

Page 94 of 101

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

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

Company Name:				BILL TO	3			ANALYSIS REO	REQUEST
Project Manager:	Colorada, CCC				_[+	-		
Address: 601	I. Marienfeld St.	STE 400		Company: Oxy USA,	, Inc.				
City: Midland		State: TX	Zip: 79701	윤			_		
Phone #: 732	230 73401	Fax #:		Address:		_	_	_	
Project #:038	1417054	Project Owner:	LXO:	City:			9	_	
Project Name:	Big Wal,			State: Zip:		_	00		
Project Location:	Eddy Co			# 5	2828	6	45		
Sampler Name:	SHAWE D	166151		Fax #:		21			
FOR LAB USE ONLY			MATRIX	PRESERV. SA	SAMPLING	30			
Lab I.D.	Sample I.D.	Sample Depth)RAB OR (C)OMP CONTAINERS ROUNDWATER ASTEWATER DIL L	THER : CID/BASE: E / COOL THER :			Chloride		
الع	125-21	0-025	X	× 1	1282	X	X		
87	FS-22	0-,25	C . ×	x 9-2.	22812	X	K		
27	F5-23	0-25	2 1	2.	15811	X	×		
악	PS- 24	0-,25	× .	2	200		×		
St	FS- 25	25.0	X 1.2	к 9-2-	82826	K	K		
व्यक	F5- 26	25.0	N 1 2	A.	830.	×	K		
થ	8-27	0 25	× 1)	1 9-7-28	258	X	K		
28	15-28	025	C 1 K	× 9-2-	634	×	×		
B	2.50	0 . 25	×	15.5-6 X	6	×	×		
30	8,30	025	CIE	√ 9-2-	838	×	×		
*LEASE NOTE: Liability and Damages. Ca unalyses. All claims including those for negl ervice. In no event shall Cardinal be liable iffiliates or successors arising out of or relat	and Damages. Cardinal's liability and ding those for negligence and any of Cardinal be liable for incidental or co sing out of or related to the performa	i cilent's exclusive remedy for ar ser cause winsboever shall be o nsequental damages, including nce of aerwices hereunder by C	remedy for any claim arrang whether based in contract or bot, shall be limited to the amount paid by the client for the wever shall be deemed whether client for the applicable ever shall be deemed whether completion of the applicable grav, including without limitation, business interruptions, loss of use, or loss problem on the deemed by client, is abusidizable; grav, including without limitation, business interruptions, loss of use, or loss problem control by client, as busidizables; extended to control a state of the control of the contro	act or bot, shall be limited to the amount and received by Cardinal within 30 days. in, loss of use, or loss of profits incurred in the head inno any of the above states in its head inno any of the above states.	unt paid by the client for the ye after completion of the ap- ed by client, its subsidiantes.	plicable			
Relinquished By	M.	11me 1514	Received By:	2105	Verbal Result: ☐ Yes All Results are emailed. Ple BJennings@ensolum.com	It: ☐ Yes re emailed. @ensolum.co		No Add'I Phone #: Please provide Email address: om	
Relinquished By:	**	Date:	Received By:	Jan J	REMARKS:				
Delivered By: (Cir	(Circle One)	Osserved Temp C	Sample Condition	tion CHECKED BY:	Turnaround Time:	Time:	Standard		Bacteria (only) Sample Condition
Sampler - UPS - Bus - Other		Corrected Temp.	Cool Intact	1	Thermometer ID	D #113	Rush	Cool Intact	Observed Temp. °C
FURWI-DUB	C1000125	c	ON LION PI S 31. OS	10	Correction Fac	100 mg C	ついんと	LI NC NO	Corrected Temp, "C

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

Page 95 of 101

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

State: TX Zip: 79701 Fax #: Project Owner: OX Y Project Owner: OX Y Sample Depth (C)OMP (A) O O OX OX OX OX	BILL TO	ANALYSIS REQUEST
N. Marienfeld St. STE 400 State: T State: T State: T State: T State: T Sample De Sample I.D. Sample De State: D Sample De State: D Sample De S	P.O. #:	
State: T Fax #: Project Ow Sample De Hisaat) 10 0-25 0-27 0-27 0-27 0-27 0-27 0-27 0-27 0-27	Company: Oxy USA, Inc.	
Project Own Projec	Attn: Wade Dittrich	
Sample De Haart) Sample De CUS R CU	Address:	
Sample De (faet) (A C C S S C C C C C C C C C C C C C C C	City:	
Sample De Haat) (CUS R Sample De Haat) (N O-25 O-27 O-27 O-2 O-2 O-2 O-2 O-2 O	State: Zip:	
Sample De Haast) (A O-Q25 O-Q25 O-2 O-2 O-2 O-2 O-2 O-2 O-2 O	# 5	b 45
Sample De Haat) 10 0-025 0-25 0-2 0-2 0-2 0-2 0-2	Fax #:	
Sample De (faat) (A O-Q25 O-Q25 O-2 O-2 O-2 O-2 O-2 O-2 O-2 O	MATRIX PRESERV. SAMPLING	5.
0-255 0-25 0-2 0-2 0-2 0-2 0-2 0-2 0-2 0-2 0-2 0-2	SOIL DIL SLUDGE DTHER: ACID/BASE: CE / COOL DTHER:	
0 - 23 0 - 2	22.2.9 x	840 x x x
0 - 2 0 - 2	15-2-6 X	X
O - 2 O - 2	12-2-6 X	852 x x x
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o 2 o 2 o 2 o 2 o 2 o 3 o 4 o 5 o 6 o 6 o 7 o 7 o 7 o 7 o 7 o 7	25-7-55	900 x x x x
o 2 O 2 O 2 ors ecclusive remains or exclusive remains or exclusive remains or expected damages, no of services his custo. Date:	× 9-2-	× × ×
O - 2 sets acclusive ramasi, cause vifastacever sta reparatal damages, inc s of services hereunds	12.2.2 ×	×
sind's exclusive remady cause whatsoever shu required if demages, include to fiservices hereunds. Date:	V 4.2.2590	W
Ceresto MC	I based in contract or tox, shall be limited to the amount pact by the client for the made in writing and received by Cardinal within 30 days after completion of the applicable years interruptions, loss of use, or loss of profits incurred by Client, its submidiscless.	citivet for the election of the applicable rachielderies.
MANN HIS MINISTER STANKING	nether such claim a based upon any of the above stated reasons or	Verbal Result: Yes No Add'l Phone #: All Results are emailed. Please provide Email address: BJennings@ensolum.com
Relinquished By: Date: Received By:	Tion 1 0 1	REMARKS:
	Pignus and the above dated reason	
Delivered By: (Circle One) Observed Table 90.76 Sample Condition Cool Infact	TRIONAL R	

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

Corrected Temp. °C

505)

Relinquished By:

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

> Observed Temp Time:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

Company Name:	Ensolum, LLC				\neg	8	11 10						ANALYSIS REQUEST	REQUES	ST	
Project Manager:					P.O.	0.#:									-	1
Address: 601 N	601 N. Marienfeld St. STE 400	000			co	Company:	Oxy USA, Inc.	C.								
City: Midland		State: TX	Zip:	79701	Attn:		Wade Dittrich									
Phone #: 732	130 7344	Fax #:			Ad	Address:										
Project #:038	1417054	Project Owner:	0	XX	City:	y:					0					
Project Name: 8	3.5 Wal,				State	ate:	Zip:				00					_
Project Location:	Eddy Co.				Ph	*	575-390-2828	COS		6	15					_
Sampler Name:	SHANE DI	4512			Fa	Fax #:			m	26						_
FOR LAB USE ONLY				MATRIX		PRESERV	SAMPLING	ING	5	30						
Lab I.D.	Sample I.D.	Sample Depth	(G)RAB OR (C)OME	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER	ACID/BASE: ICE / COOL OTHER:	DATE	TIME	TRH SOI	BTEK	Chloride					
14	12-4	0-025	0	×		×	32.2.6	408	X	X	×					
£	12 - 53	0-,25	0	×		×	12-2-6	905	×	X	K					
£	65-43	0-25	6	, K		×	12-2-6	906	×	X	X					
th the	2-44	025	0	×		K	12.2-8	507	X	8	K					
ৰ্জ	65-45	025	0	γ '		ĸ	9-2-72	908	K	X	Κ					
dh dh	12-16	25:-0	0	8 8		×	32-2-8	513	×	×	K					
5	Er- 42	025	1	3 1		^	35-1-6	515	χ	ĸ	ĸ					
Š'n	F5-49	025	0	x 1		×	9-2-22	917	χ	×	×					
4	Pr 49	0 - 25	0	×		K	9-2-22919	919	×	×	×					
900	E5- 50	0 25	0	×		K	22-2-6	125	×	X	×					
PLEASE NOTE: Liability and analyses. All claims including service: In no event shall Card	NEASE NOTE: Liability and Danages. Cardinal's liability and client's exclusive remody for any datim arising whether based in maybes. All claims including those for negligence and any other cause whetherever all the deemed waked unless made in we enrice. In no event shall Cardinal is liable for incloded by consociated and any other cause whetherever including unless made in we	ent's exclusive remedy for an cause whatsoever shall be di guental damages, including	dam a	and on	act or text and receiv	ort shall be limited belied by Cardinal of one or loss of o	the limited to the amount paid by the client for the y Cardinal within 30 days after completion of the a or loss of profits incurred by client in subsidiaries.	count paid by the client for the days after completion of the applicable and by client its subsidiaries.	a applica	8						
affliates or successors arising Relinquished Rv	out of or related to the performance	of services hereunder by Ca	Day of	dinal, regardless of whether such das	84		e above stated reas	ons or otherwis					Add Dhoos			
1		からから	700	divou by.				All Results are emailed.	are e	mailed.		e prov	Please provide Email address:	88:		

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

Cool Intact
Yes Yes Sample Condition

CHECKED BY

Turnaround Time:

Standard

Bacteria (only) Sample Condition
Cool Intact Observed Temp.

| Yes | Yes | No Corrected Temp.

Corrected Temp. °C Observed Temp. °C

neter ID #113

REMARKS:

BJennings@ensolum.com

Page 97 of 101

Relinquished By:

Date: Time:

Received By

REMARKS:

BJennings@ensolum.com

Received By:

All Results are emailed. Please provide Email address:

Verbal Result:

□ Yes

□ No Add'I Phone #:

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

Observed Tamp.

0

Cool Intact
Yes Yes
No | No Sample Condition

CHECKED BY:

Turnaround Time:

Standard

Bacteria (only) Sample Condition
Cool Intact Observed Temp.
Yes Yes
No No Corrected Temp.

Observed Temp. °C Corrected Temp. °C

Thermometer ID #113

oratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Project Manager: Address: 601 N. Marienfeld St. STE 400 City: Midland State: TX Zip: 79701 Attn: Wade Dittrich Address: Address:
ess: 601 N. Marienfeld St. STE 400 Midland State: TX Zip: 79701 Attn: Wade Dittrich e #: 132 Z30 3344 Fax #: Address:
Midland State: TX Zip: 79701 Attn: Wade Dittrich e#: 132 230 7344 Fax#: Address:
230 7340/ Fax#:
State: Zip:
#: 575-390-2828
m 21,
MATRIX PRESERV SAMPLING
SER
(G)RAB OR (C) # CONTAINERS GROUNDWATE WASTEWATER: CE/COOL OTHER: CE/COOL OTHER: CE/COOL OTHER: CE/COOL
15. 51 0-025 C (X X 9-2-28 523 X X
B-52 0-,25 C1 X X 9-2-21 934 V X
855 0-25 C1 K X 9.2.21536 X X
54 025 C 1 x 1 8-2-21938 2
12- 22 C 1 X X 6-2-55 6.40 x X
7.22 547 x x
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
F3-58 7 75 C 1 X X 89 27 28 1/2 X X
27-22-2-6 X X X 1-257 - 0 65-4
X 01 723.3.1

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

6 Page 98 of 101 Sampler - UPS - Bus - Other: Delivered By: (Circle One)

Observed Tamp

Sample Condition

CHECKED BY:

Turnaround Time:

Thermometer ID #113

5000 Standard

Bacteria (only) Sample Condition
Cool Intact Observed Temp.

Yes Yes
No Corrected Temp.

Observed Temp. °C Corrected Temp. °C

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

aboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

		10101000-2410	3										
company Name:	Ensolum, LLC				6	BILL TO			1		ANALYSIS REC	REQUEST	
Project Manager:	1				P.O. #:			٦		-	- 1		1
Address: 601	601 N. Marienfeld St. STE 400	400			Company:	Oxy USA, I	Inc.						
City: Midland		State: TX	Zip:	79701	Attn: Wad	Wade Dittrich							
Phone #: 432	2 230 3344	/ Fax #:			Address:								
Project #: 038	Project #: 038 1417054	Project Owner:		420	City:								_
Project Name:	Big Wal,				State:	Zin:				0			
Project Location:	" Edd Co				Dhono #	575-390-2828	œ			50			
Sampler Name	C.JANE	1 11 11 1			11.9				6	_			_
Sampler Name:	SMANE U	10058	1		Fax #:			5	21	_			
FOR LAB USE ONLY				MATRIX	PRESERV.	/. SAMPLING	LING	115	02				
Lab I.D.	Sample I.D.	Sample Depth	(G)RAB OR (C)OMP	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER: ACID/BASE: CE / COOL OTHER:	DATE	TIME	TPH 80	BTEX 8	Chloride.			
191	F5-62	.25.5			×	9-2-22	953	K	K	۲			1
5	65-63	.255		Λ	×	9-2-22	388	X	X	Κ			
É	F3- 64	,25-,5		N N	X	22-22	757	X	X	K			
40	-	25.5		×	K	9-2-22	1010	X	X	X			
S	F5- DW	25-5		X	X	55-5-8	1012	×	X	×			
90	F5-67	25.5	_	N C	2	4	1014	×	K	5			
(9)	-	,255		CX	×	55-5-6	1016	N	K	×			
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ley		1255	0	X	X	9-2-20	0201	X	K	×			
70	12 53	.255		x	×	5-2-22	1022		X	×			
nulyses. All claims including service. In no event shall Carre service. In no event shall Carre affiliates or successors arising	YLEASE MOTE: Labelly and Darrages. Cardina's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the smount paid by the client for the snallyees. All claims including those for negligence and any other cause whatboover shall be deemed walved unless made in writing and received by Cardinal within 30 days after completion of the applicable. In no event shall Cardinal be liable for inclodedaid or consequential damages, including without limitation, unlesses shareruptions, loss of use, or loss of pools incurred by client, it is 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 by client, less subsidiaries,	rif's exclusive remedy for any clair ause whatsoever shall be deeme quental damages, including without of services hereunder by Cardinal	y claim a berned w without lin	n arrieing whether based in contract or tort, shall be limited to the amount; a valved unless made in writing and received by Cordinal within 30 days at limited not, business interruptions, loss of use, or loss of posits incurred by I limited ton, business interruptions, loss of use, or loss on positions above stated regardless of whether such daim is based upon any of the above stated regardless of whether such daim is based upon any of the above stated	act or tort, shall be limited and received by Cardinal is, loss of use, or loss of p lim is based upon any of the	to the amount paid to within 30 days after or roffs incurred by clie to above stated reason	y the client for the ompletion of the one of	applicabl	. [Ĺ
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Relinquished By:		Date:	Rece	Received By:	- Land	9	REMARKS:						
		Time:											_

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



	(575) 393-2326 F	FAX (575) 393-2476	6						1	1	l	1	1			١	١	١	١		5			2	0	1					_	
ompany Name:												81	F	BILL TO		1				ANALTOIS	15		16	8	XEWOE O	1	7	4		+	1	
roject Manager:	-								9	P.O. #:	1"														_					_	_	
ddress: 601 N.	601 N. Marienfeld St. STE 400	400							C	duc	Company:		X	Oxy USA, Inc.											_			_		_	_	
ity: Midland		State: TX ;	Zip:	7	79701	-			A	Attn:	8	Wade Dittrich	Ditt	nich								_			_					_	_	
hone #: 432	230 334	Y Fax #:							A	Address:	SS											_			_					_	_	
Eco	705	Project Owner:	0	8	3	-			C	City:								,				_			_					_	_	
1	a Wel.								S	State:			Zip:	9:				00							_					_	_	
roject realise.	11/2								ס	Phone #:	#	Ch	75-	575-390-2828			6	15				_			_					_	_	
roject Location:	8	2000		1					77 17	X X						5	11	4				_			_		_			_	_	
ampler Name:	SHANE C	HEADIC	1	4	ı	ı		4	12	Pax #.	E C	2	٦	SAMPLING	NG	13	20	-				_			_					_		
FOR LAB USE ONLY			IP.	_		- 3	MATRIX	×		13	PRESERV	74		5		90	80	les														
Lab I.D.	Sample I.D.	Sample Depth)RAB OR (C)OM	CONTAINERS	ROUNDWATER	VASTEWATER	OIL	LUDGE	THER:	CID/BASE:	CE / COOL	THER:		DATE	TIME	TPH &	RIEX	Chlorio														
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X	8-2	35-5		0			×		-	-	-	7	a	22-2-	1009	×	×	×	T	t	+	+		+			+					
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8	FS-81	,255		0			×	_	_	-	-	-	N	22.2-	SCO1 22.	×	X	7	H	H	\vdash	L	1	-		Γ	1		1			
PLEASE NOTE: Liability and Dar enalyses. All claims including the service. In no event shall Cardina	EASE NOTE: Liabilly and Damages. Cardinal's liability an alyses. All claims including those for negligence and any of note. In no event shall Cardinal be liable for incidental or or	d client's exclusive remedy for any of ther cause whatsopver shall be deer presequental demages, including with	25 OF 85	ed wahr	g whethe ed unless don, busi	og whether be and unless may aften, business	ng whether based in contract of for, areas on an ed unless made is writing and raceled by Carr attorn, business interruptions, loss of use, or loss	Daga and	and receipt	sof u	d by Can e, or los	ardina ons of	within	incurred by dis	contract or tort, shall be assisted to the amount, how by the completion of the applicable tribing and received by Cardinal within 30 days after completion of the applicable uplice, loss of use, or loss of profits incurred by client, its wobsidearies.	e applica	. 8															_
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SAA /	Melle	Date:	R	Received By:	ed	BC		7	2	5	P	6		9	REMARKS:	S:	nsolun	T.COIT														
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Delivered By: (Circle One)	ircle One)	Observed Tempor	Č.	500		Sampl Cool	Sample Condition Cool Intact Pes Yes	e Condi	Yes dittio	ă	0 0	A H	(Initials)	(Initials)	Turnaround Time: Thermometer ID #1	or ID	#113	Rush	Rush			Cool Intact	DD at a	les les	0	bser	ved	Dacteria (Disy) Sample Constitution Cool Intact Observed Temp. °C	p p	, ,,		
mnior .	SUS - CITIES	Corrected lamp.	>	c		[-	İ							5					1		-				9	2	THE PARTY				۱

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

Page 100 of 101

† 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

	(575) 393-2326 FA	FAX (575) 393-2476	6					ANAL YSIS	SIS REQUEST	EST
Company Name:	Ensolum, LLC			BILL 10		+	-			
Project Manager:				P.O. #:						
Address: 601 N.	Marienfeld St. STE 400	00		Company: Oxy USA, Inc	Inc.	_	_			
City: Midland		State: TX	Zip: 79701	Attn: Wade Dittrich		_	_		_	
Phone #: 432	230 3344	Y Fax #:		Address:		_			_	
	1417054	Project Owner:	XXO	City:			0	_		
me:	B.a Walt			State: Zip:		_	0			
9	Edd C			Phone #: 575-390-2828	828					
- Inject - Commercial	(Sunt)	213		Fax #:					_	
Sampler Name:	SHANE O		MATRIX	ESERV.	SAMPLING	01.	100			
Lab I.D.	Sample I.D.	Sample Depth	RAB OR (C)OMP CONTAINERS ROUNDWATER ASTEWATER DIL	LUDGE THER: CID/BASE: E / COOL THER:	Ŕ	,	Chlorid			
120mp	R. A.	35.5	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	×	1040	X	K			
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PLEASE NOTE: Liability and analyses. All claims including	LEASE NOTE: Lebbity and Demagdis Cardina's fability and alyses. All claims including those for negligence and any other contracts of the contract of the contracts of the contract of the co	cilent's exclusive remedy for any or or cause whatsoever shall be dee securental damages, including wi		inal within 30 days of profits incurred	eys after completion of the red by client, its subsidiaries	e applicable es.				
Relinquished By	alter or successors arising out of or related to the performan	ereu	Received By:	daim is based upon any of the above state	Verbal Results are	sult:	Verbal Result:	Add'l	Add'l Phone #: de Email address:	
1	Dill	Time:	200	rempis	BJenning	gs@ens	B.Jennings@ensolum.com			
Refinquished By:	7.	Date:	Received By:		REMARKS	9,				
		Time:						.1	Bactoria (only	Sample Condition
Delivered By: (Circle One)		Observed Temp. "G	Sample Condition	act (Initials)	Turnaround Time:	id Time:			Cool Intact	Cool Intact Observed Temp. °C
Sampler - UPS -	her	Corrected Tamp. "C	7 (2	Thermometer ID	1 -	M13	r -	☐ No ☐ No	No No Corrected Temp. °C

Page 101 of 101



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

Reported:

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:

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
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 11:08	02-Sep-22 15:14
FS - 97 0.25-0.5"	H224052-06	Soil	02-Sep-22 11:10	02-Sep-22 15:14
FS - 98 0.25-0.5"	H224052-07	Soil	02-Sep-22 11:12	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 - 100 0.25-0.5"	H224052-09	Soil	02-Sep-22 11:16	02-Sep-22 15:14
FS - 101 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 11:20	02-Sep-22 15:14
FS - 103 0.25-0.5"	H224052-12	Soil	02-Sep-22 11:22	02-Sep-22 15:14
FS - 104 0.25-0.5"	H224052-13	Soil	02-Sep-22 11:24	02-Sep-22 15:14
FS - 105 0.25-0.5"	H224052-14	Soil	02-Sep-22 11:26	02-Sep-22 15:14
FS - 106 0.25-0.5"	H224052-15	Soil	02-Sep-22 11:28	02-Sep-22 15:14
FS - 107 0.25-0.5"	H224052-16	Soil	02-Sep-22 11:30	02-Sep-22 15:14
FS - 108 0.25-0.5"	H224052-17	Soil	02-Sep-22 11:31	02-Sep-22 15:14
FS - 109 0.25-0.5"	H224052-18	Soil	02-Sep-22 11:32	02-Sep-22 15:14
FS - 110 0.25-0.5"	H224052-19	Soil	02-Sep-22 11:33	02-Sep-22 15:14
FS - 111 0.25-0.5"	H224052-20	Soil	02-Sep-22 11:34	02-Sep-22 15:14
FS - 112 0.25-0.5"	H224052-21	Soil	02-Sep-22 11:35	02-Sep-22 15:14
FS - 113 0.25-0.5"	H224052-22	Soil	02-Sep-22 11:36	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 - 115 0.25-0.5"	H224052-24	Soil	02-Sep-22 11:38	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 - 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

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

Cardinal Laboratories *=Accredited Analyte

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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 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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Celeg 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 - 92 0.25-0.5" H224052-01 (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	2090714	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds	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 (Pl	D)		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*	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: 1-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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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

Fax To:

Reported: 08-Sep-22 15:23

FS - 93 0.25-0.5" H224052-02 (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 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	JН	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090628	JН	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	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*	<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

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 - 94 0.25-0.5" H224052-03 (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	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	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)			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
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	32.0		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	JН	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 (PI	D)		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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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 - 96 0.25-0.5" H224052-05 (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	2090628	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090628	ЈН	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 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			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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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:

FS - 97 0.25-0.5" H224052-06 (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	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	JН	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			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
			Cardin	al 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	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 (PI	D)		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*	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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Celeg 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:

FS - 99 0.25-0.5" H224052-08 (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 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)			102 %	69.9	-140	2090628	JH	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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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:

FS - 100 0.25-0.5" H224052-09 (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 by	EPA Method 8	3021								
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)			100 %	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*	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

Reported: 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	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 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			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

054 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	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	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			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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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 - 105 0.25-0.5" H224052-14 (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 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			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

7054 08-Sep-22 15:23

Fax To:

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 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			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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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 - 107 0.25-0.5" H224052-16 (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	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			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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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 - 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 h	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)	1		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	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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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

LT 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	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	ЈН/	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*	<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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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	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)			116 %	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			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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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 - 111 0.25-0.5" H224052-20 (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 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

17054 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	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	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	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			62.6 %	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

Fax To:

FS - 113 0.25-0.5" H224052-22 (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			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:

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 Compounds I	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 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			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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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 - 115 0.25-0.5" H224052-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	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	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

Reported: 08-Sep-22 15:23

Fax To:

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	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))		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	ЈН/	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

Reported: 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	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	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 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			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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Celeg D. Keine

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 - 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	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			62.8 %	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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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 - 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	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			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

Reported: 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
			Cardin	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	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	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			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

17054 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	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	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)		105 %	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*	<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:

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 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	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			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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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 - 124 0.25-0.5" H224052-33 (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 (PID)			111 %	69.9	-140	2090630	JH	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			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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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 - 125 0.25-0.5" H224052-34 (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	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)			116 %	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			74.3 %	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

UX JENNINGS

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	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	JН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			109 %	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			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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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 - 127 0.25-0.5" H224052-36 (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	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	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 (PID))		112 %	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*	<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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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 - 128 0.25-0.5" H224052-37 (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 (PID)			112 %	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			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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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 - 129 0.25-0.5" H224052-38 (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 (PID)			105 %	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			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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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
			Cardin	al Laborat	tories					
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	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)		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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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 - 132 0.25-0.5" H224052-41 (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	EPA Method 8	3021								
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 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			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

17054 08-Sep-22 15:23 3 JENNINGS

Fax To:

FS - 133 0.25-0.5" H224052-42 (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 by	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	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)			106 %	69.9	-140	2090630	ЈН	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			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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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 - 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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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 - 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	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 (Pl	D)		104 %	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			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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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 - 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	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 (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

AUX 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	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	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	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)	١		103 %	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			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 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	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)		104 %	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			85.6 %	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

Reported: 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	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	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	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			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	ıl 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	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)		103 %	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*	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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Analytical Results For:

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

054 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	al Laborat	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090720	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds h	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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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 - 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 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	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	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			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 (PID)			102 %	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*	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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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 - 144 0.25-0.5" H224052-53 (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	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	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	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	oy 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)			102 %	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			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	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))		100 %	69.9	-140	2090707	JH	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*	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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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 - 147 0.25-0.5" H224052-56 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	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*	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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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 x 1ENNINGS

Fax To:

FS - 148 0.25-0.5" H224052-57 (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	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	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

Reported: 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	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	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)			100 %	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*	<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

Reported: 08-Sep-22 15:23

Fax To:

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	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*	<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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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

141/054 IX JENNINGS

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	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*	<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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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 - 152 0.25-0.5" H224052-61 (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	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	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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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 - 153 0.25-0.5" H224052-62 (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 h	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	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	JН	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*	<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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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 - 154 0.25-0.5" H224052-63 (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			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

Fax To:

Reported: 08-Sep-22 15:23

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	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	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 (PIL	D)		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			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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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 - 156 0.25-0.5" H224052-65 (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	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	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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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 - 157 0.25-0.5" H224052-66 (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	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)			100 %	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			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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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 - 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 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)			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

Reported: 08-Sep-22 15:23

Fax To:

FS - 159 0.25-0.5" H224052-68 (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)			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			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, 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 - 160 0.25-0.5" H224052-69 (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 (PID)			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			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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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

1417054 LIX JENNINGS

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 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)			99.0 %	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	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



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 - 61 0-0.25" H224052-71 (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	y EPA Method S	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			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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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 - 162 0.25-0.5" H224052-72 (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 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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Celeg 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 - 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 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	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)			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			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

Reported: 08-Sep-22 15:23

Fax To:

FS - 164 0.25-0.5" H224052-74 (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 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	ЈН	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			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



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	al Laborat	tories					
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	ЈН	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)			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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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 2090714 - 1:4 DI Water										
Blank (2090714-BLK1)				Prepared &	k Analyzed:	07-Sep-22				
Chloride	ND	16.0	mg/kg							
LCS (2090714-BS1)				Prepared &	k Analyzed:	07-Sep-22				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (2090714-BSD1)				Prepared &	k 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 &	k Analyzed:	07-Sep-22				
Chloride	ND	16.0	mg/kg							
LCS (2090718-BS1)				Prepared &	k Analyzed:	07-Sep-22				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (2090718-BSD1)				Prepared &	k 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 &	k Analyzed:	07-Sep-22				
Chloride	ND	16.0	mg/kg							
LCS (2090719-BS1)				Prepared &	દે Analyzed:	07-Sep-22				
Chloride	432	16.0	mg/kg	400	·	108	80-120		·	·

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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:

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Result	Liiiit	Ollits	Level	Result	70KEC	Lillits	KI D	Lillit	Notes
Batch 2090719 - 1:4 DI Water										
LCS Dup (2090719-BSD1)				Prepared &	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 &	Analyzed:	07-Sep-22				
Chloride	ND	16.0	mg/kg							
LCS (2090720-BS1)				Prepared &	Analyzed:	07-Sep-22				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (2090720-BSD1)				Prepared &	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 &	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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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 2090628 - Volatiles										
Blank (2090628-BLK1)				Prepared: ()6-Sep-22 A	malyzed: (7-Sen-22			
Benzene	ND	0.050	mg/kg	Trepared.	70 Sep 22 1	maryzea. o	7 Sep 22			
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	nalyzed: 0	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	nalyzed: 0	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	nalyzed: 0	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. 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 2090629 - Volatiles										
Blank (2090629-BLK1)				Prepared: 0)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: 0)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: 0)6-Sep-22 A	analyzed: 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			

Blank (2090630-BLK1)				Prepared: 06-Sep-2	22 Analyzed: 0	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)	0.0551		mg/kg	0.0500	110	69.9-140	

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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

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: ()6-Sep-22 A	nalyzed: 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: ()6-Sep-22 A	nalyzed: 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			

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. Keine

Celey D. Keene, Lab Director/Quality Manager



%REC

Limits

RPD

Analytical Results For:

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

Analyte

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

Reported: 08-Sep-22 15:23

RPD

Limit

Notes

Fax To:

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

Result

Spike

Level

Source

Result

%REC

LCS (2090707-BS1)				Prepared & Anal	yzed: 07-Sep-22	2			
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 & Anal	yzed: 07-Sep-22	2			
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-3
Surrogate: 4-Bromofluorobenzene (PID)	0.0493		mg/kg	0.0500	98.6	69.9-140			

Batch 2090708 - Volatiles

Blank (2090708-BLK1)				Prepared: 07-Sep-22 Analyzed: 08-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)	0.0501		mg/kg	0.0500 100 69.9-140	

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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:

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: (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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2090606 - General Prep - Organics										
Blank (2090606-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	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: (06-Sep-22 A	Analyzed: 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: I-Chlorooctadecane	52.8		mg/kg	50.0		106	46.3-178			
LCS Dup (2090606-BSD1)				Prepared: (06-Sep-22 A	Analyzed: 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	Analyzed: 0	07-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



%PEC

Analytical Results For:

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

Snika

Reported: 08-Sep-22 15:23

DDD

Fax To:

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

	D 1	Reporting	TT	Spike	Source	N/BEG	%REC	DDD	RPD	3.7
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2090607 - General Prep - Organi	es									
LCS (2090607-BS1)				Prepared: (6-Sep-22 A	Analyzed: 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: (6-Sep-22 A	Analyzed: 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 - Organio	es									
Blank (2090618-BLK1)				Prepared: ()6-Sep-22 <i>A</i>	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	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: ()6-Sep-22 <i>A</i>	Analyzed: 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. 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:

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

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:

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2090620 - General Prep - Organics										
Blank (2090620-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	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: ()6-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: ()6-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			
Surrogate: 1-Chlorooctadecane	49.9		mg/kg	50.0		99.8	46.3-178			

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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



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Project Manager:								70	P.O.	*	1							_						_			_					_	_
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City: Midland		State: TX	Zip:	79	79701			Þ	Attn:		Vad	e D	Wade Dittrich											_									_
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Sampler Name:	SHANE ?	850010						773	Fax #:	*						-	3				_			_					_				
FOR LAB USE ONLY		7	,	\dashv	- 1	MA	MATRIX	1	-	PRESERV	SER		SAMPLING	ING		301	101	90	105		_			_									
Lab-I.D.	Sample I.D.	Sample Depth)RAB OR (C)OMP	CONTAINERS	ROUNDWATER	OIL	IL.	LUDGE	THER:	CID/BASE:	CE / COOL	THER:	DATE	⊒	TIME		TPH 8	BTEX	Chloria)									
Borros	Es- GE	.25.5	_	1	1	-		-	_	-	×		9.2-22	1100	0	1	X	K	K	1	+			_		+		-	+				
0	FS-93	.25.5		0	-	A					×	_	22.2.6	110	7	1	X	X	×	t	+	1		1		+			+				
N	HP-57	, 255		1		K	13				×		22-2-6	11	1104		1	X	1	+	+		1			+			+				
F	15-95	,25.5		^	-	~					K		2	1	6		+	X	X	1	+		1	1		+			-				
N	26-53	25.5		0	-	×	1				×		2	_	801	+	1	2 3	5		1		+			-			-				
6	F5-97	. 25-5		1		×	1				0		33-3-6	-	10	-	\ \ \	1		+	4		+			+			-				
2	FS 98	.255		10	1	××	1				K X		7-7-22	- 1	14	+	X 7	X	×.	+													
00	65-100	125.5		0		×					X		3.2.2	-	2		+	K	×	+	_		+			+			+				
5	101-12	,255		0	Г	×	1				×		.2		- 115		K	X	5	1	L	1	Н	L	Г	ŀ	1	T	-		ŀ		
PLEASE NOTE: Lability and Damages. Cardin analyses. All claims. Including those for negliger service. In no event shall Cardinal be liable for it	ASE NOTE: Labity and Damages. Cardinat's liability and lyses. All claims including those for negligence and any of vice. In no event shall Cardinal be liable for incidental or or	s client's exclusive remedy for any claim arising whether based in contract of for her cause whatbower shall be deemed waived unless made in writing and reor presequental damages, including without limitation, business interruptions, loss or	eny diale deemed g withou	n arising wh d waived un it limitation.	g wheth d unless flon, but	e made	in well	etract or tort, shall be ng and received by C flona, loss of use, or I	and recei	private by	shall be lim and by Card use, or loss of upon any	ardinal within loss of profits	30 days snourred ove state	sitter compile by client, its d reasons or	effon of subsid	fite ap faries, wise.	plicable							1	1	1	1	1	1	1	1	1	
Relinquished By	g out of or related to the perform	Date: 1514	R	(A) (§)	Received By	S X	0	5	2	3	6		3.	All R	desu Jenn	All Results are Blennings@	Verbal Result:	alled olum	ed. Ple	ase pro	rovi	ide Email addre	mail	add	ress ?	"					1,0		
Relinquished By:		Date:	Z	eceiv	Received By	By:			<				C	2	VENNUNN	3											2		3	100	3		
Delivered By: (Circle One)	ircle One)	Tamp.	28	20	0.60	Sample Condition	2 E	Conditi	ion		△ 9) FE	(Initials)	The	maro	Turnaround Tir		53	RUS	Standard	. 2		m Q n	ool Ye	Cool Intact	Yes	0	Cool Intact Observed Temp.	ved	Ten	Observed Temp. °C	0	
Sampler - UPS - Bus - Other:	Bus - Other:	Corrected Temp. "C	いつ	0		ÁČ	No P	Yes	0 0		N	9	1	Con	- actio	Correction Facto		960	3	c-10.11	100	L	L	z	No No	No		огте	ctec	Ter	Corrected Temp, °C	C	1

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

	(575) 393-2326 F	FAX (5/5) 393-24/6	ľ		1		-		١	١		ANALYSIS R	REQUEST	ST	_
Company Name:	Ensolum LLC				Г	118	7 10		1	1	1		1		_
Project Manager:					P.O.	*									_
Address: 601 N	601 N. Marienfeld St. STE 400	400			Co	Company: O	Oxy USA, Inc.	,,,				_			_
City: Midland		State: TX Z	Zip:	79701	Attn:	n: Wade Dittnon	Dittnon				_	_		_	_
Phone #: 432	230 334	Y Fax #:			Ad	Address:			_		_	_		_	_
038	2	Project Owner:	0	XXX	City:	y:			_		0	_			_
Project Name:	Bawalt				State:		Zip:				00	_	_		_
Project Location:	Eddy				Ph	Phone #: 5	575-390-2828			6	45				_
Sampler Name:	SHANE	DICUER			Fa	Fax #:			15	21					
FOR LAB USE ONLY			IP.	MATRIX	_^	PRESERV.	SAMPLING	ING	80	80	des				_
Lab I.D.	Sample I.D.	Sample Depth	G)RAB OR (C)OM	GROUNDWATER WASTEWATER SOIL DIL	SLUDGE OTHER:	ACID/BASE: ICE / COOL OTHER :	DATE	TIME	TPH &	BTEX	Chlori				
	PS-102	.25-5	_			×	9.2-22		K	K	1		+		
200	15-103	.25-,5		^	F	×	22.2-6		, ×	X	(x		+		
13	F5-104	.255	-		-	×	N.	111	()	X			+		
ュ	18-165	,25.5	_	×			33-2-6	3311	5)	× ×	X		+		
S	15- 106	,25.3	_	2	1	3	2	1	×	ĸ	5		-		
5.6	FC-104	5-50		C x.		×	9-2-22	1131	X	K	X		+		
7	15-109	1.25.5		X)		×	22-2-6	1	×	×	()		+		
30	8-110	125-5		x >		×	22.2.5	130	< x	K	X		+		
PLEASE NOTE: Labelly and Dan	EAGE NOTE: Lability and Damages. Cardinal's lability and dis	ert's exclusive ren	or any claim aris	arraing whether based in contract or fort, shall be limited waived unless made in writing and received by Cardinal	ontract or tort	ort, shall be limited ceived by Cardinal	days		6 "						
service. In no event shall C affiliates or successors airis	vice. In no event shall Cardinal be liable for incidental or co lates or successors arising out of or related to the performa	nce of services hereu	o dinal	nder by Cardinal, regardless, or whether such dasin is based upon any of the above	in claim is be	esed upon any of the ab	he above stated re	Verbal Result:	esult:	D Y	'es 🗆	□ No Add'l Phone #:			
1 3	Tell	Time: 514	7.00	Shoot A	0	2	3	BJenning:	Results are emailed. Ple BJennings@ensolum.com	mailed	. Pleas	All Results are emailed. Please provide Email address: B.Jennings@ensolum.com	96		
Relinquished By:	Y	Date:	7	Vecelved by.			(•		P. Cardina	
Delivered By: (Circle One)	Sircle One)	Observed Temp of	270	Sar	e Conditio		CHECKED BY: (Initials)	Turnaround Time:	and Tim	#113	Stand	land	tact	C/S	
Sampler - UPS -	Bus - Other:	Corrected Tamp. "C	9	O Tres	Yes Hives	- M	0	Thermometer ID	h .	#113 05°C	0	No I No	No No	Corrected Temp. °C	

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

Page 93 of 99

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

(010) 020200	0 170 (010) 000 2710	200		ANALYSIS REQUEST
Company Name: Ensolum, LLC	C	BILL 10		
Project Manager:		P.O. #:		
Address: 601 N. Marienfeld St. STE 400	STE 400	P	Inc.	
City: Midland	State: TX Zip: 79701	Attn: Wade Dittrich		
e#: 432 230	3344 Fax #:	Address:		
	Project Owner: OXY	City:		
B . 9	,	State: Zip:		
9	8)	Phone #: 575-390-2828	5	
Sampler Name: SHANE	DILLER	Fax#:	15	
	OMP.	MATRIX PRESERV. SAM	801 801 des	
Lab I.D. Sample I.D.	Sample Depth G)RAB OR (C)O CONTAINERS GROUNDWATE	VASTEWATER SOIL SILUDGE OTHER: ACID/BASE: CE / COOL OTHER:	TPH BTEX Chlo-	
21 - 22	Δ	κ.	1135 × × ×	
		22.2.6 x x x	1136 X X	
22	. 255	22.2.6 X X	-	
211 -57	> 556	22-2-6 N	1138 × × ×	
2	25-5	22-2-5 X X	1137 X X	
-27	. 25.5 6	х г. 2-2-22	1140 X X	
27	.255 €	x x x 7-2-22	1141 8	
25-12	.25 . 5 C	. 7.6	-	
B 15-120	125-15	2-7-5 X X X	1 2 00 1	
PLEASE NOTE: Lability and Damages. Cardinal's list	FS 2 3 5 X X X X X X X X X X X X X X X X X X	arrang whether based in contract or fort, shall be limited to the amount p waived unless made in writing and received by Cardinal within 30 days at	-	
service. In no event shall Cerdinal be lable for inconstrat or affiliates or successors arising out of or related to the performance of the perfor	of commence of sections hereunder by Certain Ingardess of whether such daim is be of the commence of sections and the commence of sections and the commence of sections and the commence of sections and the commence of sec	and is	Verbal Result: Yes No	Add'I Phone #:
Walled Park	200	de one	All Results are emailed, invesse provide community and Blennings@ensolum.com	THE CONTRACT OF THE CONTRACT O
Relinquished By:	Date: Received By	By:	REMARKS:	
	Time:	1		
Delivered By: (Circle One)	200	Sample Condition CHECKED BY: Cool Intact (Initials)	- 3	
Sampler - UPS - Bus - Other:	0	No.	Correction Factor -08'E-O- 0'S	□ No Corrected Temp. °C

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

Page 94 of 99

Relinquished By:

Time:

Sample Condition

CHECKED BY: (Initials)

Turnaround Time:

Standard

Bacteria (only) Sample Condition
Cool Intact Observed Temp. °C

Yes Yes
No Corrected Temp. °C

nometer ID #113

REMARKS:

BJennings@ensolum.com

000

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

				201 40		•	ANALYSIS KEQ	XECOEC -
Company Name:	Ensolum, LLC			101100	-	1	-	
Project Manager:				P.O. #:				
Address: 601 N	601 N. Marienfeld St. STE 400	00		Company: Oxy USA, Inc.				
City: Midland		State: TX	Zip: 79701	Attn: Wade Dittrich				
Phone #: 432	230 3344	Fax #:		Address:				
9	1417054	Project Owner:	OXX	City:		0		
Project Name:	Balach			State: Zip:		00		
r Oject Hairie.	11/2			Phone #: 575-390-2828				
Project Location:	Eddy Co							
Sampler Name:	SHANE D.	1668		1	15			
FOR LAB USE ONLY			MATRIX	PRESERV. SAMPLING	30,	les		
Lab I.D.	Sample I.D.	Sample Depth	RAB OR (C)OMP CONTAINERS ROUNDWATER ASTEWATER DIL	UDGE THER: CID/BASE: E / COOL THER:		Chloria		,
2010011	FS- 122	.25-5	3	X 9.2-22	1145 x	X		
ادر	F5- 123	.255	^	22.2.6 ×	X 2411	χ,		
200	- 1	25-5	3 0	X 9-2-28	X Chil	X		
and the second		.25.5	7)	22-2-6 x	×	X		
39.		25-5	C ×	22-2-5 X	×	+		
36	45/-53	25.5	2	22-2-6 3	1150 X	+		
يو		5-56	C . x	22-2-6 X	1151 X	X	-	
80		5.50		22-2-6 X	1152 x	X		
98	62-130	36.5	×	x 9-2-24	1153 ×	K		
59	151 - 15	25 - 5	C	15-2-58 X	K	×		-
PLEASE NOTE: Liability an	d Damages Cardinal's fability and of the thoras for needlosnoe and any other	ent's exclusive remedy for cause whatboever shall be	any claim arting whether based in co deemed waited unless made in write	VEASE NOTE: Locally and Damages. Cardrain's sactisative remody for any claim arising weeker based in contract or tort, shall be limited to the amount paid by the claim for the PLEASE NOTE: Locally and Damages. Cardrain's sactisative and claim is embody for any claim arising weekers are said of the cardinal within 30 days after completion of the applicable.	by the client for the completion of the applicable			
service. In no event shall Co affiliates or successors arisin	t shall Cardinal be liable for incidental or cone ors arising out of or related to the performance	equental damages, including without of sprvices hereunder by Cardinal	Cardinal, regardless of whether such day Received By:	ervice. In no event shall Cardinal be liable for incidental or consequental damingas, incusoring wirrout imissions, commence of white such desiral is based upon any of the above stated reasons or otherwise. Verbal Result	Verbal Result:	□ Yes □ No	Add'l Phone #:	
Relinquished by:	-	1			IAII Results are ema	alled. Please prov	All Results are emailed. Please provide citial addition.	

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com Cool Intact
Yes 7 Yes
No 1 No

Page 95 of 99

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



01 East Mariand, Floods, NM 90240 (575) 393-2326 FAX (575) 393-2476

	(0/0) 353-2360 (Wy (010) 000 FT				ANALYSIS REQUEST
Company Name:	Ensolum, LLC			BILL 10		
Project Manager:				P.O. #:		
Address: 601 N	601 N. Marienfeld St. STE 400	400		Company: Oxy USA, Inc.	ic.	
City: Midland		State: TX	Zip: 79701	Attn: Wade Dittrich		
Phone #: 432	230 334	YFax#:		Address:		
	1417054	Project Owner:	OXX	City:		
me:	2			State: Zip:	00	
9	Edd			Phone #: 575-390-2828	6	
Sampler Name:	SHANE	D1666R		Fax #:	5	
FOR LAB USE ONLY				PRESERV. SAMPLING	801	
Lab I.D.	Sample i.D.	Sample Depth	G)RAB OR (C)OI CONTAINERS BROUNDWATER WASTEWATER GOIL DIL	SLUDGE OTHER: ACID/BASE: CE / COOL OTHER:	TPH BTEX Chlori	
	65-132	.25.5	2	×	1155 x x x	
5	65-133	3	× >	22.2.b ×	1156 X X	
J.	cs-134	,25-,5	3	22-2-6 X	1157 × ×	
£	135	.25-5	^	22-2-6	1158 x x x	
£		25-5		22.2.5 1	1159 X X	
46		. 257.5	2	22-2-6 3	1159 X X	
47	F5- 138	.255	C ×	22-2-5 X	1100 x x x	
Sh		125.5	C x	22-2-5 X	1201 x x	
E.	FS- 140	125-15	C x	22.7.5 X	X 702/	
8	141-53	1.255	L	2-6 A limited to the amount	by the client for the	
PLEASE NOTE: Liability and Dur analyses. All claims including the service. In no event shall Cardina	- e s	equental damages.	edy for any craim artistig whether bearen in white and in accelered by Cardinal within shall be deemed waked unless made in writing and racelered by Cardinal within including without limitation, business interruptions, loss of use, or loss of profits	y Cardinal within or loss of profits	30 days after completion of the applicable incurred by client, its subsidiaries.	
Relinquished By	g out of or related to the perform	To be to the total	Received By:	daim is based upon any of the above stated in	Verbal Result: Yes All Results are emailed. Ples BJennings@ensolum.com	Obsolutions
Relinquished By:	- 6	Date: Of	Received By:		REMARKS:	
Delivered By: (Circle One)	ircle One)	0000000 Tomp 2070	Sample Condition	ndition CHECKED BY:		Standard Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C
	Othor	7	□ Ye	3	Thermometer ID #113	Yes Yes Corrected Temp. °C

HOR!

Page 96 of 99

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

						ANALIGIO DEGOTO
Company Name: Ensolum, LLC			DILL IV	-		
Project Manager:			P.O. #:			
Address: 601 N. Marienfeld St. STE 400	TE 400		Company: Oxy USA, Inc.	Ç.	_	
City: Midland	State: TX 2	Zip: 79701	Attn: Wade Dittrich			
ē	44 Fax #:		Address:			
41880	Project Owner:	OKY	City:		0	
K			State: Zip:		00	
112	0		Phone #: 575-390-2828	00	45	
SHANE	D16668		Fax #:	5	4	
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	301	les	
Lab I.D. Sample I.D.	Sample Depth	CONTAINERS ROUNDWATER ASTEWATER OIL LUDGE	THER: CID/BASE: CE / COOL OTHER:	TPH &	Chloria	
maximo Griun	.25-5	7	×	1203 × ×	X	
F3-143	.25.5	C ×	22.2.6 ×	1204 X >	×	
	, 25-,5	2	22-2-5 X	1205 x x	1	
	.25.5	×	12-1-6 x	1	×	
	25-5		22-2-5 1	1206 X X	+	
	25.5	K	6 9-2-22	1207 X	, ,	
57 PS-148	.255	C ×	22-2-6 X	× 8021	Χ 7	
£5-	.25.5		2.5	3021	+	
59 F3-150	125-5		1	1001	+	
151-5-1	1,25 - 35	C X	of in contract or lost, shall be limited to the amount paid if		ŀ	
PLEASE NOTE: Liability and Diamages. Cardinal's liability and oil analyses. All claims including those for negligence and any other service. In no event shall Cardinal be liable for incidental or cores	y and client's exclusive remedy for a my other cause whatsoever shall be o or consequental damages, including	off's exclusive remedy for any Grain arrang writers where we have a subject to the state of the	eixed by Cardinal within 30 der of use, or loss of profits incurre	r completion of the applicable slient, its subsidiaries, asons or otherwise.		
Relinquished By:	mance of	Received By:	m at beased upon any or the above sussess of	Verbal Result: All Results are email BJennings@ensolu	Yes No ed. Please prov	[Add'l Phone #: ide Email address:
Relinquished By:	Date:	Received By:	The o	REMARKS:		
	Time: *				1	Bacteria (only) Sample Condition
Delivered By: (Circle One)	0	Sample Condition Cool Intact Cool Intact	CHECKED BY:	Turnaround Time: Thermometer ID #113	Rush	Cool Infact Observed Temp. °C Yes Yes Corrected Temp. °C

Page 97 of 99

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



Authority Anne Enably Anne Charles		(5/5) 393-4346 FA	V (010) 000-141	ľ		١	١	ı	l	1	١	l	4	-		١		Δ		VSIS REQUEST	1
Although Although	Company Name:	Ensolum IIIC										L	E	77 10		1	1	,	1		
Sample I.D. Sample Depth State: Table State:	Project Manager:	11000								P.C	*	1				_	_			_	
State: 1X Zip: 19701 After: Wide Diffrich		Marienfeld St. STE 4	00							Co	np	any	100	D			_	_			
Address: April ril Apr			X	Ď.	79	701				Att	2	1	de	Dittrich		_				_	
Sample I.D. Sample Dought Sample	*	30 334	Fax #:							Ad	dre	SS									
State Stat		1705	Project Owner:	0	2	X				Cit	×							2		_	
Sample I.D. Sample Depth GREERY SAMPLING PRESERY	in he								Sta	te:			Zip:				00				
Sample I.D. Sample Depth (C) GRS TER (C) G	9	Edd, C								Ph	one	*	on	75-390-2828				45			
Sample I.D. Sample Depth R Reserved By. FS- 1572 25 - 5 C	Sampler Name:	ic.	53.3							Fa	*					5					_
Sample I.D. Sample Depth OCRATER Heat A RACENS COR. Sample Depth OCRATER A RACENS COR. Sample Copt OCRATER A RACENS COR. Sample Copt OCRATER A RACENS COR. Sample Copt OCRATER A RACENS COR. Sample Copt OCRATER A RACENS COR. Sample Copt OCRATER A RACENS COR. Sample Copt OCRATER A RACENS COR. Sample Copt OCRATER A RACENS COR. Sample Copt OCRATER A RACENS COR. Sample Copt OCRATER A RACENS COR. Sample Copt OCRATER A RACENS COR. Sample Copt OCRATER A RACENS COR. Sample Copt OCRATER A RACENS COR. Sample Copt OCRATER A RACENS COR. Sample Copt OCRATER A RACENS COR. Sample Copt OCRATER A RACENS COR. Sample Copt OCRATER A RACENS COR. Sample Copt OCRATER Copt OCRATER A RACENS COR. Sample Copt OCRATER A RACENS COR. Sample Copt OCRATER A RACENS COR. Sample Copt OCRATER Copt OCRATER A RACENS COR. Sample Copt OCRATER Thromography Copt OCRATER A RACENS COR. Sample Copt OCRATER Thromography Copt OCRATER Th	FOR LAB USE CINLY			MP.		K	3	TRI	×		PR	ESE	RV	SAMPL	NG	801		des			
FS- FS2	Lab I.D.	Sample I.D.									ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	TPH	BTEX				
R5-	No Propins	_	4	_	17			2	-	-		×		the	1121	K	K	×			
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FS- SK 25 - 5 C X X X X X X X X X	102		, 25-,5		0			K	+		+	×	1	22-2-	121	>	Х	,		-	
FS- SP	64		25.5		1		-	K		1	$\overline{}$	K	-	22-2-	1213	X	×	X			
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FS- IS8 25-5 C X X X X X X X X X X X X X X X X X X	Ido	_	25.5	_	1	-	-	x	+	+	+	-	+	2	1216	X	. 1	1			
FS- ILO 7.5-10 7.5-1	E	-	.255	_	1	1	-	×	+	+	+	×	-	1	1211	17	×	X			
Time: Time: Time: Sample Condition Sample Condition CHECKED BY: Turnaround Time: Standard Turnaround Time: Standard Turnaround Time: Standard Turnaround Time: Standard Turnaround Time: Turnaround Time: Standard Turnaround Time: Standard Turnaround Time: Standard Turnaround Time: Standard Turnaround Time: Time: Time: Sample Condition CHECKED BY: The Cool Intact Cool Intact	8	-	.25.5		10	1	1	18	+	+	+		-	. 6.		4 3	4 >	×			
Cool Intact Cool	109	_	1255		1		-	×	+	+	+	××	1	1		< >	4 7	×			
Cool Intact Core One) Contrage. Cardinal is accounted in a straight and interested by Cardingl within 30 days after completion of the applicable from a policy of the performance of perf	70	F5-161	.255	L	5	5	7	3	8	9	3	\$	1	d to the amount paid	by the client for the	2 7					
Sample Condition Cite One) Observed S. 70 Cool Intact City One City One	PLEASE NOTE: Liability and analyses. All claims including service. In no event shall Ca	Damages. Cardinal's liability and in the property of the prope	blent's exclusive remedy for an er cause whatsoever shall be d sequental damages, including	emed	waken	d unie	se me	intern	plon plon	nd rec	alved of use	by Ca	erdina ma of	within 30 days after profits incurred by d	completion of the lent, its subsidiaris	1	-				
Time: Date: Received By: Time: Sample Condition CHECKED BY: Turnaround Time: Standard & Bacteria (only) S Cool Intact (Inditials) The Cool Intact (Inditials) The Cool Intact (Inditials) The Cool Intact (Inditials) The Cool Intact (Inditials) The Cool Intact (Inditials)	Relinquished By	gout of or related to the performan	hereun	Re	AIBS	Per s	By:	of au	ch cla	3 3	9890	gon	to Ace	De SACORE SACORE SA	Verbal Res	sult:	□ Ye	Please prov	Add'I	Phone #: all address:	
Time: Sample Condition CHECKED BY: Turnaround Time: Standard & Bacteria (only) S Cool Infact (Indials) Thermometer ID #113 Thermometer ID #113	Relinquished By	Bull	Time: 54	Re	§ ()	e D	W.		2	0	7	(P	3	All Results Blenning REMARKS	JS@e	nsolum.	com	06 01	dii duri was.	
Observed Tem P3 Cool Intact (Aptials) Cool Intact (Aptials) Cool Intact (Aptials) Thermometer ID #113			Time:																	Date (polic) Con	Park Condition
NO INC. NO.	Delivered By: (C	4	35	20	0	- 40	Coo	ple C	Tac on	itio		10	2 H	CKED BY:	Turnaroun	d Tim	2 2	Standard		Cool Intact O	Observed Temp. °C

60

Page 98 of 99

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

		The state of the s									
Company Name:	Ensolum, LLC	()		BIL	BILL TO			ANA	ANALYSIS RE	REQUEST	
Project Manager:	Brawy Servings	2		P.O. #:							
Address: 601 L	9	st. Suite	te 400	Company: Oky	by USA, inc	C	_				
U.dland		-34	Zip: 79701	Attn: Wade	bittich						
Phone #: 432-230-8344		Fax #:		Address:							_
Project #: 0381412054		Project Owner:	п	City:				_			_
Project Name: Big	walt			State:	Zip:			_			_
	iddy County			Phone #: S	575-390-2828	18	0	_			_
Sampler Name: 5/	Shane Diller	,		Fax #:			150				_
FOR LAB USE ONLY			MATRIX	RIX PRESERV.	SAMPLING	15	21 b				
Lab I.D.	Sample I.D.	(in)	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL	OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	DATE TIME		Chlorides	on to the same			
7	17-53	0-0.25	7	×	38 THIB	_	×				
100	F5-162	0.25-5	×		9/411 122	×.	X				
74	ES-1197	25-5	e (9/1/17 1723	1 W	<>	1			
15	E3-165	26-5	•		H221 21/16	×	XX				
	NE	9/22	Son						,		
						1	+				
**************************************	d Darnages. Cardinan's liability and client's ig those for negligence and any officer cause ardinal be liable for incidental or consequent to out of or related to the performance of se	s eticlusive remedy for any use whatsoever shall be de antal damages, including w services hereunder by Car	any claim arising whether based in deemed walved unless made in v g without limitation, business inter Cardinal, regardless of whether su	aim arising whether based in contract or tort, shall be limited to the amount part and waved unless made in writing and received by Cardina within 30 days after out limitation, business interruptions, loss of use, or loss of profits incurred by a al. regardless of whether such claim is blased upon any of the above stated is	the amount paid by the client thin 30 days after completion of the incurred by client, its subsidition or other above stated reasons or other above stated reasons or other the client.	ent for the opplicable on of the applicable absidiaries, therwise.					1
hed B		Date: Date: Date:	Z A Z	igne		Verbal Result: All Results are em REMARKS:	☐ Yes ☐ nailed. Plea	□ No Add ase provide E	Verbal Result: ☐ Yes ☐ No ☐ Add'i Phone #: All Results are emailed. Please provide Email address: REMARKS:		
		Time:									
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °570.	Sample Condition Cool Intact Cool Intact Yes Pes	ondition CHECKED BY: ttact (Initials) Pes No		Turnaround Time: Standari Rush Thermometer ID #113 Correction Factor -0.8°C - O. (1) C	Stan Rus	Standard Rush	Bacteria (only) Cool Intact Yes Yes	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No Corrected Temp. °C	

Page 99 of 99



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

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 9	% 46.3-17	8						

Sample ID: FS - 5 1' (H224540-02)

TPH 8015M	mg/kg		Analyzed 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 %	6 46.3-17	8						

Cardinal Laboratories *=Accredited Analyte

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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 - 6 1' (H224540-03)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	123	% 46.3-17	8						

Sample ID: FS - 7 1' (H224540-04)

TPH 8015M	mg/kg		Analyzed 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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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 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	122 9	% 46.3-17	8						

Sample ID: FS - 10 1' (H224540-06)

TPH 8015M	mg/kg		Analyzed 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	% 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	mg/kg		Analyzed 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	89.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

Sample ID: FS - 34 3' (H224540-08)

TPH 8015M	mg/kg		Analyzed 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	105	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	124	% 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
 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		Analyzed 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		Analyzed 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. 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 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/kg		Analyzed 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 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	171 9	% 46.3-17	8						

Sample ID: FS - 98 6' (H224540-12)

TPH 8015M	mg/kg		Analyzed 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 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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Celey D. Keine



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



Company Name:	Engolum, LC	LLC	476	BILL TO	•	ANALYSIS REQUEST
Address: 601 N	Morniell	84 Suite	400	Company: OKY ()	SA, inc	
city: Midland		State	Zip: FOFOI	Attn: (wade	Hrich	
Phone #: 432	230 3344	Fax #:		SS		
Project #: 03/8/	h50£11118180	Project Owner:	TOXU	City:		
Project Name:	Sia Walt		,	State: Zip:	,	
Project Location:	O Eldy Co	andy		#	575-390-2828	ETT
Sampler Name:	Ha	Hackenzie	4			
FOR LAB USE ONLY		-	$\overline{}$	ESERV.	SAMPLING 315	97677
Lab I.D. H2245-40	Sample I.D.	I.D. Depth	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	TIME	San Control of the Co
-	8-4	1.1	\ \	×	_	
2	5-57	1,1	Clx	0	X 9111 X	
cr	6-63	11	C ₁ ×	X GIRAID	X 0211 2	
4	4-53	1.5	C - X	21/64/6 X	-	
5	15-9	21	C - ×	x 9/19/2		
6	FS-10	1,	C - X	2/196/6 X	=	
7	FS-33	-1	× - >	12/20/16 X		
00	65-34	w	C·X	X 9729/22	_	
9	15-25	CZ	C - X	X 9/29/27	X 202 1	
10		3'	C 1 X	× 9/24/22	X 4021 2	
PLEASE NOTE: Liability and Damages analyses. All claims including those for service. In no event shall Cardinal be lia affiliates or successors arising out of or r	nd Damages. Cardinal's liability and cl ng those for negligence and any other ardinal be liable for incidental or cons ng out of or related to the performano	ilent's exclusive remedy for any claim or cause whatsoever shall be deemed sequental damages, including without or of services hereunder by Cardinal.	y claim semed without ardinal,	arising whether based in contract or tort, shall be limited to the amount paid by the client for the wahred unless made in writing and received by Cardinal within 30 days after completion of the a limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	paid by the client for the after completion of the applicable by client, its subsidiaries, I reasons or otherwise	
Relinquished By:	J	Date:	Received By:		Verbal Result: □ \ All Results are emails	Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address:
Relinquished By:		Date:	Received By:	0	REMARKS:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C 0.10°C	Sample Condition Cool Intact Yes Tyes	ion CHECKED BY:	Turnaround Time: Thermometer ID #113 Correction Factor -0.5°C	Standard ☑ Bacteria (only) Sample Condition Rush ☐ Cool Intact Observed Temp. °C ☐ Yes ☐ Yes

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



	(5/5) 393-2326 FAX	FAX (575) 393-2476	476					
Project Manne.	Ensolum, LLC	()		BILL TO	9	AN	ANALYSIS REQUEST	
Project Manager:	BENK E	EMILYS.		P.O. #:				-
Address: 60/	V. Manufold	St Soit	0 400	Company: OXV ()	SIA, inc			
city: Nidbud		State: 1/k	Zip: 70761	bode				
Phone #: 432	230 3344 F	Fax #:		Address:				
Project #: 038 1417051	1	Project Owner:	in oxy	City:				
Project Name: 5	Big Walt		,	State: Zip:	1			
Project Location:	Edy Cunh	h		北の#	0-2828			
Sampler Name:	Demonther	Mark	12/C	Fax #:	_			
FOR LAB USE ONLY				PRESERV. SA	SAMPLING			
Lab I.D. #724540	Sample I.D.	Repth	(G)RAB OR (C)O # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	TPH			
12	FS-86	1	2×	YX	1220 x			
(3)	FS-102	6	c - x	22/89/6 X	_			
In	ES - 131	17	×	x glight				
	NFE	9/29/22	Sann					
PLEASE NOTE: Liability and Dam	ance Cardinal's liability and claus.							
analyses. All claims including those service. In no event shall Cardinal is affiliates or successors arising out o	e for negligence and any other cause to be liable for incidental or consequenta of or related to the performance of sen	whatsoever shall be d il damages, including vices hereunder by Ca	s including those for negligence and any other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal walth, 20 stable lower shall be deemed walved unless made in writing and received by Cardinal walth, 20 stable Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurs 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.	analyses. All claims including those for negligence and any office cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 20 days after competion of the applical service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated measure or otherwise.	aid by the client for the fler completion of the applicable client, its subsidiaries, reasons or otherwise			
Lenk	1	1000 00 00 00 00 00 00 00 00 00 00 00 00	Received by:	0 120	Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address:	es □ No Ado d. Please provide E	Add'l Phone #: de Email address:	
Relinquished By:	Tir	Date: Time:	Received By:	C	REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Oti	ne) Other:	Observed Temp. °C D. U.	- 40	tion CHECKED BY:		Standard N	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C	
FORM-000 K 3.2	007/21	Construction tempt. np. 00.	No D No	lo s	Thermometer ID #113 Correction Factor -0.5°C		O Ø	



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
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 - 86 0'-4' (H224967-01)

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						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



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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Celey D. Keine



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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Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Celey D. Keine

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

	10.0/ 000 -000					
Company Name: Ensolum, LLC	Ensolum, LLC			BILL TO		ANALYSIS REQUEST
Project Manager: Beaux Jennings	Beaux Jennings			P.O. #:		
Address: 601 N N	Address: 601 N Marienfeld Street, Suite 400	uite 400		Company: Oxy USA Inc.	1	
City: Midland		State: TX	Zip: 79701	Attn: Wade Dittrich		
Phone #: 210-219-8858	-8858	Fax #:		Address:		
Project #: 03BJ417	HSOFIN	Project Owner:	Smy String.	City:		
Project Name:	S HILLIAM	73		State: Zip:		
Project Location:	5 M. C	New Mexico	di	Phone #: 575-390-2828		
Sampler Name: Braue	Braux Szu			Fax#:	М	
FOR LAB USE ONLY		L	MATRIX	PRESERV. SAMPLING		
Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	TRIK 80	
_	SW-86	A-10	- X	X Idadaz	X 5591	
2	SW-48	0-6			18201	
:W	1	8-6			1100	
1	121-131	a	X 12	X	X	
d						
	S. Walley					
PLEASE NOTE: Liability and analyses. All claims including service. In no event shall Can affiliates or successors arising	I Damages. Cardinal's Sability and clie g those for negligence and any other or rdinal be liable for incidental or consec g out of or related to the performance	I client's exclusive remedy for any claim aris her cause whathoever shall be deemed wai raequental damagas, including without limi noe of services hereunder by Cardinal, regu	ry, claim seiting whether based in contract or tort, shall be limited to deemed waived untiless made in writing and received by Cardinal we without limitation, business interruptions, loss of lase, or loss of processor of the contract of	PLEASE NOTE: Lability and Damages. Cardinal's sability and client's exclusive remoty for any claim seiting whether based in contract or tor, shall be limited to the amount past by the client for the shall be demend waiter under a made in writing and received by Cardinal within 30 days after compassion of the applicable nervice. In no event shall Cardinal be liable for incidental or consequentsi demages, including without limitation, underess interruptions, loss of use, or loss of profits incurred by client, its substances, 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 respons or otherwise.	pplicable	
Kelinquished by	3	Time: 1486	Received by:	· Children	All Results are emailed. Please prov	led. Please provide Email address:
Relinquished By:		Date: Time:	Received By:		REMARKS:	
Delivered By: (Circle One) Sampler UPS - Bus - Ott	her:	Corrected Temp. C 30	Sample Condition Cool Intact Cool Intact No I No	tion CHECKED BY: (Initials) 28 70	Turnaround Time: Standard Rush Thermometer ID #113 Correction Factor -0.5°C	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No Corrected Temp. °C



APPENDIX F

C-141

Received by OCD: 1/11/2023 1:24:11 PM

District I 1625 N. French Dr., Hobbs, NM 88240 District II 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	nAB1528838615
District RP	2RP-3335
Facility ID	
Application ID	

Release Notification

			Resp	onsil	ole Party	y
Responsible	Party: Oxy I	JSA Inc.			OGRID:	16696
Contact Nam	e: Wade Dit	trich			Contact T	Celephone: 575-390-2828
Contact emai	l: wade_ditt	rich@oxy.com			Incident #	‡ nAB1528838615
Contact mail	ing address:	PO Box 4294, Ho	ouston, TX 77210			
			Location	of R	elease So	ource
Latitude 32.4	2281		(NAD 83 in de		Longitude <u>-</u> rees to 5 decin	
Site Name: B	ig Walt 2 St	ate #008			Site Type:	Tank Battery
Date Release	Discovered:	09/27/2008			API# 30-01	15-33315
Unit Letter	Section	Township	Range		Coun	ity
Н	2	22S	24E	Eddy		
Surface Owner		Federal Tr	Nature and	d Vol		Release justification for the volumes provided below)
Crude Oil		Volume Release		Curcurum	ons or specific	Volume Recovered (bbls):
□ Produced	Water	Volume Release	d (bbls): 1,000			Volume Recovered (bbls): 0
		Is the concentrate produced water	tion of dissolved c >10,000 mg/l?	chloride	in the	☐ Yes ☒ No
Condensa	te	Volume Release	d (bbls)			Volume Recovered (bbls)
☐ Natural G	as	Volume Release	d (Mcf)			Volume Recovered (Mcf)
Other (de	scribe)	Volume/Weight	Released (provide	e units)		Volume/Weight Recovered (provide units)
Cause of Rele	ease: 8 in po	ly line split.				1.88:14
						WA P1:88:310:582.

Incident ID	nAB1528838615	
District RP	2RP-3335	
Facility ID		
Application ID		

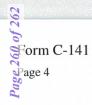
Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the re Release is grater than 25 barrels.	esponsible party consider this a major release?
⊠ Yes □ No		
If YES, was immediate no Yes, Rick Kerby (Oxy) or		o whom? When and by what means (phone, email, etc)?
res, Rick Reiby (Oxy) of	109/2//2008 at 1130.	
	Initial	l Response
The responsible p	varty must undertake the following actions imme	diately unless they could create a safety hazard that would result in injury
☐ The source of the rele	• •	
•	s been secured to protect human health	
		s or dikes, absorbent pads, or other containment devices.
	ecoverable materials have been removed above have not been undertaken, expl	
has begun, please attach a	a narrative of actions to date. If remed	nce remediation immediately after discovery of a release. If remedia dial efforts have been successfully completed or if the release occu C), please attach all information needed for closure evaluation.
regulations all operators are public health or the environm failed to adequately investigated to adequately investigated to a second control of the control	required to report and/or file certain release ment. The acceptance of a C-141 report by ate and remediate contamination that pose a	to the best of my knowledge and understand that pursuant to OCD rules and enotifications and perform corrective actions for releases which may endang the OCD does not relieve the operator of liability should their operations has a threat to groundwater, surface water, human health or the environment. In or of responsibility for compliance with any other federal, state, or local law
Printed Name: Wade Ditti	rich	Title: Environmental Specialist
Signature: Link	le Lille	Date: 1-49-23
email: wade_dittrich@oxy		Telephone: <u>575-390-2828</u>
OCD Only		
Received by:		Date:



Incident ID	nAB1528838615
District RP	2RP-3335
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 ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil
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 in Field data. It is subsurface features is subsurface features. The subsurface features is subsurface features in the subsurface features is subsurface features. The subsurface features is subsurface features in the subsurface features is subsurface features. The subsurface features is subsurface features in the subsurface features is subsurface features. The subsurface features is subsurface features in the subsurface features is subsurface features. The subsurface features is subsurface features in the subsurface features is subsurface features. The subsurface features is subsurface features in the subsurface features is subsurface features. The subsurface features is subsurface features in the subsurface features is subsurface features. The subsurface features is subsurface features in the subsurface features is subsurface features. The subsurface features is subsurface features in the subsurface features is subsurface features. The subsurface features is subsurface features in the subsurface features in the subsurface features is subsurface features. The subsurface features is subsurface features in the subsurface features is subsurface features. The subsurface features is subsurface features in the subsurface features is subsurface features. The subsurface features is subsurface features in the subsurface features is subsurface features. The subsurface features is subsurface features in the subsurface features is subsurface features. The subsurface features is subsurface features in the subsurface features is subsurface features. The subsurface features is subsurface features in the subsurface features is subsurface features in the subsurface features is subsurface features. The subsurface features is subsurface features in the subsurface features is subsurface features in the subsurface features is subsurface features in the subsurface features is subsurface featu	
	14 AM
Determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation technique, proposed remed	3 10:58:
If the site characterization report does not include completed efforts at remediation of the release, the report must include a polan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, pround methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are constant. 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.	poscu samping pan
	of pas



Incident ID	nAB1528838615
District RP	2RP-3335
Facility ID	
Application ID	

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

Printed Name: Wade Dittrich	Title: Environmental Specialist
Signature: July Dille	Date: 1-4-7-3
email: wade_dittrich@oxy.com	Telephone: <u>575-390-2828</u>
OCD Only	
Received by:Jocelyn Harimon	Date:01/12/2023



Incident ID	nAB1528838615
District RP	2RP-3335
Facility ID	
Application ID	

Closure

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

	
Closure Report Attachment Checklist: Each of the following item	ns must be included in the closure report.
☐ A scaled site and sampling diagram as described in 19.15.29.11 I	NMAC
Photographs of the remediated site prior to backfill or photos of must be notified 2 days prior to liner inspection)	the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC D	District office must be notified 2 days prior to final sampling)
Description of remediation activities	
I hereby certify that the information given above is true and complete and regulations all operators are required to report and/or file certain remay endanger public health or the environment. The acceptance of a compliance of 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 conditactor with 19.15.29.13 NMAC including notification to the OCI.	C-141 report by the OCD does not relieve the operator of liability diate contamination that pose a threat to groundwater, surface water, C-141 report does not relieve the operator of responsibility for ons. The responsible party acknowledges they must substantially itions that existed prior to the release or their final land use in
Printed Name: Wade Dittrich	Title: Environmental Specialist
Signature: finles film	Date: 1-4-23
email: wade_dittrich@oxy.com	Telephone: <u>575-390-2828</u>
OCD Only	
OCD Only	
Received by:	Date:01/12/2023
	liability should their operations have failed to adequately investigate and ter, human health, or the environment nor does not relieve the responsible regulations. Date: Title:
Closure Approved by:	Date:
Printed Name:	Title:
	4/14
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District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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 175174

CONDITIONS

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	175174
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

(Created By	Condition	Condition Date
	rhamlet	We have received your closure report and final C-141 for Incident #NAB1528838615 BIG WALT 2 STATE #008, thank you. This closure is approved.	4/14/2023