

State of New Mexico Oil Conservation Division

Incident ID	nAB1528834107
District RP	2RP-3334
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 follo	wing items must be included in the closure report.
A scaled site and sampling diagram as described in 19.1	15.29.11 NMAC
Photographs of the remediated site prior to backfill or p must be notified 2 days prior to liner inspection)	photos of the liner integrity if applicable (Note: appropriate OCD District office
■ Laboratory analyses of final sampling (Note: appropriate)	te ODC District office must be notified 2 days prior to final sampling)
□ Description of remediation activities	
nd regulations all operators are required to report and/or file hay endanger public health or the environment. The accepta hould their operations have failed to adequately investigate a uman health or the environment. In addition, OCD acceptar compliance with any other federal, state, or local laws and/or estore, reclaim, and re-vegetate the impacted surface area to	complete to the best of my knowledge and understand that pursuant to OCD rule certain release notifications and perform corrective actions for releases which need of a C-141 report by the OCD does not relieve the operator of liability and remediate contamination that pose a threat to groundwater, surface water, need of a C-141 report does not relieve the operator of responsibility for regulations. The responsible party acknowledges they must substantially the conditions that existed prior to the release or their final land use in the OCD when reclamation and re-vegetation are complete.
rinted Name: Wade Dittrich	Title: Environmental Specialist
ignature: Linkeld Liter	Date: 1-4-23
mail: wade_dittrich@oxy.com	Telephone: <u>575-390-2828</u>
Jocelyn Harimon	01/11/2023
Jocelyn Harimon eceived by:	01/11/2023 Date:
Jocelyn Harimon ecceived by:	Date: party of liability should their operations have failed to adequately investigate a surface water, human health, or the environment nor does not relieve the responsites and/or regulations.
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CLOSURE REPORT

Property:

2RP-3334 - 9.17.08 (Big Walt 2 State #008)

Eddy County, New Mexico 32.422360° N, 104.461126° W NMOCD Incident ID: nAB1528834107 District RP: 2RP-3334

January 11, 2023 Ensolum Project No. 03B1417069

Prepared for:

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

Prepared by:

Beaux Jennings

Senior Project Manager

Heather Holthaus Senior Project Manager



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CLOSURE REPORT

2RP-3334 - 9.17.08 (Big Walt 2 State #008)

Eddy County, New Mexico 32.422360° N, 104.461126° W NMOCD Incident ID: nAB1528834107 District RP: 2RP-3334

Ensolum Project No. 03B1417069

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-3334 - 9.17.08 (Big Walt 2 State #008), hereinafter referred to as the "Site".
- On September 17, 2008, approximately 90-100 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-3334 - 9.17.08 (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 17, 2008, approximately 90-100 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 for Soils Impacted by a Release							
Minimum depth below any point within horizontal boundary of the release to groundwater less than 10,000 mg/l TDS	Constituent	Method	Limit					
≤ 50 feet	Chloride	EPA 300.0 or SM4500 CI B	600 mg/kg					
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg					
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg					
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg					



3.0 SOIL REMEDIATION ACTIVITIES

On September 17, 2008, approximately 90-100 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-CI B.

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



6.0 DATA EVALUATION

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

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

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

7.0 RECLAMATION AND RE-VEGETATION

Subsequent to the results of the final confirmation soil sampling, the identified impacted soils were removed and taken off-Site for proper disposal. The excavated area was then backfilled with clean fill material and contoured to the original surrounding grade.

8.0 FINDINGS AND RECOMMENDATION

- On September 17, 2008, approximately 90-100 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 primary objective of the closure activities was to reduce COC concentrations in the on-Site soils to below the applicable New Mexico EMNRD OCD Closure Criteria for Soils Impacted by a Release using the New Mexico EMNRD OCD's NMAC 19.15.29 Releases as guidance.
- 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.
- 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, 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.



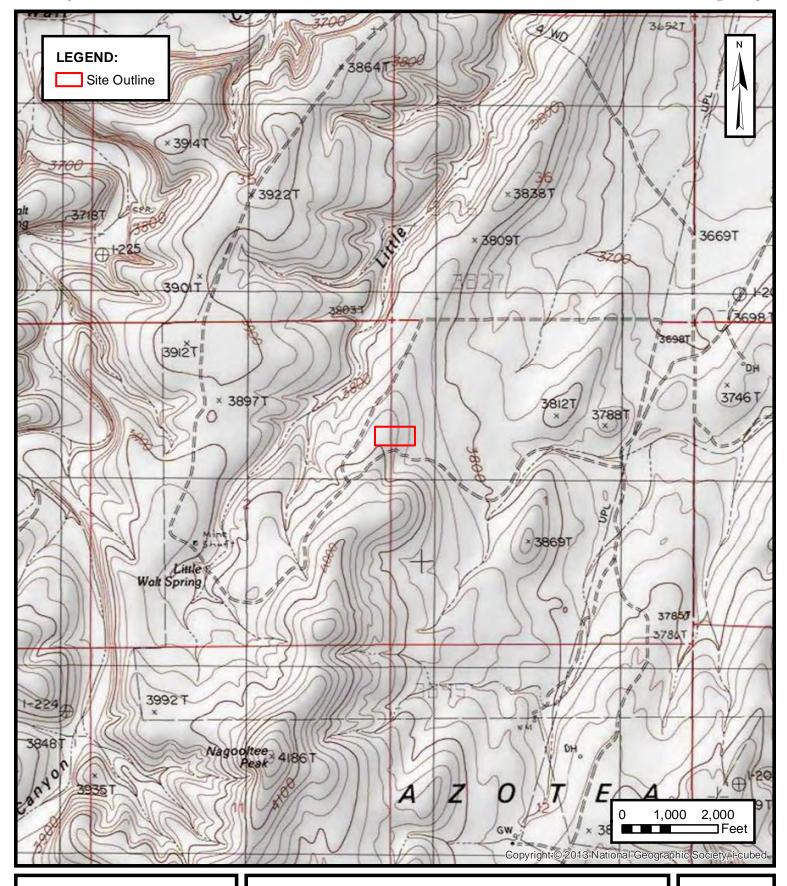
9.3 Reliance

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





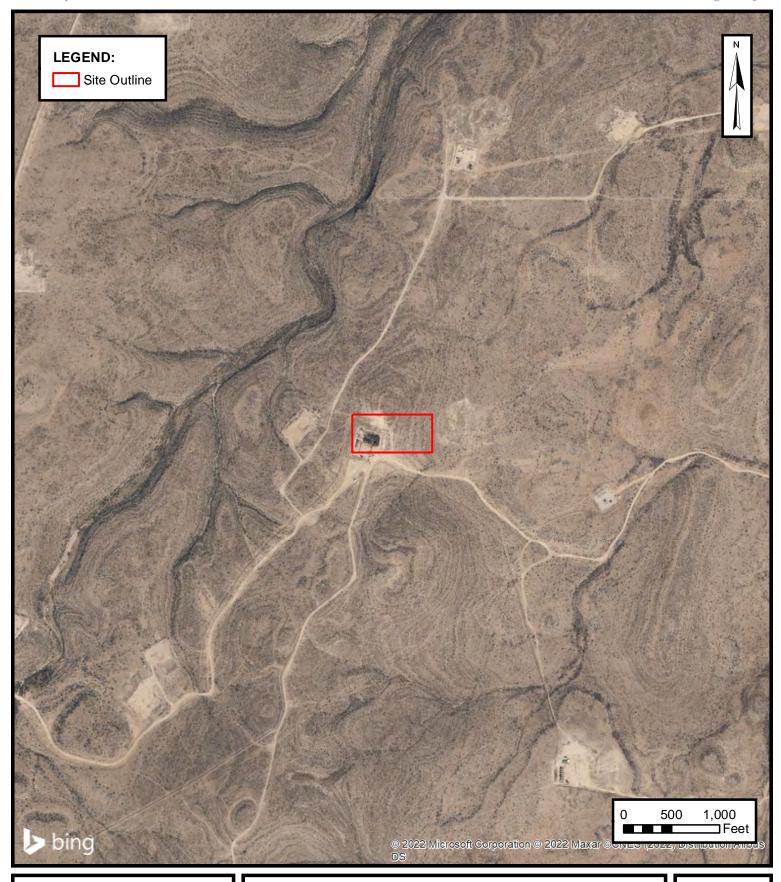
TOPOGRAPHIC MAP

OXY USA INC. 2RP-3334 - 9.17.08 (Big Walt 2 State #008) Eddy County, New Mexico 32.422360° N, 104.461126° W

PROJECT NUMBER: 03B1417069

FIGURE

1





SITE VICINITY MAP

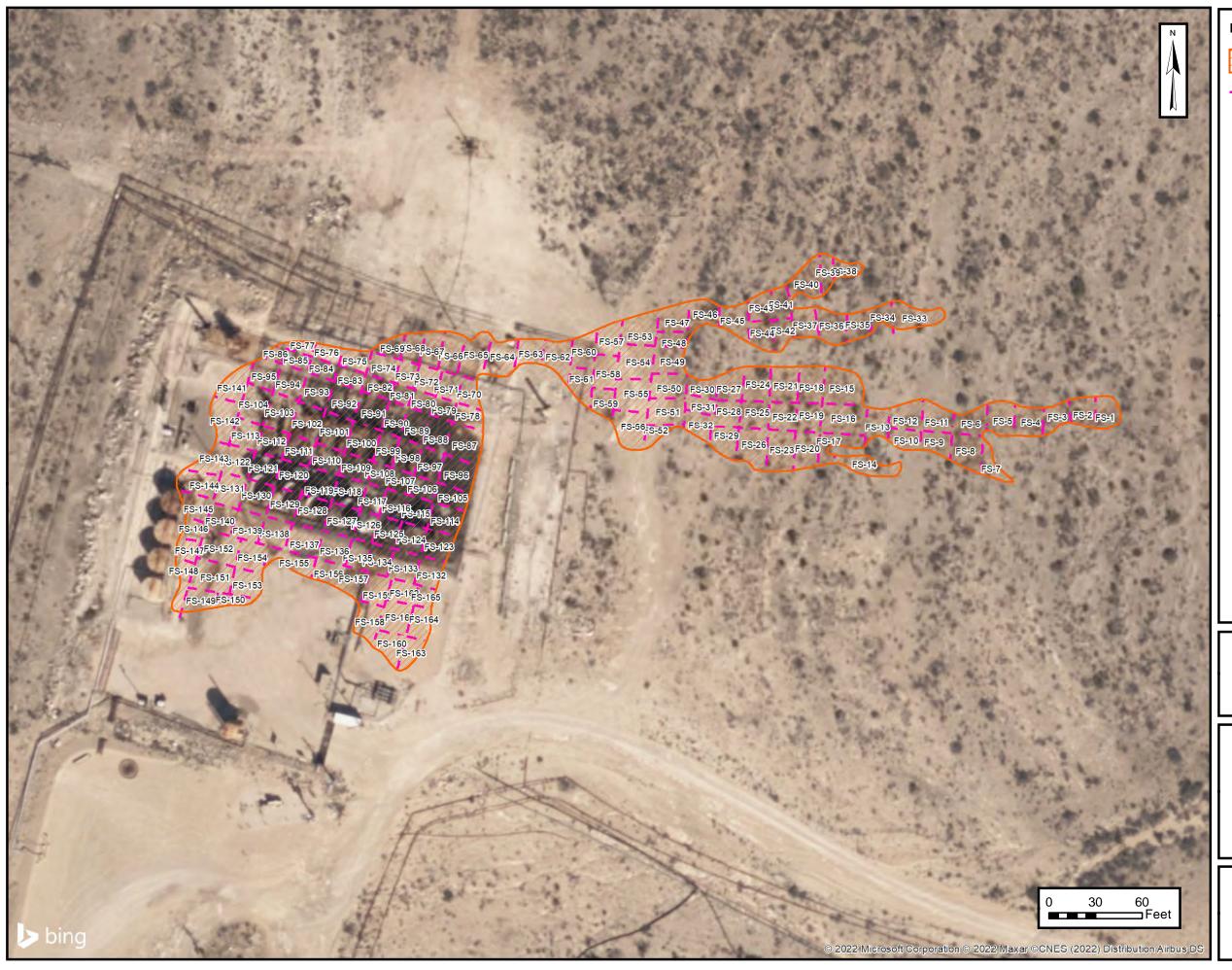
OXY USA INC. 2RP-3334 - 9.17.08 (Big Walt 2 State #008) Eddy County, New Mexico 32.422360° N, 104.461126° W

PROJECT NUMBER: 03B1417069

FIGURE

2

Received by OCD: 1/11/2023 1:16:19 PM







Release Extent

- - -

Soil Sampling Grid Boundary



SITE MAP

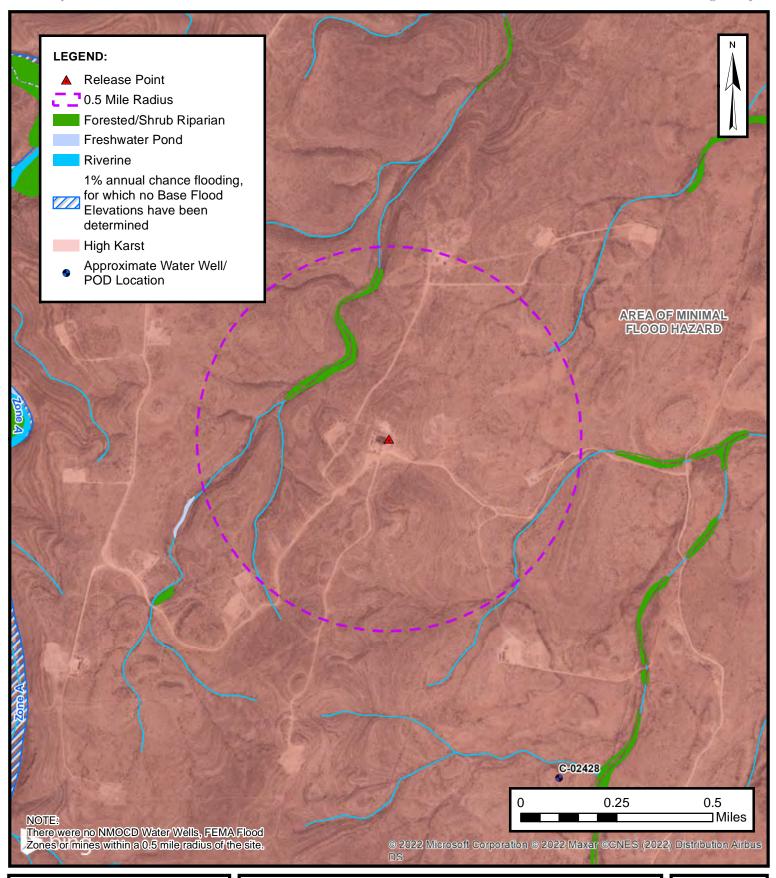
OXY USA INC. 2RP-3334 - 9.17.08 (Big Walt 2 State #008)

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

FIGURE

3

PROJECT NUMBER: 03B1417069





CLOSURE CRITERIA MAP

OXY USA INC. 2RP-3334 - 9.17.08 (Big Walt 2 State #008) Eddy County, New Mexico 32.422360° N, 104.461126° W

PROJECT NUMBER: 03B1417069

FIGURE

4



APPENDIX B

Supporting Documentation

National Flood Hazard Layer FIRMette





SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway

> depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X

0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average

Area with Flood Risk due to Levee Zone D

NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D

- - - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | LILLIL Levee, Dike, or Floodwall

> 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation **Coastal Transect** Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary **Coastal Transect Baseline Profile Baseline**

> > Hydrographic Feature

Digital Data Available No Digital Data Available

Unmapped

OTHER

FEATURES

MAP PANELS

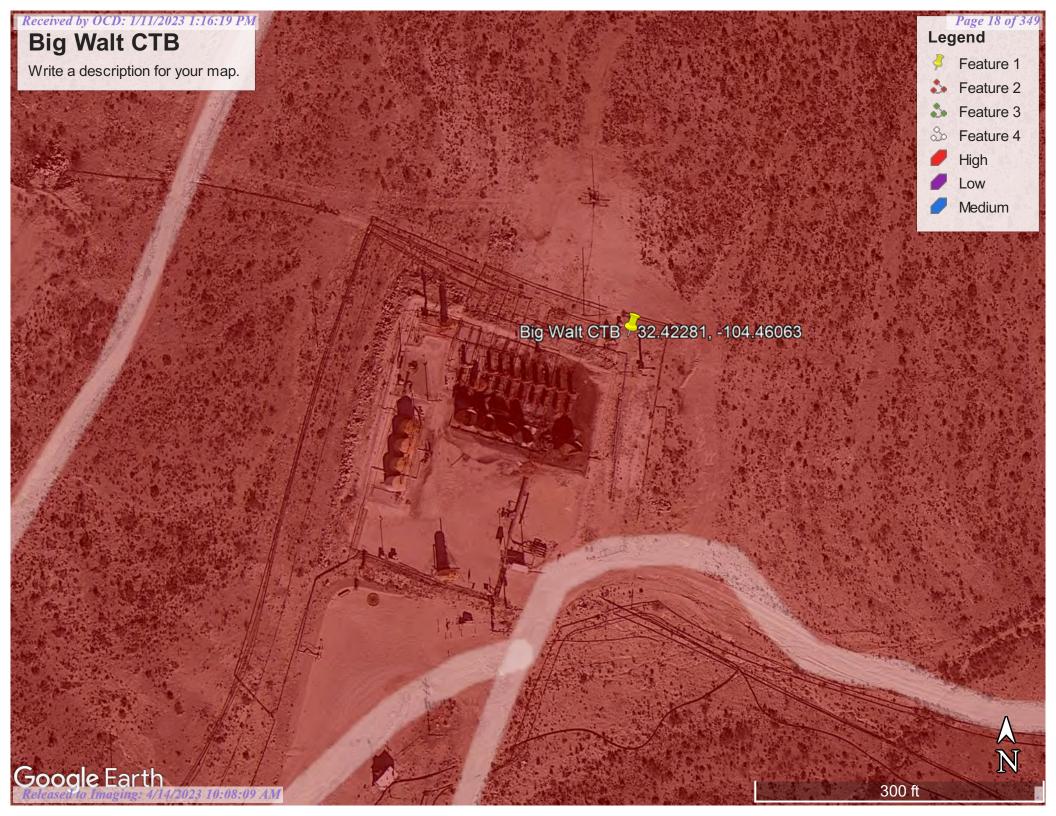
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

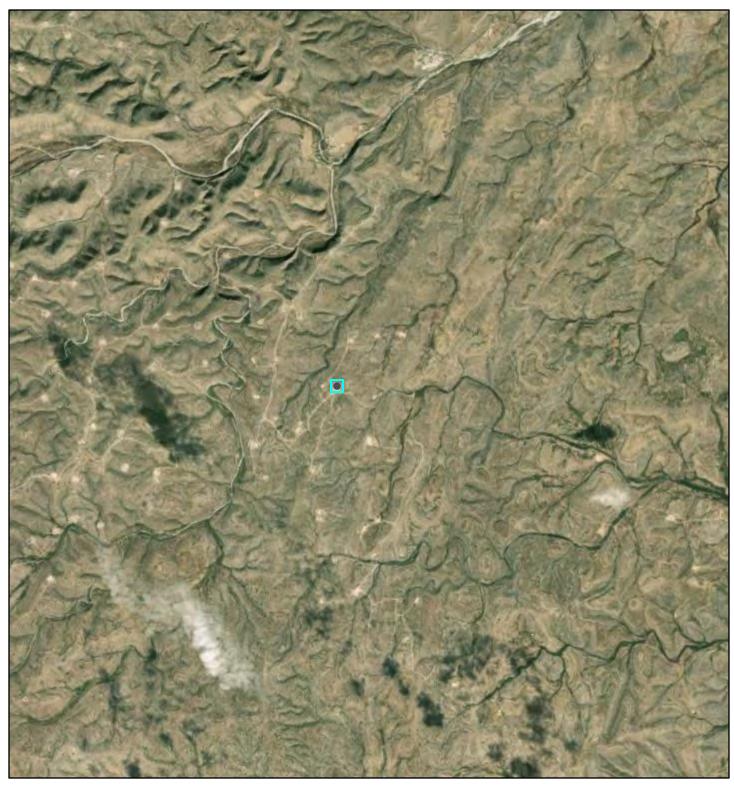
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 11/10/2022 at 5:32 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by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





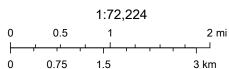
Active Mines in New Mexico



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

Registered Mines

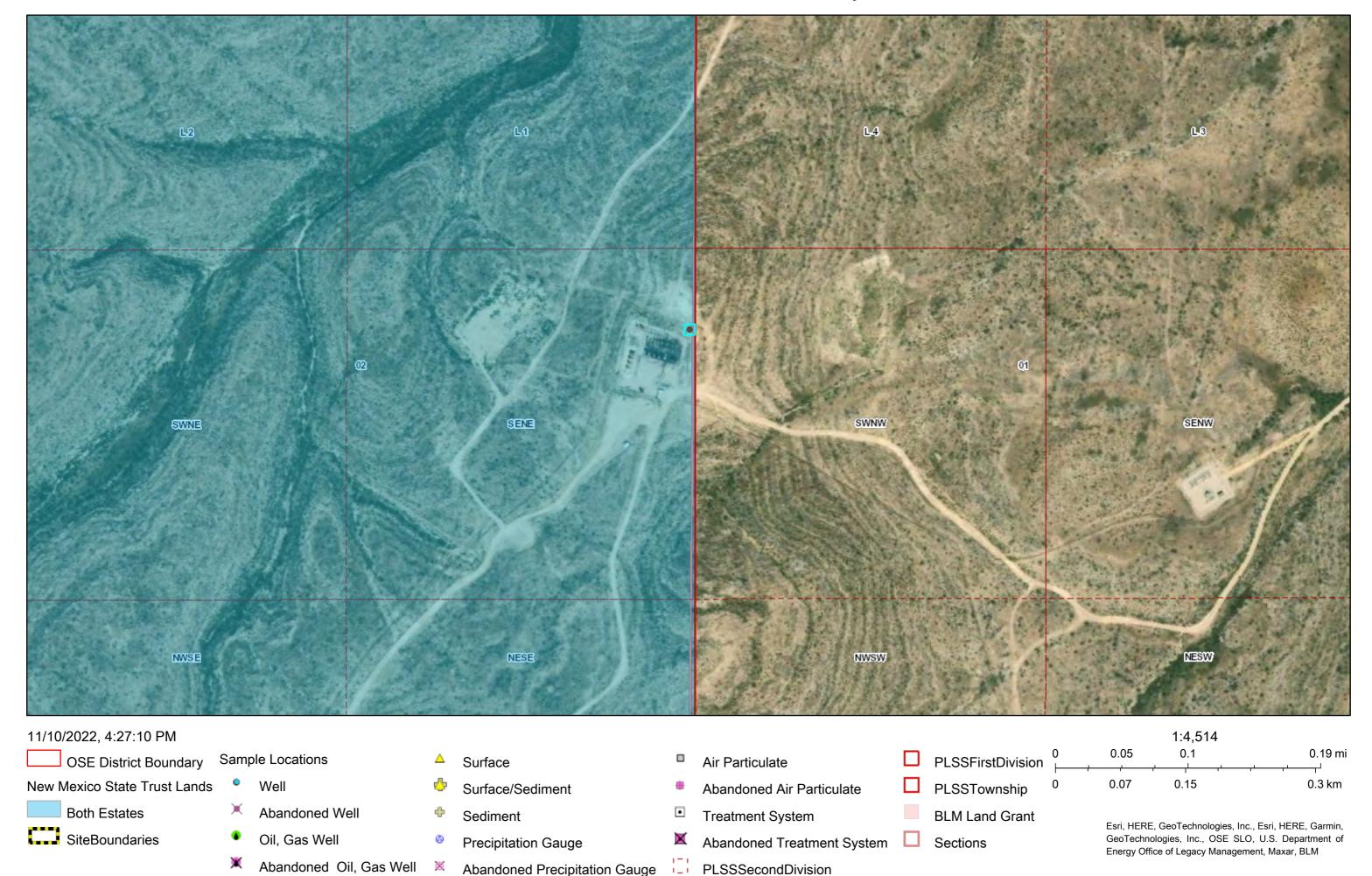
Aggregate, Stone etc.



Esri, HERE, Garmin, Earthstar Geographics

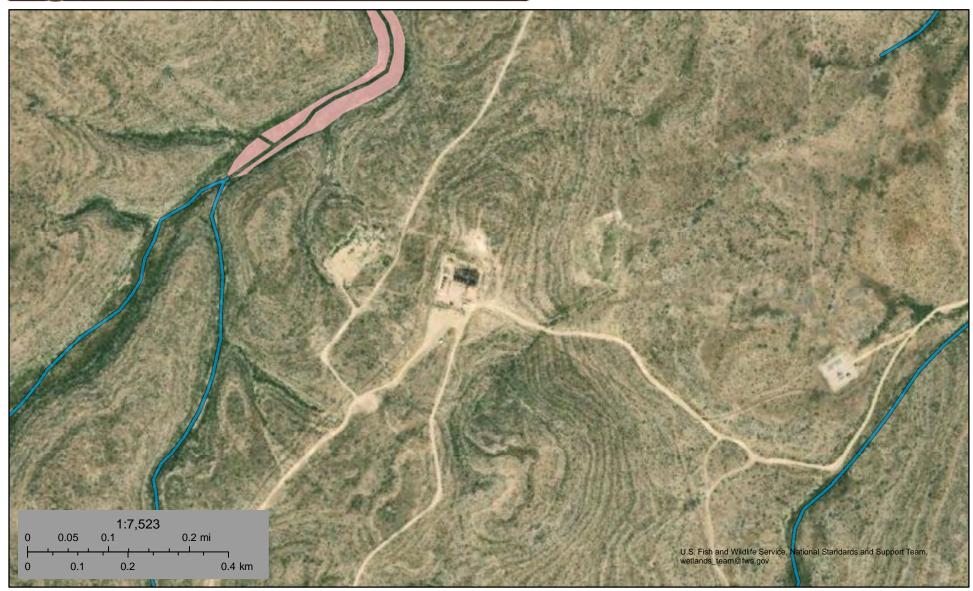
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OSE POD Locations Map





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 | Jocelyn.Harimon@state.nm.us





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

To: Enviro, OCD, EMNRD < OCD.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.



Released to Imaging: 4/14/2023 10:08:09 AM

Page 26 of 349

District I 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

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

State of New Mexico Energy Minerals and Natural Resources

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

SEP 26 2008 OCD-ARTESIA Form C-141 Revised October 10, 2003

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

	-		Rele	ease Notific	ation	and Co	orrective A	ction	1	Mr.
NABIS	52883	4107				OPERA	TOR		🖂 Laitia	al Report Final Repor
Name of Co				19246	3	Contact Ke			<u> </u>	in respect 7/20 1 man respect
		Carlsbad, NN	1 88220	<u> </u>		Telephone 1	No. (O) 505-887	-8337	C) 575-3	390-1903
Facility Nar	ne Big W	/alt disposal	line			Facility Typ	e Disposal Line	e		
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Surface Ow	ner BLM			Mineral C)wner	•	· · · · · · · · · · · · · · · · · · ·		Lease N	
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			Lai	titude		Longitud				
			Da	•		_	<u> </u>			
				NAT	'URE	OF REL				
Type of Rele							Release 90-100b			Recovered none
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Was Immedia	ate Notice (If YES, To			•	· · · · · · · · · · · · · · · · · · ·
	•		Yes 📙	No Not Re	quired	Jim Amos-	BLM Sherry Bo	hnam-N	NMOCD	<u> </u>
		ird- Oxy HES				Date and Hour See above				
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into one smal	l stream an	d ending. Per	BLM and	NMOCD permis						nis area will be monitored
continuously	to assure th	iat proper vege	etation cor	itinues.						
_										
I hereby certi	fy that the i	nformation gi	ven above	is true and comp	lete to th	ne best of my	knowledge and u	nderstar	nd that purs	uant to NMOCD rules and
regulations at	or the envi	are required to	o report ar acceptano	id/or file certain r	elease no	otifications ai	nd perform correct arked as "Final Ri	tive acti enori" d	ions for rela locs not reli	eases which may endanger eve the operator of liability
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or the environ	nment. In a	ddition, NMC	CD accep	tance of a C-141-	report d	oes not reliev	e the operator of i	responsi	ibility for co	ompliance with any other
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Title: HES S	pecialist					Approval Dat	e: 101 1511F	ı (رُ	Expiration l	Date: NA
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E-mail Addre	ss: kelton_	beaird@oxy.o	com			Conditions of	• •			Attached
Date: 9-18-08	8			•	Re	emediation	per O.C.D. R	ules 8	k Guideli	nes
Attach Addit		ets If Necess	ary	<u> </u>	Śŧ	JBMIT REI	MEDIATION P	ROPC	SAL NO	2RP- 3334
4.5					LA	ATER THAI	N:	42		OJICE VOOT

Bratcher, Mike, EMNRD

From:

Terry_Gregston@blm.gov

Sent:

Tuesday, May 12, 2009 4:47 PM

To:

Isaac Kincaid

Cc:

Bratcher, Mike, EMNRD; Susana Rodriguiz; Sergio Contreras; terry_gregston@nm.blm.gov

Subject: Re: FW: Oxy

Please refer to notes added in bold in the following email.

Terry Gregston Environmental Protection Specialist Bureau of Land Management 620 E. Greene St. Carlsbad, NM 88220 Office (575) 234-5958 Fax (575) 234-5927

"Isaac Kincaid" < ikincaid@sesi-nm.com>

To <mike.bratcher@state.nm.us>, <terry_gregston@nm.blm.gov>, "Sergio Contreras" <scontreras@sesi-nm.com>, "Susana Rodriguiz" <office2@sesi-nm.com>

05/12/2009 07:22 AM

Subject FW: Oxy

From: Isaac Kincaid [mailto:ikincaid@sesi-nm.com]

Sent: Thursday, May 07, 2009 5:26 PM

To: mike.bratcher@state.nm.us; 'terry_gregston@nm.blm.gov'; 'Kelton_Beaird@oxy.com' **Cc:** Sergio Contreras (scontreras@sesi-nm.com); Susana Rodriguiz (office2@sesi-nm.com)

Subject: Oxy

Dear Mr. Bratcher and Mrs. Gregston,

This letter is regarding the conversation that was taken place on May 7, 2009 at the Oxy Big Walt Battery, Oxy Shelby Federal #3, and Oxy McKittrick Central Tank Battery.

Oxy Big Walt Battery

In the conversation at the Battery site it was stated that the location looked okay and a mixture of the BLM #3 and BLM #4 seed will be applied and the site would be able to close once vegetation growth was stabilized. The application of the seed will be applied towards the end of June or beginning of July depending upon weather. Conformation samples of the area will be obtained and analyzed for TPH and BTEX. There will be no further action required.

PLEASE ADD: Erosion control measures will be implemented where the spill area has been trenched by washing and treatment applications. There will be no further action required once vegetation has been reestablished. (TG)

(Seeding may help with re-establishment, but if re-establishment of vegetation is not achieved after seeding, there may be further actions required to adequately reclaim the location. TG)



The Shelby location was proposed to obtain samples from location area and will be analyzed for TPH and BTEX. The site will then be steam cleaned and another application of micro-blaze will be applied towards the end of June or beginning of July depending upon weather. Once, the micro-blaze has been applied let set for a couple of months and then come back for conformation sampling.

PLEASE ADD: It is recommended that water be applied after the Micro-blaze to keep the microbes active, especially if the current drought conditions continue. Once the soils are remediated, seeding of the location is also recommended. Final closure of the location is dependent upon re-establishment of vegetation. (TG)

Oxy McKittrick Central Tank Battery

The Mckittrick Battery was proposed that the top 2' or easily removed area inside (east side) the tank battery will be excavated and hauled to an approved NMOCD facility. The area will then be backfilled with clean soil and the height of the berm wall will be elevated to an approved standard.

PLEASE ADD: Emergency secondary containment measures will be available on the location during all construction activities. (TG)

ADDITIONALLY: I discussed this location Jim Amos, BLM, because it is a large tank battery located in a critical cave/karst area with significant potential to affect groundwaters. This tank battery is unlined, which makes that potential greater. As part of the spill cleanup efforts, it would be in OXY's best interests to install some sort of liner in this tank battery. Likewise, installation of an overflow tank might be advised as well. TG.

Isaac Kincaid Safety and Environmental Solutions 505-390-8841 ikincaid@sesi-nm.com

This inbound email has been scanned by the MessageLabs Email Security System.





Bratcher, Mike, EMNRD

From:

Bratcher, Mike, EMNRD

Sent:

Tuesday, May 12, 2009 1:14 PM

To:

'Isaac Kincaid'; terry gregston@nm.blm.gov; Sergio Contreras; Susana Rodriguiz

Cc:

Kelton Beaird

Subject:

RE: Oxy

Isaac.

Regarding the Oxy Big Walt Battery:

It is my understanding that this remediation project encompasses three releases that had occurred on this site. The tank battery area on location has been dismantled and reset to a new site on the well pad to allow for remediation of the former battery site. The area of concern at this point, is the hillside adjacent to the well site. A Closure Report was presented to OCD during our meeting at the site on May 7, 2009. The Closure Report will be held pending outcome of the upcoming sampling event at the hillside area. If the analytical data warrants closure, a Final Report C-141 must also be submitted to OCD. For closure, like approval will be required from BLM.

Oxy Shelby Federal #3:

I agree with the proposal to obtain another round of samples from the release site. Dependent on the analytical data, further actions may be required at this site. A Closure Report was presented to OCD for this site as well during our May 7, 2009 meeting. The report will be held pending outcome of the upcoming sampling event and possible subsequent remedial actions. A Final Report C-141 will be required for final closure of this site as well as like approval from BLM.

Oxy McKittrick Central Tank Battery:

In reviewing the data on this release site, it seems, based on the analytical data, that the area exhibiting the highest hydrocarbon levels is BH-2, which is on the well pad in front of the load line. TPH at 5' bgs was 8000 mg/kg. OCD would require some material removal at this area. Taking into consideration that rock is encountered fairly shallow at this site, I would like to see as much of the impacted material removed in the battery area and the load line area as is practicable. The Closure Report submitted to OCD at our meeting on May 7, 2009 will be held pending satisfactory completion of this project. A Final Report C-141 and like approval from BLM will be required for final closure of this site.

For all projects, please notify OCD District 2 Office 48 hours prior to obtaining samples where analyses of samples obtained are to be submitted to OCD.

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

Please contact me for any questions and/or concerns.

Sincerely,

Mike Bratcher NMOCD District 2 1301 W. Grand Ave. Artesia, NM 88210 575-748-1283 Ext.108

mike.bratcher@state.nm.us

From: Isaac Kincaid [mailto:ikincaid@sesi-nm.com]

Sent: Tuesday, May 12, 2009 7:22 AM

To: Bratcher, Mike, EMNRD; terry_gregston@nm.blm.gov; Sergio Contreras; Susana Rodriguiz

Subject: FW: Oxy

From: Isaac Kincaid [mailto:ikincaid@sesi-nm.com]

Sent: Thursday, May 07, 2009 5:26 PM

To: mike.bratcher@state.nm.us; 'terry_gregston@nm.blm.gov'; 'Kelton_Beaird@oxy.com' **Cc:** Sergio Contreras (scontreras@sesi-nm.com); Susana Rodriguiz (office2@sesi-nm.com)

Subject: Oxy

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Oxy Big Walt Battery

In the conversation at the Battery site it was stated that the location looked okay and a mixture of the BLM #3 and BLM #4 seed will be applied and the site would be able to close once vegetation growth was stabilized. The application of the seed will be applied towards the end of June or beginning of July depending upon weather. Conformation samples of the area will be obtained and analyzed for TPH and BTEX. There will be no further action required.

Oxy Shelby Federal #3

The Shelby location was proposed to obtain samples from location area and will be analyzed for TPH and BTEX. The site will then be steam cleaned and another application of micro-blaze will be applied towards the end of June or beginning of July depending upon weather. Once, the micro-blaze has been applied let set for a couple of months and then come back for conformation sampling.

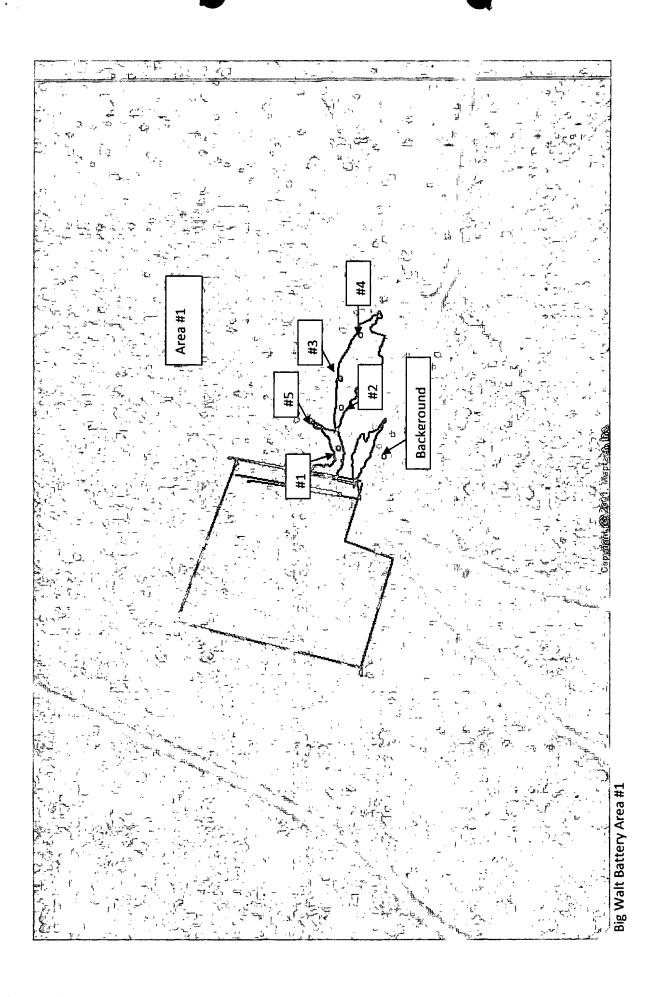
Oxy McKittrick Central Tank Battery

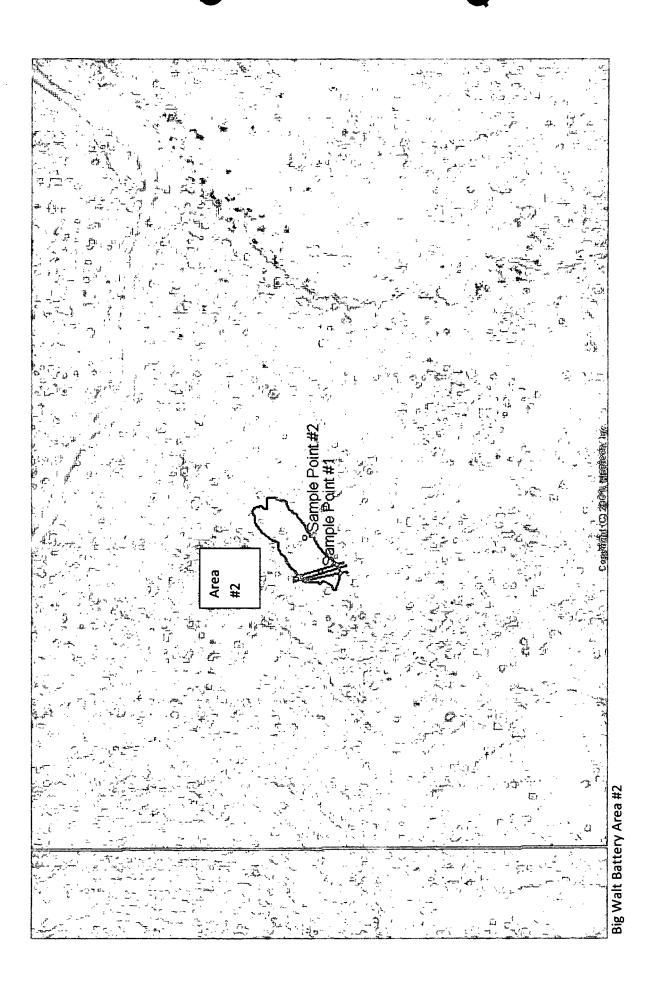
The Mckittrick Battery was proposed that the top 2' or easily removed area inside (east side) the tank battery will be excavated and hauled to an approved NMOCD facility. The area will then be backfilled with clean soil and the height of the berm wall will be elevated to an approved standard.

If you would please reply. Thank you,

Isaac Kincaid
Safety and Environmental Solutions
505-390-8841
ikincaid@sesi-nm.com

This inbound email has been scanned by the MessageLabs Email Security System.





Released to Imaging: 4/14/2023 10:08:09 AM

Big Walt Battery Results:

October 8, 2007

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

June 18, 2008

Sample point	Chlorides	Benzene	Toluene	Ethyl Benzene	Xyolene	ТРН
#1	74	ND	ND	ND	ND	47,000
#2	100	ND	ND	ND	ND	44,000
#3	260	ND	ND	ND	ND	31,000
#4	170	ND	ND	ND	ND	26,000

October 3, 2008

Sample point	Chlorides	Benzene	Toluene	Ethyl Benzene	Xyolene	ТРН
#1	96	ND	ND	ND	ND	970
#2	350	ND	ND	ND	ND	22,000
#3	22	ND	ND	ND	ND	4,900
#4	130	ND	ND	ND	ND	31,000
SP #1 Area 2	450	ND	ND	ND	ND	27,000
SP #2 Area 2	280	ND	ND	ND	ND	25

MAY -7 2009

Oxy USA Corporation Big Walt Battery Section 2 T22S R24 E Eddy County, New Mexico

Closure Report

May 6, 2009



Prepared for:

Oxy USA WTP LP P.O. Box 1988 Carlsbad, New Mexico 88221

By:

Safety & Environmental Solutions, Inc. 703 E. Clinton Hobbs, New Mexico 88240 (575) 397-0510

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III. SURFACE AND GROUND WATER	1
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IV. WORK PERFORMED	
V. CLOSURE PLAN	2
VI. FIGURES & APPENDICES	2
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Figure 2 – Site Plan	
Appendix A – Analytical Results	
Appendix B – Site Photos	(

I. Company Contacts

NAME	Company	Telephone	E-mail
Kelton Beaird	Oxy USA	575-390-1903	Kelton Beaird@oxy.com
Isaac Kincaid	SESI	575-390-8841	ikincaid@sesi-nm.com

II. Background

Safety and Environmental Solutions, Inc. (SESI) was engaged by Oxy USA Corporation to perform clean up services at the Oxy Big Walt Battery spill site. This is a tank battery leak, where an unknown amount of product was released.

III. Surface and Ground Water

The closest groundwater of record found on the Office of the State Engineer's online Database is located in Section 12, Township 22 South, Range 24 East. The depth of water in this well was 400' in 1914.

IV. Work Performed

On October 8, 2007, SESI was onsite to obtain samples from release. Grab samples were taken from spill area in the pasture. Samples were transported to Argon Laboratories analyzed for Chlorides (EPA method 300.0), Benzene, Toluene, Ethyl Benzene, Xylenes, (BTEX EPA method 8021B), and Total Petroleum Hydrocarbons, (TPH EPA method 418.1.) Samples are as follows:

Sample point	Chlorides (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl Benzene (mg/kg)	Xylenes (mg/kg)	TPH (mg/kg)
#1	300	<0.25	19	6.1	69	75,000
#2	130	<0.25	6.8	2.6	36	51,000
#3	200	<0.25	9.9	3.6	36	48,000
#4	560	<0.25	1.1	0.80	6.5	28,000
#5	92	<0.25	93	27	300	87,000
Background	<10	<0.005	<0.005	<0.005	<0.010	<10

On November 27, 2007, SESI was back onsite to apply absorbent pads from second leak. Absorbent pads absorbed oil that had been released down the hillside. The absorbent pads were then obtained and placed in a metal drum and taken to CRI for disposal.

On December 4, 2007, SESI was back onsite to wash the hillside with soap and water. The water that pooled at the bottom of the hill was vacuumed up and disposed of at CRI. Three separate applications of 4% micro-blaze was applied to the hillside. Samples were transported to Argon Laboratories analyzed for Chlorides (EPA method 300.0), Benzene, Toluene, Ethyl Benzene, Xylenes, (BTEX EPA method 8021B), and Total Petroleum Hydrocarbons, (TPH EPA method 418.1.) Samples are as follows:

On June 18, 2008, samples were obtained from hillside spill area.

Sample point	Chlorides (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl Benzene (mg/kg)	Xylenes (mg/kg)	TPH (mg/kg)
#1	74	ND	ND	ND	ND	47,000
#2	100	ND	ND	ND	ND	44,000
#3	260	ND	ND	ND	ND	31,000
#4	170	ND	ND	ND	ND	26,000

On October 3, 2008, SESI was back onsite to obtain samples from hillside. A third release, Area #2, occurred approximately 0.2 east of battery location. Samples were obtained and transported to Argon Laboratories analyzed for Chlorides (EPA method 300.0), Benzene, Toluene, Ethyl Benzene, Xylenes, (BTEX EPA method 8021B), and Total Petroleum Hydrocarbons, (TPH EPA method 418.1.) Samples are as follows:

Sample point	Chlorides (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl Benzene (mg/kg)	Xylenes (mg/kg)	TPH (mg/kg)
#1	96	ND	ND	ND	ND	970
#2	350	ND	ND	ND	ND	22,000
#3	22	ND	ND	ND	ND	4,900
#4	130	ND	ND	ND	ND	31,000
SP #1 Area 2	450	ND	ND	ND	ND	27,000
SP #2 Area 2	280	ND	ND	ND	ND	25

On November 14, 2008, SESI was back onsite with Action Express Steam Cleaning to pressure wash hillside with soap and water. After hillside was washed an application of 4% micro-blaze was re-applied.

V. Closure Plan

It is requested that no other action will be taken.

VI. Figures & Appendices

Figure 1 – Vicinity Map

Figure 2 – Site Plan

Appendix A – Analytical Results

Appendix B - Site Photos

Figure 1 Vicinity Map

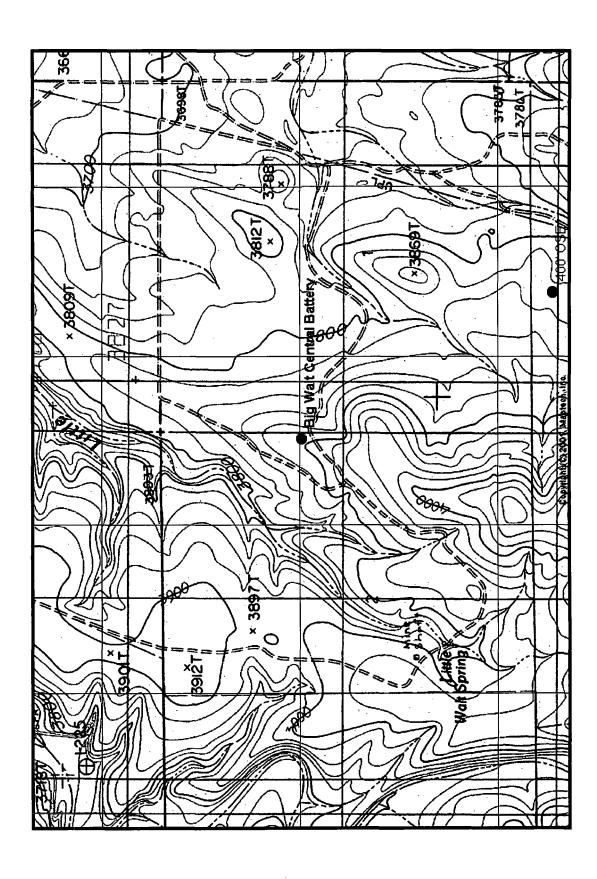
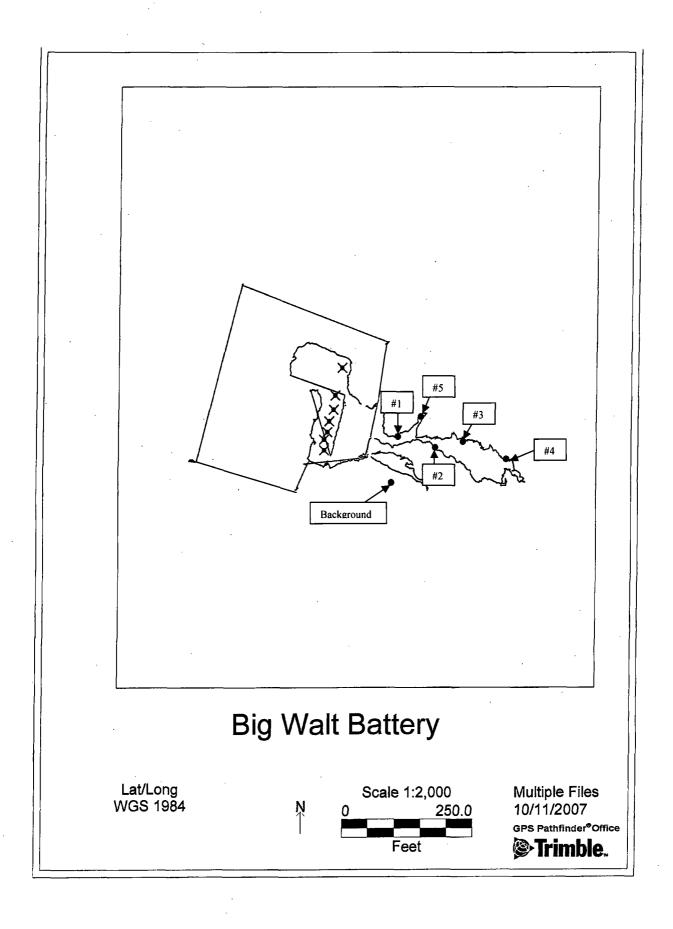


Figure 2 Site Plan



Appendix A Analytical Results

15 October 2007

Bob Allen Safety & Environmental Solutions, Inc. 703 E. Clinton Ave Hobbs, NM 88240

RE: Oxy Big Walt Battery Project Data

Enclosed are the results for sample(s) received on 10/08/07 16:35 by Argon Laboratories. The sample(s) were analyzed according to instructions in accompanying chain-of-custody. Results are summarized on the following pages.

Please see quality control report for a summary of QC data pertaining to this project.

The sample(s) will be stored for 30 days after completion of analysis, then disposed of in accordance with State and Federal regulations. Sample(s) may be archived by prior arrangement.

Thank you for the opportunity to service the needs of your company.

Sincerely,

Hiram Cueto
Lab Manager

Argon Labs					VOCTOILO DO MINIO			10	1060
2126 W. Marland Ave Hobbs, (505)397-0295 (505)397-0296	Hobbs, 1 97-0296	VM 88240 info@argonlabs.com	s.com		CHAIN OF COSTOD I)
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Safety & Environmental Solutions, Inc.

703 E. Clinton Ave Hobbs, NM 88240 Project Number: Oxy-07-015

Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.: B710006

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
# 1	B710006-01	Soil	10/08/07 10:45	10/08/07 16:35
# 2	B710006-02	Soil	10/08/07 10:50	10/08/07 16:35
# 3	B710006-03	Soil	10/08/07 10:55	10/08/07 16:35
# 4	B710006-04	Soil	10/08/07 11:00	10/08/07 16:35
# 5	B710006-05	Soil	10/08/07 11:05	10/08/07 16:35
Background	B710006-06	Soil	10/08/07 11:00	10/08/07 16:35

QC Officer Approval

Argon Laboratories, Inc.

2126 W. Marland Ave., Hobbs, NM 88240 • Phone (505) 397-0295 • Fax (505) 397-0296

email: info@argonlabs.com

Page 1 of 9

Safety & Environmental Solutions, Inc.

703 E. Clinton Ave Hobbs, NM 8824 Project Number: Oxy-07-015

Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.: B710006

Anions by Ion Chromatography - EPA Method 300.0

			,					
Analyte		Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
# 1 (B710006-01) Soil	Sampled: 10/08/07 10:45	Received	l: 10/08/07 1	6:35				
Chloride		300	10	mg/kg	1	10/11/07	EPA 300.0	
# 2 (B710006-02) Soil	Sampled: 10/08/07 10:50	Received	l: 10/08/07 1	6:35				
Chloride		130	10	mg/kg	1	10/11/07	EPA 300,0	
# 3 (B710006-03) Soil	Sampled: 10/08/07 10:55	Received	l: 10/08/07 1	6:35				
Chloride	== =	200	10	mg/kg	1	10/11/07	EPA 300.0	
# 4 (B710006-04) Soil	Sampled: 10/08/07 11:00	Received	l: 10/08/07 10	5:35				
Chloride		560	10	mg/kg	1	10/11/07	EPA 300.0	
# 5 (B710006-05) Soil	Sampled: 10/08/07 11:05	Received	l: 10/08/07 10	5:35				
Chloride		92	10	mg/kg	1	10/11/07	EPA 300.0	
Background (B710006-	-06) Soil Sampled: 10/08	/07 11:00	Received: 10	0/08/07 1	6:35			
Chloride		<10	10	mg/kg	1	10/11/07	EPA 300.0	

QC Officer Approval

Safety & Environmental Solutions, Inc.

703 E. Clinton Ave Hobbs, NM 88240 Project Number: Oxy-07-015

Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.: B710006

BTEX EPA Method 8021B

		Reporting					
Analyte	Result	Limit	Units	Dilution	Analyzed	Method	Note
# 1 (B710006-01) Soil	Sampled: 10/08/07 10:45 Receive	d: 10/08/07 1	6:35				D-1
Benzene	<0.25	0.25	mg/kg	50	10/11/07	8021B	
Toluene	19	0.25	u	Ü	п	n	
Ethylbenzene	6.1	0.25	11	II	n	et	
Xylenes (total)	69	0.50	H	#	ti .		
Surr. Rec.:		87 %			"	"	
# 2 (B710006-02) Soil	Sampled: 10/08/07 10:50 Receive	d: 10/08/07 1	6:35				D-1
Benzene	<0.25	0.25	mg/kg	50	10/11/07	8021B	
Toluene	6.8	0.25	**	n	et.	11	
Ethylbenzene	2.6	0.25	**	11	n,	n	
Xylenes (total)	36	0.50	u	H	n	ø	
Surr. Rec.:		108 %			n n	"	
# 3 (B710006-03) Soil	Sampled: 10/08/07 10:55 Receive	d: 10/08/07 10	6:35				D-1
Benzene	<0.25	0.25	mg/kg	50	10/11/07	8021B	
Toluene	9.9	0.25	tt	n	п	п	
Ethylbenzene	3.6	0.25	II .	H	п	11	
Xylenes (total)	36	0.50	"	n	II .	**	
Surr. Rec.:		88 %			"	n	
# 4 (B710006-04) Soil	Sampled: 10/08/07 11:00 Receive	d: 10/08/07 10	6:35				D-1
Benzene	<0.25	0.25	mg/kg	50	10/11/07	8021B	
Toluene	1.1	0.25	0	п	n	n	
Ethylbenzene	0.80	0.25	**	II	n	u	
Xylenes (total)	6.5	0.50	**	Ü	Ħ	u	
				·			

QC Officer Approval

Safety & Environmental Solutions, Inc.

Safety & Environmental Solutions, Inc.

703 E. Clinton Ave Hobbs, NM 88240 Project Number: Oxy-07-015

Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.: B710006

BTEX EPA Method 8021B

							
Ţ		Reporting				,	
Analyte	Result	Limit	Units	Dilution	Analyzed	Method	Note
# 5 (B710006-05) Soil Sample	d: 10/08/07 11:05 Received	d: 10/08/07 1	6:35				D -3
Benzene	<0.25	0.25	mg/kg	50	10/11/07	8021B	
Toluene	93	0.25	Ü	D	Ħ	n	
Ethylbenzene	27	0.25	n	0	ü	ŧ	
Xylenes (total)	300	0.50	11	n	н	11	
Surr. Rec.:		95 %			"	u	
Background (B710006-06) Soil	Sampled: 10/08/07 11:00	Received: 10	0/08/07 16	:35			
Benzene	<0.005	0.25	mg/kg	1	10/11/07	8021B	
Toluene	< 0.005	0.25	"	n	u	n	
Ethylbenzene	< 0.005	0.25			H	n	
Xylenes (total)	<0.010	0.50	11	11		u .	
Surr. Rec.:		106 %			n	"	

QC Officer Approval

Safety & Environmental Solutions, Inc.

Project Number: Oxy-07-015

703 E. Clinton Ave Hobbs, NM 88240 Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.:

B710006

Total Recoverable Petroleum Hydrocarbons with Silica Gel Clean-Up by IR Spectrometry

`							
Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
# 1 (B710006-01) Soil Sampled: 10/08/0	7 10:45 Received	1: 10/08/07 10	5:35				
Total Petroleum Hydrocarbons	75000	10	mg/kg	ı	10/12/07	EPA 418.1	
# 2 (B710006-02) Soil Sampled: 10/08/0	7 10:50 Received	1: 10/08/07 1	5:35				
Total Petroleum Hydrocarbons	51000	10	mg/kg	1	10/12/07	EPA 418.1	
# 3 (B710006-03) Soil Sampled: 10/08/0	7 10:55 Received	1: 10/08/07 1	5:35				
Total Petroleum Hydrocarbons	48000	10	mg/kg	1	10/12/07	EPA 418.1	
# 4 (B710006-04) Soil Sampled: 10/08/0	7 11:00 Received	1: 10/08/07 1	ó:35				
Fotal Petroleum Hydrocarbons	28000	10	mg/kg	1	10/12/07	EPA 418.1	
# 5 (B710006-05) Soil Sampled: 10/08/0	7 11:05 Received	l: 10/08/07 1	6:35				
Total Petroleum Hydrocarbons	87000	10	mg/kg	1	10/12/07	EPA 418.1	
Background (B710006-06) Soil Sampled	: 10/08/07 11:00	Received: 10	0/08/07 16	5:35			
Total Petroleum Hydrocarbons	<10	10	mg/kg	1	10/12/07	EPA 418.1	

QC Officer Approval

Safety & Environmental Solutions, Inc.

Project Number: Oxy-07-015

703 E. Clinton Ave Hobbs, NM 88240 Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.: B710006

Anions by Ion Chromatography - EPA Method 300.0 - Quality Control

Argon Laboratories

	•									
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BQ00114 - General Prep										
Blank (BQ00114-BLK1)				Prepared &	& Analyzed	1: 10/11/07	7			
Chloride	ND	10	mg/kg							
LCS (BQ00114-BS1)				Prepared &	k Analyzed	1: 10/11/07	,			
Chloride	4.95		mg/kg	5.00		99	70-130			
LCS Dup (BQ00114-BSD1)				Prepared &	k Analyzed	i: 10/11/07	,			
Chloride	5.15		mg/kg	5.00		103	70-130	4	20	
Matrix Spike (BQ00114-MS1)				Prepared &	k Analyzed	i: 10/11/07	,			
Chloride	4.66		mg/kg	5.00		93	70-130			
Matrix Spike Dup (BQ00114-MSD1)				Prepared &	k Analyzed	i: 10/11/07	,			
Chloride	4.29		mg/kg	5.00		86	70-130	8	20	

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Safety & Environmental Solutions, Inc.

Project Number: Oxy-07-015

703 E. Clinton Ave Hobbs, NM 88240 Project Name: Oxy Big Walt Battery
Project Manager: Bob Allen

Work Order No.: B710006

BTEX EPA Method 8021B - Quality Control

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BQ00112 - EPA 5030B										
Blank (BQ00112-BLK1)				Prepared &	k Analyzed	d: 10/11/07				
Surrogate: a,a,a-Trifluorotoluene	0.0540		mg/kg	0.0500		108	70-130	-		
Benzene	ND	0.005	tt							
Toluene	ND	0.005	"							
Ethylbenzene	ND	0.005	н							
Xylenes (total)	ND	0.010	"							
LCS (BQ00112-BS1)				Prepared &	2 Analyzed	1: 10/11/07				
Benzene	0.048		mg/kg	0.0500		96	80-120			
LCS Dup (BQ00112-BSD1)				Prepared &	Analyzed	d: 10/11/07				
Benzene	0.046		mg/kg	0.0500		92	80-120	4	20	
Matrix Spike (BQ00112-MS1)				Prepared &	k Analyzeo	d: 10/11/07				
Ethylbenzene	0.042		mg/kg	0.0500		84	70-130			
Matrix Spike Dup (BQ00112-MSD1)				Prepared &	k Analyzed	i: 10/11/07				
Ethylbenzene	0.044		mg/kg	0.0500	•	88	70-130	5	20	

QC Officer Approval

Argon Laboratories, Inc.

email: info@argonlabs.com

Safety & Environmental Solutions, Inc.

Project Number: Oxy-07-015

703 E. Clinton Ave Hobbs, NM 88240 Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.:

B710006

Total Recoverable Petroleum Hydrocarbons with Silica Gel Clean-Up by IR Spectrometry - Quality Control

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BQ00111 - EPA 3550B								-		
Blank (BQ00111-BLK1)				Prepared &	& Analyzed	1: 10/12/07	7			
Total Petroleum Hydrocarbons	ND	10	mg/kg							_
LCS (BQ00111-BS1)				Prepared &	& Analyzed	i: 10/12/07	7			
Total Petroleum Hydrocarbons	46.5		mg/kg	50.0		93	70-130		•	
LCS Dup (BQ00111-BSD1)				Prepared &	& Analyzed	i: 10/12/03	7			
Total Petroleum Hydrocarbons	47.2		mg/kg	50.0	<u> </u>	94	70-130	l	20	
Matrix Spike (BQ00111-MS1)				Prepared &	& Analyzed	i: 10/12/07	7			
Total Petroleum Hydrocarbons	43.1		mg/kg	50.0	-	86	70-130	-		
Matrix Spike Dup (BQ00111-MSD1)				Prepared &	& Analyzed	i: 10/12/07	7			
Total Petroleum Hydrocarbons	42.5		mg/kg	50.0	•	85	70-130	1	20	

QC Officer Approval

Argon Laboratories, Inc.

email: info@argonlabs.com

Safety & Environmental Solutions, Inc.

703 E. Clinton Ave

Hobbs, NM

Project Number

Project Number: Oxy-07-015

Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.:

B710006

Notes and Definitions

D-1 Sample diluted due to high concentration of target analytes and/or high organic content.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

QC Officer Approval

06 November 2008

Bob Allen Safety & Environmental Solutions, Inc. 703 E. Clinton Ave Hobbs, NM 88240

RE: Oxy Big Walt Battery Project Data

Enclosed are the results for sample(s) received on 10/29/08 15:00 by Argon Laboratories. The sample(s) were analyzed according to instructions in accompanying chain-of-custody. Results are summarized on the following pages.

Please see quality control report for a summary of QC data pertaining to this project.

The sample(s) will be stored for 30 days after completion of analysis, then disposed of in accordance with State and Federal regulations. Sample(s) may be archived by prior arrangement.

Thank you for the opportunity to service the needs of your company.

Sincerely,

Hiram Cueto Lab Manager

2126 W. Marland Ave., Hobbs, NM 88240 • Phone (505) 397-0295 • Fax (505) 397-0296

Released to Imaging: 4/14/2023 10:08:09 AM

A rg of a box Narland Ave Hobbs, NM 88240 (505)397-0295 (505)397-0296 info@argonlabs.com	bs.com		CHAIN OF CUSTODY		1169
Project No: OKY—Brod St. Bathery Location: Carl Shed, NM Sampler's Name:	Hey		Client: SESE Address: 703 c= Cl'nton Contact: Hobbs, n. Phone (575) 347-0510	an Steado	
L Sad.		h	Bill To: Client: SAMA Address:		
TURN AROUND TIME RUSH 24 Hour 48 Hour	other	Standard (5 days)	-17 1.814 H&L X=1.81	VSIS	COMMENTS
50 th Area 2 10/8/08 1110	# Containers	Matrix Soi	7		
0xec 2 10/3/08)	Soil	777		
Surface (1927/08)		20.1 50.1	77		
Relinquished By:	Date: (0/25/08) Date:	Time:	Regived By:	Date: Time:	SPECIAL INSTRUCTIONS:
Relinquished By:	Date:	Тіте:	Received By:	Date: Time:	

Argon Laboratories Sample Receipt Checklist

Client Name:	SESI				Date & Ti	me Rec	eived:	10/29/	08			15:00		
Project Name:	Oxy Big Walt B	attery	'	_	Client Pro	ject Nu	mber:	OXY-0	7-015				_	
Received By:	RE			Mat	trix:	Water		Soil	7					
Sample Carrier:	Client	Lab	oratory	1	Fed Ex		UPS		Other				٠	
Argon Labs Projec	t Number:	<u>C81</u>	0007											
Shipper Container in	good condition?					Sample	es receive	d in prop	er contain	ers?	Yes	V	No	
	N/A	Yes	✓	No		Sample	es receive	d intact?			Yes	~	No	
Samples received ur	nder refrigeration?	Yes	V	No		Sufficie	nt sample	volume	for reques	ted tests	? Yes	V	No	
Chain of custody pre	esent?	Yes	✓	No		Sample	es receive	d within l	nolding tim	ie?	Yes	✓	No	
Chain of Custody sig	gned by all parties?	Yes	V	No		Do sam	nples cont	ain propo	er preserva N/A	ative?	Yes		No	
Chain of Custody ma	atches all sample la	bels?				Do VOA	vials conta	ain zero h	eadspace?					
		Yes	~	No				(None	submitted	✓)	Yes		No	
Contacted By: Comments: Action Taken:					Subject:									
Contacted By: Call Received By: Comments:					_		QUEST / (Time	9:		- -
														- - -

Safety & Environmental Solutions, Inc.

Project Number: Oxy-07-015

703 E. Clinton Ave Hobbs, NM 8824 Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.: C810007

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP#1 Area 2	C810007-01	Soil	10/03/08 11:10	10/29/08 15:00
SP #2 Area 2	C810007-02	Soil	10/03/08 11:15	10/29/08 15:00
#1 Surface	C810007-03	Soil	10/27/08 11:05	10/29/08 15:00
#2 Surface	C810007-04	Soil	10/27/08 11:10	10/29/08 15:00
#3 Surface	C810007-05	Soil	10/27/08 11:15	10/29/08 15:00
#4 Surface	C810007-06	Soil	10/27/08 11:20	10/29/08 15:00

QC Officer Approval

Argon Laboratories, Inc.

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Page 1 of 9

Safety & Environmental Solutions, Inc.

Project Number: Oxy-07-015

703 E. Clinton Ave Hobbs, NM 88240 Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.: C810007

ANALYSIS REPORT

7		Reporting					
Analyte	Result	Limit	Units	Dilution	Analyzed	Method	Note
SP #1 Area 2 (C810007-01) So	il Sampled: 10/03/08 11:1	0 Receiv	ed: 10/29	9/08 15:00			
Chloride	450	40	mg/kg	4	11/05/08	EPA 300.0	
SP #2 Area 2 (C810007-02) So	il Sampled: 10/03/08 11:1	5 Receiv	ed: 10/29	9/08 15:00			
Chloride	280	20	mg/kg	2	11/05/08	EPA 300.0	
#1 Surface (C810007-03) Soil	Sampled: 10/27/08 11:05	Received	: 10/29/0	8 15:00			T.
Chloride	96	10	mg/kg	1	11/05/08	EPA 300.0	
#2 Surface (C810007-04) Soil	Sampled: 10/27/08 11:10	Received	: 10/29/0	8 15:00			
Chloride	350	40	mg/kg	4	11/05/08	EPA 300.0	
#3 Surface (C810007-05) Soil	Sampled: 10/27/08 11:15	Received	: 10/29/0	8 15:00			
Chloride	22	10	mg/kg	1	11/05/08	EPA 300.0	
#4 Surface (C810007-06) Soil	Sampled: 10/27/08 11:20	Received	: 10/29/0	8 15:00			
Chloride	130	20	mg/kg	2	11/05/08	EPA 300.0	

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Safety & Environmental Solutions, Inc.

Project Number: Oxy-07-015

703 E. Clinton Ave Hobbs, NM 88240 Project Name: Oxy Big Walt Battery
Project Manager: Bob Allen

Work Order No.: C810007

BTEX EPA Method 8021B

	Ą	Reporting					
Analyte	Result	Limit	Units	Dilution	Analyzed	Method	Note
SP #1 Area 2 (C810007-01) S	Soil Sampled: 10/03/08 11:10) Receiv	/ed: 10/29	0/08 15:00			D -1
Benzene	ND	0.10	mg/kg	20	11/05/08	8021B	
Toluene	ND	0.10	"	"	11	n	
Ethylbenzene	ND	0.10	"	n	"	D	
Xylenes (total)	ND ND	0.20	н	n	"	n	
Surr. Rec.:		81 %			H	"	
SP #2 Area 2 (C810007-02) S	Soil Sampled: 10/03/08 11:15	5 Receiv	/ed: 10/29	0/08 15:00			
Benzene	ND	0.005	mg/kg	1	11/05/08	8021B	
Toluene	ND	0.005	17	11	u	n	
Ethylbenzene	ND	0.005	If	If	r ·	It	
Xylenes (total)	ND	0.010	"	II.	11	11	
Surr. Rec.:		95 %		·	"	"	
#1 Surface (C810007-03) Soi	il Sampled: 10/27/08 11:05	Received	l: 10/29/0	8 15:00			D-1
Benzene	ND	0.025	mg/kg	5	11/05/08	8021B	
Toluene	ND	0.025	11	11	и	#	
Ethylbenzene	ND	0.025	ti	п	н	Ħ	
Xylenes (total)	ND	0.050	н	н	п	n	
Surr. Rec.:		100 %			II .	"	
#2 Surface (C810007-04) Soi	il Sampled: 10/27/08 11:10	Received	l: 10/29/0	8 15:00			D-1
Benzene	ND	0.10	mg/kg	20	11/05/08	8021B	
Toluene	ND	0.10	"	*	11	n	
Ethylbenzene	ND	0.10	U		11	n	
Xylenes (total)	ND	0.20	n	11	II .	n	
Surr. Rec.:		104 %	•		n	n	

QC Officer Approval

Argon Laboratories, Inc.

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Safety & Environmental Solutions, Inc.

703 E. Clinton Ave

Hobbs, NM

c. Project Number: Oxy-07-015

Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.: C810007

BTEX EPA Method 8021B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
#3 Surface (C810007-05) Soil	Sampled: 10/27/08 11:15	Received	: 10/29/0	8 15:00			D-1
Benzene	ND	0.025	mg/kg	5	11/05/08	8021B	
Toluene	ND	0.025	n	"	μ	t!	
Ethylbenzene	ND .	0.025	n		п	н	
Xylenes (total)	ND	0.050	11	n ,	11	п	
Surr. Rec.:		119%			"	"	
#4 Surface (C810007-06) Soil	Sampled: 10/27/08 11:20	Received	: 10/29/0	8 15:00			D -1
Benzene	ND	0.10	mg/kg	20	11/05/08	8021B	
Toluene	ND	0.10	11	n	11	11	
Ethylbenzene	ND	0.10	11	11	11	11	
Xylenes (total)	ND	0.20	11	11	Ħ	11	

Surr. Rec.:

109 %

QC Officer Approval

Safety & Environmental Solutions, Inc.

Project Number: Oxy-07-015

703 E. Clinton Ave Hobbs, NM 88240 Project Name: Oxy Big Walt Battery Project Manager: Bob Allen Work Order No.:

C810007

Total Recoverable Petroleum Hydrocarbons with Silica Gel Clean-Up by IR Spectrometry

Analyte		Result	Reporting Limit	Units	Dilution		Analyzed	Method	Notes
SP #1 Area 2 (C810	0007-01) Soil Sa	mpled: 10/03/08 11:10) Receive	ed: 10/29	/08 15:00				
Total Petroleum Hy	drocarbons	27000	400	mg/kg	20	•	11/05/08	EPA 418.1	
SP #2 Area 2 (C810	0007-02) Soil Sa	mpled: 10/03/08 11:1:	5 Receive	ed: 10/29	/08 15:00				
Total Petroleum Hy	drocarbons	25	20	mg/kg	1		11/05/08	EPA 418.1	
#1 Surface (C81000	07-03) Soil Sam	oled: 10/27/08 11:05	Received	10/29/0	8 15:00				
Total Petroleum Hy	drocarbons	970	80	mg/kg	4		11/05/08	EPA 418.1	
#2 Surface (C81000	07-04) Soil Samı	oled: 10/27/08 11:10	Received:	10/29/0	8 15:00				
Total Petroleum Hy	drocarbons	22000	400	mg/kg	20		11/05/08	EPA 418.1	
#3 Surface (C81000	07-05) Soil Samp	oled: 10/27/08 11:15	Received	10/29/0	8 15:00				
Total Petroleum Hy	drocarbons	4900	20	mg/kg	1		11/05/08	EPA 418.1	
#4 Surface (C81000	07-06) Soil Samı	oled: 10/27/08 11:20	Received	10/29/0	8 15:00	·			
Total Petroleum Hy	drocarbons	31000	400	mg/kg	20		11/05/08	EPA 418.1	

QC Officer Approval

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Safety & Environmental Solutions, Inc.

703 E. Clinton Ave

Project Number: Oxy-07-015

Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.: C810007

ANALYSIS REPORT - Quality Control

Argon Laboratories

Hobbs, NM

		Reporting		Spike	Source			
Analyte	Result	Limit	Units	Level	Result	%REC	RPD	Notes
Batch CR00157 - General Prep								
Blank (CR00157-BLK1)				Prepared a	& Analyze	d: 11/05/08		
Chloride	ND	10	mg/kg					
LCS (CR00157-BS1)				Prepared a	& Analyze	d: 11/05/08		
Chloride	4.50		mg/kg	5.00		90		
LCS Dup (CR00157-BSD1)				Prepared a	& Analyze	d: 11/05/08		
Chloride	4.65		mg/kg	5.00		93	3	
Matrix Spike (CR00157-MS1)				Prepared &	& Analyze	d: 11/05/08		
Chloride	4.25		mg/kg	5.00		85		
Matrix Spike Dup (CR00157-MSD1)				Prepared a	& Analyze	d: 11/05/08		
Chloride	4.05		mg/kg	5.00		81	5	

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Safety & Environmental Solutions, Inc.

Project Number: Oxy-07-015

703 E. Clinton Ave Hobbs, NM 88240 Project Name: Oxy Big Walt Battery
Project Manager: Bob Allen

Work Order No.: C810007

BTEX EPA Method 8021B - Quality Control

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RPD	Notes
Batch CR00159 - EPA 5030B								
Blank (CR00159-BLK1)				Prepared &	& Analyze	d: 11/05/08		
Surrogate: a,a,a-Trifluorotoluene	0.0475		mg/kg	0.0500		95		
Benzene	ND	0.005	B					
Toluene	ND	0.005	u					
Ethylbenzene	ND	0.005	15					
Xylenes (total)	ND	0.010	n					
LCS (CR00159-BS1)				Prepared &	& Analyze	d: 11/05/08		
Benzene	0.048		mg/kg	0.0500		96		
LCS Dup (CR00159-BSD1)				Prepared &	& Analyze	d: 11/05/08		
Benzene	0.048		mg/kg	0.0500		96	0	
Matrix Spike (CR00159-MS1)				Prepared &	& Analyze	d: 11/05/08		
Toluene	0.045		mg/kg	0.0500		90		
Matrix Spike Dup (CR00159-MSD1)				Prepared &	& Analyze	d: 11/05/08		
Toluene	0.043		mg/kg	0.0500		86	5	

QC Officer Approval

Safety & Environmental Solutions, Inc.

88240

Project Number: Oxy-07-015

703 E. Clinton Ave

Hobbs, NM

Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.: C810007

Total Recoverable Petroleum Hydrocarbons with Silica Gel Clean-Up by IR Spectrometry - Quality Control

Argon Laboratories

<u>.</u>		Reporting		Spike	Source			
Analyte	Result	Limit	Units	Level	Result	%REC	RPD	Notes
Batch CR00158 - EPA 3550B			 					
Blank (CR00158-BLK1)				Prepared 6	& Analyze	ed: 11/05/08		
Total Petroleum Hydrocarbons	ND	20	mg/kg					
LCS (CR00158-BS1)				Prepared of	& Analyze	ed: 11/05/08		
Total Petroleum Hydrocarbons	117	-	mg/kg	100		117		
LCS Dup (CR00158-BSD1)				Prepared &	& Analyze	ed: 11/05/08		
Total Petroleum Hydrocarbons	114		mg/kg	100		114	3	
Matrix Spike (CR00158-MS1)				Prepared &	& Analyze	ed: 11/05/08		
Total Petroleum Hydrocarbons	103		mg/kg	100		103		
Matrix Spike Dup (CR00158-MSD1)				Prepared a	& Analyze	ed: 11/05/08		
Total Petroleum Hydrocarbons	107		mg/kg	100		107	4	

QC Officer Approval

Safety & Environmental Solutions, Inc.

Project Number: Oxy-07-015

703 E. Clinton Ave Hobbs, NM 88240 Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.: C810007

Notes and Definitions

D-1 Sample diluted due to high concentration of target analytes and/or high organic content.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

QC Officer Approval

Argon Laboratories, Inc.

2126 W. Marland Ave., Hobbs, NM 88240 • Phone (505) 397-0295 • Fax (505) 397-0296

email: info@argonlabs.com

Page 9 of 9

30 June 2008

Bob Allen

Safety & Environmental Solutions, Inc. 703 E. Clinton Ave

Hobbs, NM 88240

RE: Oxy Big Wall Battery Project Data

Enclosed are the results for sample(s) received on 06/18/08 15:30 by Argon Laboratories. The sample(s) were analyzed according to instructions in accompanying chain-of-custody. Results are summarized on the following pages.

Please see quality control report for a summary of QC data pertaining to this project.

The sample(s) will be stored for 30 days after completion of analysis, then disposed of in accordance with State and Federal regulations. Sample(s) may be archived by prior arrangement.

Thank you for the opportunity to service the needs of your company.

Sincerely,

Hiram Cueto

Lab Manager

2126 U. Marland Ave., Flobbs. NM 88240 • Phone (505) 397-0295 • Fax (505) 397-0296

email: info@orgonlabs.com

Session Session and the books, July 862 Letter and the books, July 862 The session of the sess	to (806012)	SC-MMENTS	-01 -03 -03 -04	
Bathery eller storiament	SEST 703 E. C.I. 140005, N. 515-317-0	λ∃Τ& ^_	XXXX XXXX XXXX XXXX	And the second s
		Standard i5 d 1/vsi	1333 1333	: ! ! ! :
	tra = -	Ĕ	80-81-9	

Argon Laboratories Sample Receipt Checklist

Client Name:	Safety & Enviro	nmen	tal Solut	ions, In	C			Date 8	& Time R	eceived:	06	3/18/08		15:30
Project Name:	Oxy Big Walt B	attery						Clien	t Project f	Number:		OXY-	07-01	5
Received By:	J.E.			Matr	rix:	Water [] ;	Soil	V		Slud	ge		
Sample Carrier:	Client	Lab	oratory	<u></u>	Fed Ex		UPS		Other					
Argon Labs Project	Number:	<u>C80</u> 6	<u> 6012</u>											
Shipper Container in	good condition?					Samples red	ceived	in prope	er containe	ers?	Yes	V	No	
	N/A	Yes	V	No		Samples red	ceived	intact?			Yes	Image: Control of the	No	
Samples received un	der refrigeration?	Yes	V	No		Sufficient sa	ample v	olume 1	for request	ted tests?	Yes	7	No	
Chain of custody pres	sent?	Yes	V	No		Samples red	ceived	within h	olding time	e?	Yes	Image: section of the content of the	No	
Chain of Custody sign	ned by all parties?	Yes	V	No		Do samples	contai	n prope	er preserva N/A	tive?	Yes		No	
Chain of Custody ma	tches all sample la	bels?				Do VOA vials	contair	n zero he	adspace?					
		Yes	V	No			((None s	ubmitted	☑)	Yes		No	
	ANY "	io" Ri	SPONSI	E MUST	BE DETA	VILED IN THE	E COM	MENTS	SECTION	N BELOW	ı			
												~ 		
Date Client Contac	ted:				Pe	rson Contac	cted:		<u>-</u>					
Contacted By:				<u> </u>	Subject									
Comments:		_									-			
														
Action Taken:					 •									
		•												
				OITIODA	NAL TES	T(S) REQUE	ST / O	THER						
Contacted By:					 -	Date:					Time	e:		
Call Received By:					_									
Comments:	·					<u> </u>								
														

EISON Aboratories 2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc.

Project Number: Oxy-07-015

703 E. Clinton Ave

Project Name: Oxy Big Walt Battery

Work Order No.:

Hobbs, NM 88240

Project Manager: Bob Allen

C806012

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
#1 Surface	C806012-01	Soil	06/18/08 11:30	06/18/08 15:30
#2 Surface	C806012-02	Soil	06/18/08 11:40	06/18/08 15:30
#3 Surface	C806012-03	Soil	06/18/08 11:50	06/18/08 15:30
#4 Surface	C806012-04	Soil	06/18/08 12:00	06/18/08 15:30

Approved By

Argon Laboratories, Inc.

2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc.

703 E. Clinton Ave Hobbs, NM 88240 Project Number: Oxy-07-015

Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.:

C806012

ANALYSIS REPORT

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
#1 Surface (C806012-01) Soil	Sampled: 06/18/08 11:30 Receiv	ed: 06/18/08	3 15:30				
Chloride	74	10	mg/kg	1	06/26/08	EPA 300.0	· · · · · · · · · · · · · · · · · · ·
#2 Surface (C806012-02) Soil	Sampled: 06/18/08 11:40 Receiv	ed: 06/18/08	15:30				
Chloride	100	10	mg/kg	ı	06/26/08	EPA 300.0	
#3 Surface (C806012-03) Soil	Sampled: 06/18/08 11:50 Receiv	ed: 06/18/08	15:30				
Chloride	260	20	mg/kg	2	06/26/08	EPA 300.0	
#4 Surface (C806012-04) Soil	Sampled: 06/18/08 12:00 Receiv	ed: 06/18/08	15:30				
Chloride	170	20	mg/kg	2	06/26/08	EPA 300.0	

Approved By

Argon Laboratories, Inc.

and Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc.

703 E. Clinton Ave Hobbs, NM 88240 Project Number: Oxy-07-015

Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.:

C806012

BTEX EPA Method 8021B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Note:
	Sampled: 06/18/08 11:30 Rece				7 111117 222		
							
Benzene	ND	0.005	mg/kg	ı	06/25/08	8021B	
Toluene	ND	0.005	,,	11	n	*1	
Ethylbenzene	· ND	0.005	"	"	II		
Xylenes (total)	ND ND	0.010	н	**			
Surr. Rec.:		91 %			"	"	
#2 Surface (C806012-02) Soil	Sampled: 06/18/08 11:40 Rece	eived: 06/18/08	8 15:30				
Benzene	. ND	0.005	mg/kg	1	06/25/08	8021B	
Toluene	ND	0.005	*	•	n.		
Ethylbenzene	ND	0.005	"	11	n	**	
Xylenes (total)	ND	0.010		U	n		
Surr. Rec.:		86 %			н	"	
#3 Surface (C806012-03) Soil	Sampled: 06/18/08 11:50 Reco	eived: 06/18/08	8 15:30				
Benzene	ND	0.005	mg/kg	1	06/25/08	8021B	
Toluene	ND	0.005		n	u	**	
Ethylbenzene	ND	0.005	**	n	н	**	
Xylenes (total)	ND	0.010		ı	"	"	
Surr. Rec.:		83 %			"	n	
#4 Surface (C806012-04) Soil	Sampled: 06/18/08 12:00 Reco	eived: 06/18/0	8 15:30				
Benzene	ND	0.005	mg/kg	1	06/25/08	8021B	
Toluene	ND	0.005	"	11	n	"	
Ethylbenzene	ND	0.005	u	и	H	'n	
Xylenes (total)	ND	0.010	**	u	ır	n	
Surr. Rec.;		97 %	-		п	"	

Approved By

Argon Laboratories, Inc.

ETSON IABORATORIES 2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc.

Project Number: Oxy-07-015

703 E. Clinton Ave Hobbs, NM 88240 Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.:

C806012

Total Recoverable Petroleum Hydrocarbons with Silica Gel Clean-Up by IR Spectrometry

Analyte	Result	Reporting Limit	Units	Dilution		Analyzed	Method	Notes
#1 Surface (C806012-01) Soil Sampled:	06/18/08 11:30 Recei	ived: 06/18/08	3 15:30					
Total Petroleum Hydrocarbons	47000	1000	mg/kg	50		06/26/08	EPA 418.1	
#2 Surface (C806012-02) Soil Sampled:	06/18/08 11:40 Recei	ived: 06/18/08	3 15:30					
Total Petroleum Hydrocarbons	44000	1000	mg/kg	50		06/26/08	EPA 418.1	
#3 Surface (C806012-03) Soil Sampled:	06/18/08 11:50 Recei	ived: 06/18/08	3 15:30					
Total Petroleum Hydrocarbons	31000	400	mg/kg	20		06/26/08	EPA 418,1	
#4 Surface (C806012-04) Soil Sampled:	06/18/08 12:00 Recei	ived: 06/18/08	8 15:30					
Total Petroleum Hydrocarbons	26000	400	mg/kg	20		06/26/08	EPA 418.1	

Approved By

Argon Laboratories, Inc.

argentatories 2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc.

703 E. Clinton Ave Hobbs, NM 88240 Project Number: Oxy-07-015

Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.:

C806012 **ANALYSIS REPORT - Quality Control**

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RPD	Notes
Batch CR00096 - General Prep	····							
Blank (CR00096-BLK1)				Prepared &	Analyzed:	06/26/08		
Chloride	ND	10	mg/kg					
LCS (CR00096-BS1)				Prepared &	2 Analyzed:	06/26/08		
Chloride	5.00		mg/kg	5.00		100		
LCS Dup (CR00096-BSD1)				Prepared &	Analyzed:	06/26/08		
Chloride	5,55		mg/kg	5.00		111	10	
Matrix Spike (CR00096-MS1)				Prepared &	k Analyzed:	06/26/08		
Chloride	4.85		mg/kg	5.00		97		
Matrix Spike Dup (CR00096-MSD1)				Prepared &	k Analyzed:	06/26/08		
Chloride	4.95		mg/kg	5.00		99	2	

Approved By

Argon Laboratories, Inc.

TISON | Aboratories | 2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 | Fax (505)397-0296

Safety & Environmental Solutions, Inc.

703 E. Clinton Ave

Hobbs, NM 88240

Project Number: Oxy-07-015

Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.: C806012

BTEX EPA Method 8021B - Quality Control

Argon Laboratories

		Reporting		Spike	Source			
Analyte	Result	Limit	Units	Level	Result	%REC	RPD	Notes
Batch CR00097 - EPA 5030B								
Blank (CR00097-BLK1)				Prepared &	Analyzed	06/25/08		
Surrogate: a,a,a-Trifluorotoluene	0.0430		mg/kg	0.0500		86		
Benzene	ND	0.005	"					
Toluene	ND	0.005	"					
Ethylbenzene	ND	0.005	"					
Xylenes (total)	ND	0.010						
LCS (CR00097-BS1)				Prepared &	Analyzed	06/25/08		
Oluene	0.043		mg/kg	0.0500		86		
LCS Dup (CR00097-BSD1)				Prepared &	Analyzed	06/25/08		
Toluene	0.041		mg/kg	0.0500		82	5	
Matrix Spike (CR00097-MS1)				Prepared &	Analyzed	06/25/08		
Benzene	0.051		mg/kg	0.0500		102		
Matrix Spike Dup (CR00097-MSD1)				Prepared &	: Analyzed:	06/25/08		
Benzene	0.043		mg/kg	0.0500		86	17	

Approved By

Argon Laboratories, Inc.

argon laboratories 2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc.

703 E. Clinton Ave Hobbs, NM 88240 Project Number: Oxy-07-015

Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.:

C806012

Notes and Definitions

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

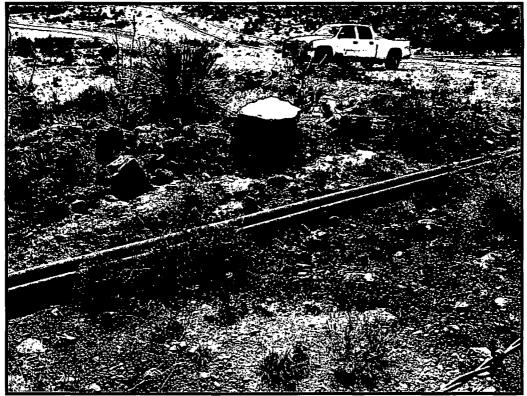
dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

Approved By

Argon Laboratories, Inc.

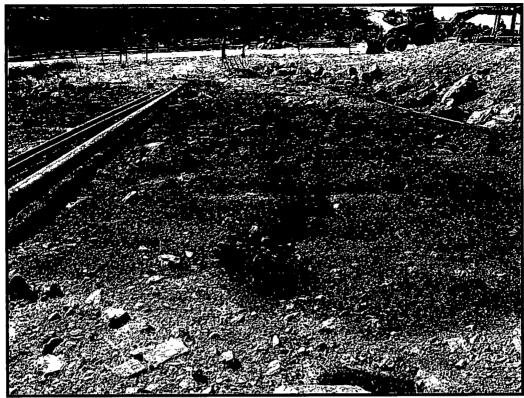
Appendix B Site Photos



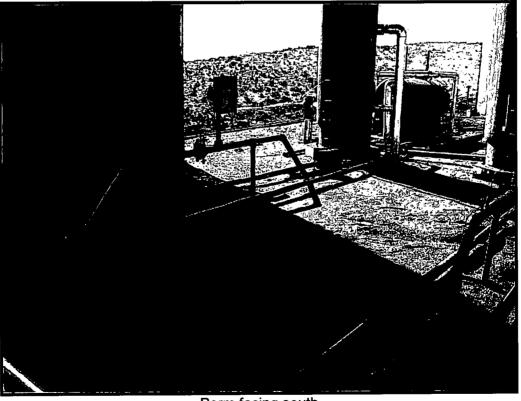
Top of hill facing south



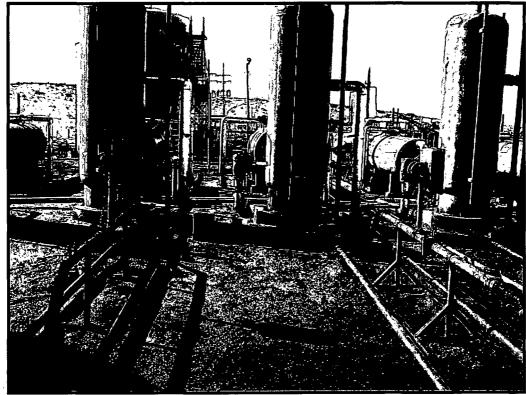
Inside fenced area below berm facing south



Inside fenced area below berm facing south



Berm facing south



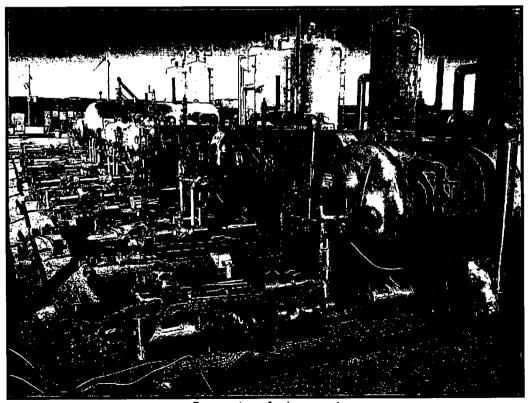
Seperators facing south



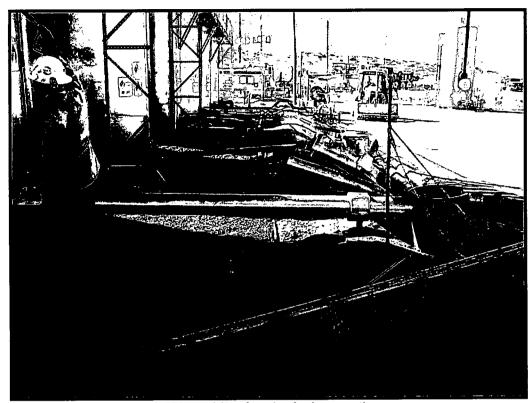
Seperators facing south



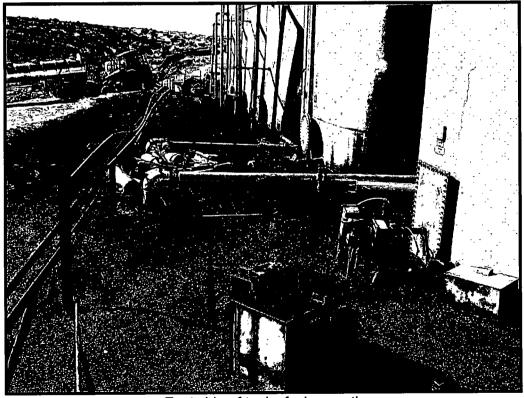
Seperators



Seperators facing west



West side of tanks facing south



East side of tanks facing south



Gun barrel facing north



Impacted area facing east



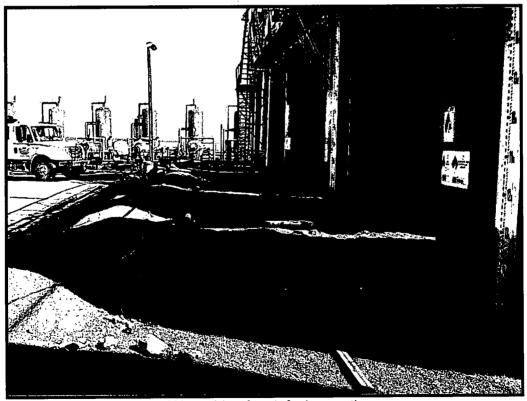
Impacted area facing east



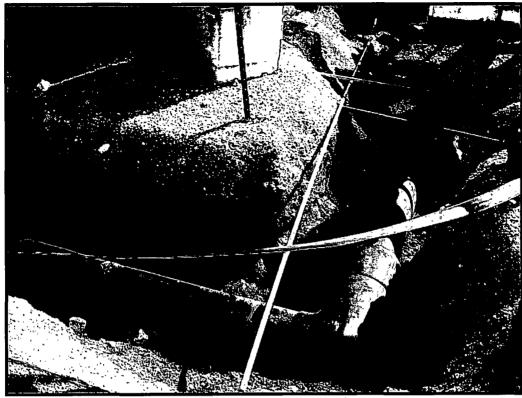
East side of tank berm



East side of tank area facing north



West side of tank facing north



South of tank were line broke



Pasture



Pasture



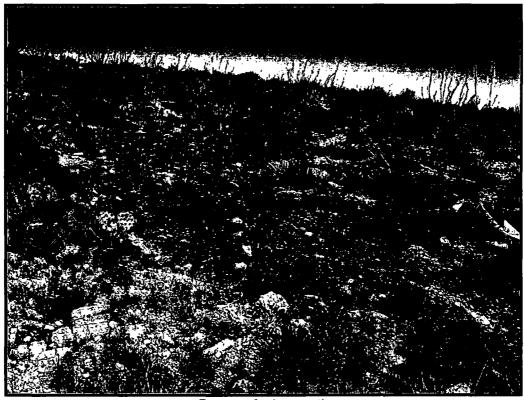
Pasture facing west



Pasture facing west



Pasture facing west



Pasture facing north



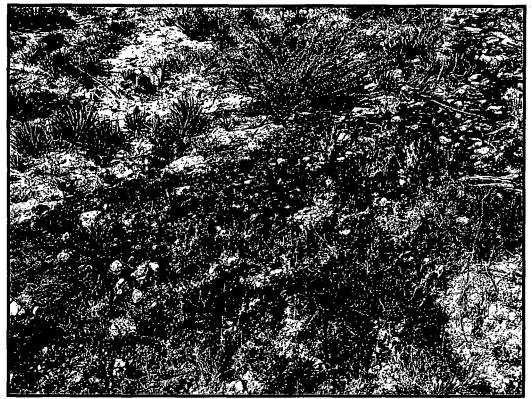
Pasture facing east



Pasture facing west



Pasture facing west



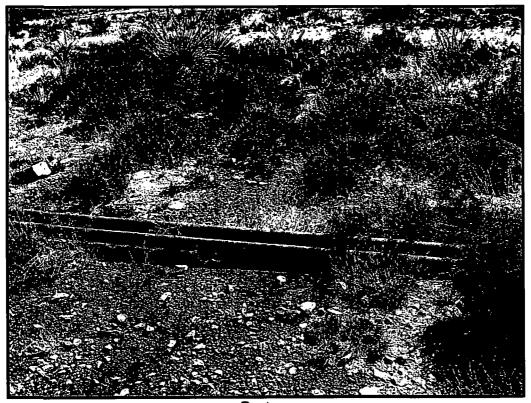
Pasture



Pasture



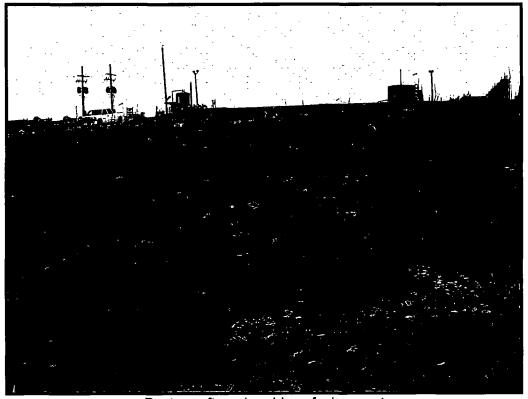
Roadway facing west



Pasture



Pasture after micro-blaze



Pasture after micro-blaze facing west



Pasture after micro-blaze facing east



Pasture after micro-blaze facing southeast



Pasture after micro-blaze facing est

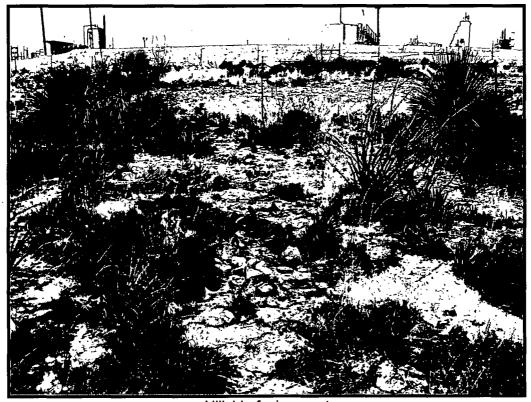


Pasture

October 28, 2008



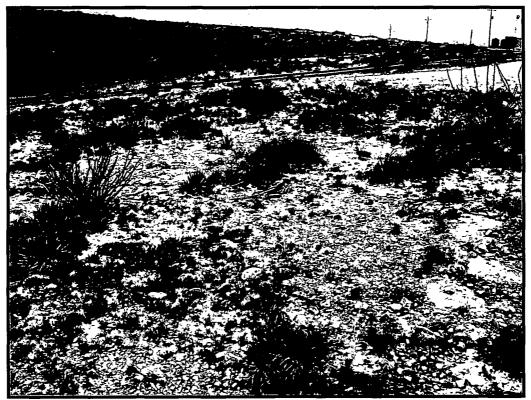
Hillside facing east



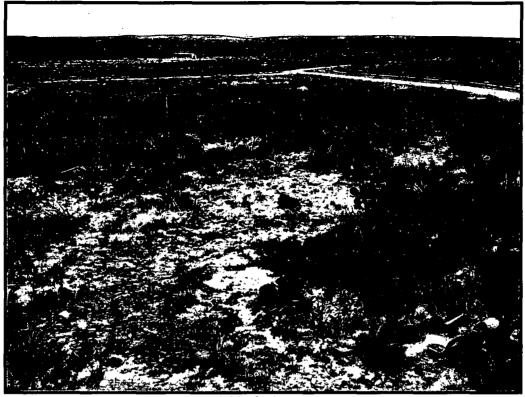
Hillside facing west



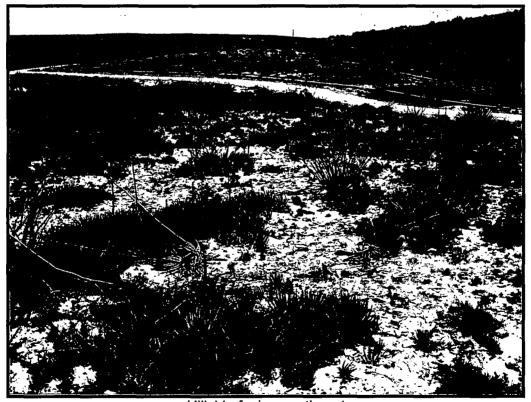
Hillside



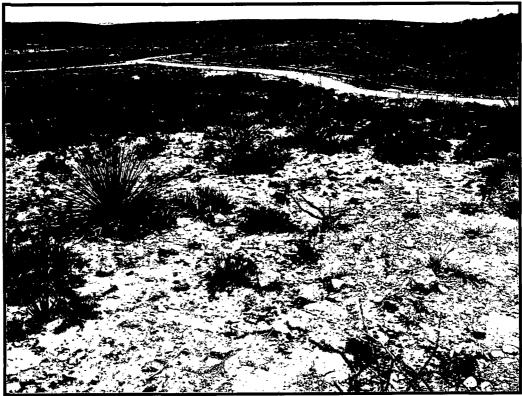
Hillside facing south



Hillside facing east



Hillside facing southeast



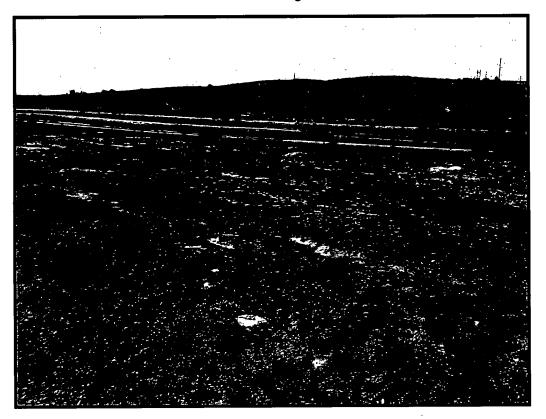
Hillside facing east



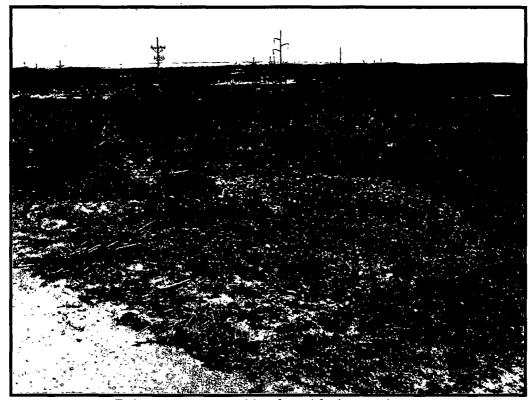
Hillside facing northeast



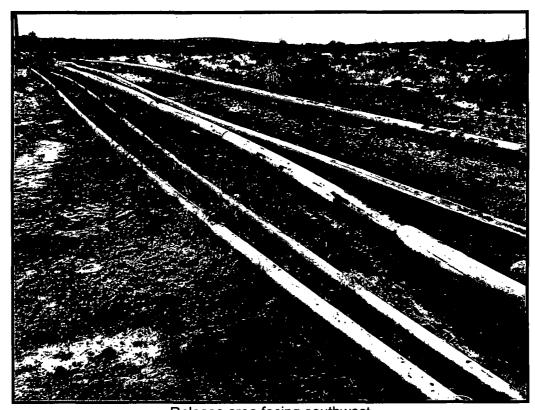
Hillside facing east



Release area facing west



Release area east side of road facing northeast



Release area facing southwest



Release area facing east

argon laboratories

06 November 2008

Bob Allen Safety & Environmental Solutions, Inc. 703 E. Clinton Ave Hobbs, NM 88240

RE: Oxy Big Walt Battery Project Data

Enclosed are the results for sample(s) received on 0/29/08 5:00 by Argon Laboratories. The sample(s) were analyzed according to instructions in accompanying chain-of-custody. Results are summarized on the following pages.

Please see quality control report for a summary of QC data pertaining to this project.

The sample(s) will be stored for 30 days after completion of analysis, then disposed of in accordance with State and Federal regulations. Sample(s) may be archived by prior arrangement.

Thank you for the opportunity to service the needs of your company.

Sincerely,

Hiram Cueto Lab Manager

2126 W. Marland Ave., Hobbs, NM 88240 • Phone (505) 397-0295 • Fax (505) 397-0296

email: info@argonlabs.com

Argon Labs 2126 W. Marland Ave Hobbs, NM 88240 (505)397-0295 (505)397-0296 info@argonlabs.com	ıbscom	CHAIN OF CUSTODY		1169
Project No: OXY—8705 Project Title: OXY Big well Bathery Location: Carl Shed, NM Sampler's Name:	they	Client: SESE Address: 703 = Clinton Contact: Hobbs, n. Phone (515) 397-0510 Fax:	an AR w	
Sampler's Signature:		Client: Same		
TURN AROUND TIME RUSH 24 Hour 48 Hour	other Standard (5 days)	ANALYSIS ANALYSIS ANALYSIS ANALYSIS	SIS	
Date	# Containers Matrix	4 .		COMMENTS
#2 cura 2 10/3/08 #2 cura 2 10/3/08 surtace (0/27/06	50.	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		
#2 surface 10/27/08 1110 #3 surface 10/27/08 1115 #4 surface 10/27/08 1120	1 Soil 1 Soil 1 Soil	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		
Relinquished ey:	Date: Time: (0/25/08 (500)	Racelydd By:	Date: Time: 0.75.08 (\$200	SPECIAL INSTRUCTIONS:
Relinquished By:	Date: Time:		te: Time:	
Relinquished By:	Date: Time:	Received By: Date:	te: Time:	

Argon Laboratories Sample Receipt Checklist

Client Name:	SESI							Date	& Time R	eceived:		0/29/08		15:00
Project Name:	Oxy Big Walt Ba	attery						Clien	t Project	Number:		OXY	-07-01	5
Received By:	R.E.			Mat	rix:	Water		Soil	V		Slud	ge		
Sample Carrier:	Client	Lab	oratory	~	Fed Ex		UPS		Other					
Argon Labs Project	Number:	<u>C81</u>	0007											
Shipper Container in	good condition?					Sample	s receive	d in prop	er containe	ers?	Yes	✓	No	
	N/A	Yes	~	No		Sample	s receive	d intact?			Yes	✓	No	
Samples received und	der refrigeration?	Yes	V	No		Sufficie	nt sample	volume	for reques	ted tests?	? Yes	V	No	
Chain of custody pres	sent?	Yes	√	No		Sample	s receive	d within h	nolding tim	e?	Yes	V	No	
Chain of Custody sign	ned by all parties?	Yes	V	No		Do san	nples cont	ain prope	er preserva N/A	ative?	Yes		No	
Chain of Custody mat	tches all sample la	bels?				Do VOA	vials conta	ain zero h	eadspace?					
		Yes	V	No				(None s	submitted	✓)	Yes		No	
	ANY "N	io" Ri	ESPONSI	E MUST	BE DETA	VILED IN	THE CO	MMENTS	S SECTIO	N BELOV	V			
														
Date Client Contac	ted:			_	Pe	rson Co	ntacted:							
Contacted By:					Subject									_
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Action Taken:													-	
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Contacted By:						D	ate:				Time	e:		
Call Received By: _	·····				_									
Comments:														
														•
														
					_		•							

argon laboratories 2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc.

outery of 2000 months of the following in the

703 E. Clinton Ave Hobbs, NM 88240 Project Number: Oxy-07-015

Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.:

C810007

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP#I Area 2	C810007-01	Soil	10/03/08 11:10	10/29/08 15:00
SP #2 Area 2	C810007-02	Soil	10/03/08 11:15	10/29/08 15:00
#1 Surface	C810007-03	Soil	10/27/08 11:05	10/29/08 15:00
#2 Surface	C810007-04	Soil	10/27/08 11:10	10/29/08 15:00
#3 Surface	C810007-05	Soil	10/27/08 11:15	10/29/08 15:00
#4 Surface	. C810007-06	Soil	10/27/08 11:20	10/29/08 15:00

Approved By

Argon Laboratories, Inc.

aboratories 2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc.

703 E. Clinton Ave

Hobbs, NM 88240

Project Number: Oxy-07-015

Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.:

C810007

ANALYSIS REPORT

Analyte	Result	Reporting Limit	Units	Dilution		Analyzed	Method	Notes
SP #1 Area 2 (C810007-01) Soi	Sampled: 10/03/08 11:10	Received: 10/29	/08 15:00		_			
Chloride	450	40	mg/kg	4		11/05/08	EPA 300.0	
SP #2 Area 2 (C810007-02) Soil	Sampled: 10/03/08 11:15	Received: 10/29	/08 15:00		_			
Chloride	280	20	mg/kg	2		11/05/08	EPA 300.0	
#1 Surface (C810007-03) Soil	Sampled: 10/27/08 11:05 R	teceived: 10/29/08	15:00	-				
Chloride	96	10	mg/kg	1		11/05/08	EPA 300.0	
#2 Surface (C810007-04) Soil	Sampled: 10/27/08 11:10 R	Received: 10/29/08	15:00					
Chloride	350	40	mg/kg	4		11/05/08	EPA 300.0	
#3 Surface (C810007-05) Soil	Sampled: 10/27/08 11:15 R	Received: 10/29/08	15:00					
Chloride	22	10	mg/kg	1		11/05/08	EPA 300.0	
#4 Surface (C810007-06) Soil	Sampled: 10/27/08 11:20 R	leceived: 10/29/08	15:00		_			
Chloride	130	20	mg/kg	2		11/05/08	EPA 300.0	

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Safety & Environmental Solutions, Inc.

703 E. Clinton Ave Hobbs, NM 88240 Project Number: Oxy-07-015

Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.:

C810007

BTEX EPA Method 8021B

					······································			
Analyte	Result	Reporting Limit	Units	Dilution		Analyzed	Method	Notes
SP #1 Area 2 (C810007-01) Soil	Sampled: 10/03/08 11:10	Received: 10/29	/08 15:00					D-1
Benzene	ND	0.10	mg/kg	20		11/05/08	8021B	
Toluene	ND	0.10	Ħ	**		#	11	
Ethylbenzene	ND	0.10	n	**		**		
Xylenes (total)	ND	0.20	#	**		n	u	•
Surr. Rec.:		81 %				n	"	
SP #2 Area 2 (C810007-02) Soil	Sampled: 10/03/08 11:15	Received: 10/29	/08 15:00					
Benzene	ND	0.005	mg/kg	1		11/05/08	8021B	
Toluene	ND	0.005	"	н		**	**	
Ethylbenzene	ND	0.005	н	**		11	**	
Xylenes (total)	ND	0.010	н			"	"	
Surr. Rec.:		95 %				"	n	
#1 Surface (C810007-03) Soil S	Sampled: 10/27/08 11:05 F	Received: 10/29/0	8 15:00					D-1
Benzene	ND	0.025	mg/kg	5		11/05/08	8021B	
Toluene	ND	0.025	н	**			"	
Ethylbenzene	ND	0.025	и	н		**	п	
Xylenes (total)	ND	0.050	н	н		**	**	
Surr. Rec.:		100 %				n	"	
#2 Surface (C810007-04) Soil S	Sampled: 10/27/08 11:10 F	Received: 10/29/0	8 15:00					D-1
Benzene	ND	0.10	mg/kg	20		11/05/08	8021B	
Toluene	ND	0.10		**		н	11	
Ethylbenzene	ND	0.10	"	11		u	"	
Xylenes (total)	ND	0.20	11	n .		п	n	
Surr. Rec.:		104 %					#	

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Safety & Environmental Solutions, Inc.

703 E. Clinton Ave Hobbs, NM 88240 Project Number: Oxy-07-015

Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.: C810007

BTEX EPA Method 8021B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
#3 Surface (C810007-05) Soil	Sampled: 10/27/08 11:15 Reco	eived: 10/29/0	8 15:00				D -1
Benzene	ND	0.025	mg/kg	5	11/05/08	8021B	
Toluene	ND	0.025		ŧi	9	n	
Ethylbenzene	ND	0.025	*	Ħ	H	n	
Xylenes (total)	ND	0.050	"	"	и,		
Surr. Rec.:		119 %			TI TI	n	
#4 Surface (C810007-06) Soil	Sampled: 10/27/08 11:20 Reco	eived: 10/29/0	8 15:00			•	D- 1
Benzene	ND	0.10	mg/kg	20	11/05/08	8021B	
Toluene	ND	0.10	"	u .	п	ч	
Ethylbenzene	ND	0.10	11	u	Ü	H	
Xylenes (total)	ND	0.20	۳ .	n	*	H	
Surr. Rec.:		109 %			n	п	

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@TOTAL | 126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296

Safety & Environmental Solutions, Inc.

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703 E. Clinton Ave Hobbs, NM 88240 Project Number: Oxy-07-015

Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.: C810007

Total Recoverable Petroleum Hydrocarbons with Silica Gel Clean-Up by IR Spectrometry

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
SP#1 Area 2 (C810007-01) Soil	Sampled: 10/03/08 11:10	Received: 10/29	/08 15:00				
Total Petroleum Hydrocarbons	27000	400	mg/kg	20	11/05/08	EPA 418.1	
SP #2 Area 2 (C810007-02) Soil	Sampled: 10/03/08 11:15	Received: 10/29	/08 15:00				
Total Petroleum Hydrocarbons	25	20	mg/kg	1	 11/05/08	EPA 418.1	•
#1 Surface (C810007-03) Soil S	Sampled: 10/27/08 11:05 F	Received: 10/29/08	3 15:00	٠.			
Total Petroleum Hydrocarbons	970	80	mg/kg	4	11/05/08	EPA 418.1	
#2 Surface (C810007-04) Soil S	Sampled: 10/27/08 11:10 F	Received: 10/29/08	3 15:00				
Total Petroleum Hydrocarbons	22000	400	mg/kg	20	11/05/08	EPA 418.1	
#3 Surface (C810007-05) Soil S	Sampled: 10/27/08 11:15 F	Received: 10/29/08	3 15:00				
Total Petroleum Hydrocarbons	4900	20	mg/kg	1	11/05/08	EPA 418.1	
#4 Surface (C810007-06) Soil S	Sampled: 10/27/08 11:20 F	Received: 10/29/08	3 15:00				
Total Petroleum Hydrocarbons	31000	400	mg/kg	20	11/05/08	EPA 418.1	

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Safety & Environmental Solutions, Inc.

703 E. Clinton Ave

Hobbs, NM 88240

Project Number: Oxy-07-015

Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.: C810007

ANALYSIS REPORT - Quality Control

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RPD	Notes
Batch CR00157 - General Prep								_
Blank (CR00157-BLK1)				Prepared &	z Analyzed	11/05/08		
Chloride	ND	10	mg/kg					•
LCS (CR00157-BS1)				Prepared &	Analyzed	11/05/08		
Chloride	4.50		mg/kg	5.00		90		
LCS Dup (CR00157-BSD1)				Prepared &	Analyzed:	11/05/08		
Chloride	4.65		mg/kg	5.00		93	3	
Matrix Spike (CR00157-MS1)				Prepared &	Analyzed:	11/05/08		
Chloride	4.25		mg/kg	5.00	-	85		
Matrix Spike Dup (CR00157-MSD1)				Prepared &	Analyzed	11/05/08		
Chloride	4.05		mg/kg	5.00		81	5	

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Safety & Environmental Solutions, Inc.

703 E. Clinton Ave Hobbs, NM 88240 Project Number: Oxy-07-015

Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.:

C810007

BTEX EPA Method 8021B - Quality Control

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RPD	Notes
Batch CR00159 - EPA 5030B								
Blank (CR00159-BLK1)				Prepared &	: Analyzed:	11/05/08		
Surrogate: a,a,a-Trifluorotoluene	0.0475		mg/kg	0.0500	<u> </u>	95		
Benzene	ND	0.005	11					
Toluene	ND	0.005	"					
Ethylbenzene	ND	0.005	*					
Xylenes (total)	ND	0.010	"					
LCS (CR00159-BS1)				Prepared &	: Analyzed:	11/05/08		
Benzene	0.048		mg/kg	0.0500		96		
LCS Dup (CR00159-BSD1)				Prepared &	: Analyzed:	11/05/08		
Benzene	0.048		mg/kg	0.0500		96	0	
Matrix Spike (CR00159-MS1)				Prepared &	: Analyzed:	11/05/08		
Toluene	0.045		mg/kg	0.0500		90		
Matrix Spike Dup (CR00159-MSD1)			,	Prepared &	Analyzed:	11/05/08		
Toluene	0.043		mg/kg	0.0500		86	5	

Approved By

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Safety & Environmental Solutions, Inc.

Project Number: Oxy-07-015

703 E. Clinton Ave Hobbs, NM 88240 Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.:

C810007

Total Recoverable Petroleum Hydrocarbons with Silica Gel Clean-Up by IR Spectrometry - Quality Control

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RPD	Notes
Batch CR00158 - EPA 3550B								
Blank (CR00158-BLK1)				Prepared &	: Analyzed:	11/05/08		
Total Petroleum Hydrocarbons	ND	20	mg/kg					
LCS (CR00158-BS1)				Prepared &	: Analyzed:	11/05/08		
Total Petroleum Hydrocarbons	117		mg/kg	100		117		
LCS Dup (CR00158-BSD1)				Prepared &	: Analyzed:	11/05/08		
Total Petroleum Hydrocarbons	114		mg/kg	100		114	3	<u> </u>
Matrix Spike (CR00158-MS1)				Prepared &	: Analyzed:	11/05/08		
Total Petroleum Hydrocarbons	103		mg/kg	100		103		
Matrix Spike Dup (CR00158-MSD1)				Prepared &	: Analyzed:	11/05/08		
Total Petroleum Hydrocarbons	107		mg/kg	100		107	4	

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Safety & Environmental Solutions, Inc.

703 E. Clinton Ave

Hobbs, NM 88240

Project Number: Oxy-07-015

Project Name: Oxy Big Walt Battery

Project Manager: Bob Allen

Work Order No.:

C810007

Notes and Definitions

D-1 Sample diluted due to high concentration of target analytes and/or high organic content.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

Approved By

Argon Laboratories, Inc.



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



SOIL SAMPLE ANALYTICAL RESULTS
2RP-3334 - 9.17.08 (Big Walt 2 State #008)
Oxy USA Inc.
Eddy County, New Mexico
Ensolum Project No. 03B1417069

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-3334 - 9.17.08 (Big Walt 2 State #008)
Oxy USA Inc.
Eddy County, New Mexico
Ensolum Project No. 03B1417069

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



SOIL SAMPLE ANALYTICAL RESULTS 2RP-3334 - 9.17.08 (Big Walt 2 State #008)
Oxy USA Inc. **Eddy County, New Mexico**

Ensolum Project No. 03B1417069

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	Sample Analytica	al Results					
FS-61	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-62	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-63	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-64	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-65	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.3	<10.0	15.3	<16.0
FS-66	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-67	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-68	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	60.7	15.3	76.0	<16.0
FS-69	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-70	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-71	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-72	9/2/2022	0.25 - 0.50	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-73	9/2/2022	0.25 - 0.50	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	28.4	<10.0	28.4	16.0
FS-74	9/2/2022	0.25 - 0.50	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	15.8	<10.0	15.8	32.0
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
*EC 96	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	1,770	593	2,363	<16.0
*FS-86	9/29/2022	48			NS			<10.0	70.3	16.5	86.8	NS
FS-87	9/2/2022	0.25 - 0.50	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-88	9/2/2022	0.25 - 0.50	<0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-89	9/2/2022	0.25 - 0.50	<0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-90	9/2/2022	0.25 - 0.50	<0.050	<0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<16.0



SOIL SAMPLE ANALYTICAL RESULTS 2RP-3334 - 9.17.08 (Big Walt 2 State #008) Oxy USA Inc. Eddy County, New Mexico Ensolum Project No. 03B1417069

Sample Designation	Date	Depth (inches bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
	I Conservation Soils Impacted (≤ 50 feet)	Division Closure by a Release	10	NE	NE	NE	50	NE	NE	NE	100	600
					Floor S	ample Analytica	al Results					
FS-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
*FS-98	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
F3-80	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
*EC 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

SOIL SAMPLE ANALYTICAL RESULTS
2RP-3334 - 9.17.08 (Big Walt 2 State #008)
Oxy USA Inc.
Eddy County, New Mexico
Ensolum Project No. 03B1417069

Sample Designation	Date	Depth (inches bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
	Conservation Soils Impacted (≤ 50 feet)	Division Closure by a Release	10	NE	NE	NE	50	NE	NE	NE	100	600
					Floor S	ample Analytica	al Results					
FS-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

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SOIL SAMPLE ANALYTICAL RESULTS
2RP-3334 - 9.17.08 (Big Walt 2 State #008)
Oxy USA Inc.
Eddy County, New Mexico
Ensolum Project No. 03B1417069

Sample Designation	Date	Depth (inches bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
	I Conservation Soils Impacted (≤ 50 feet)	Division Closure by a Release	10	NE	NE	NE	50	NE	NE	NE	100	600
					Floor S	ample Analytica	I 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	cal Results					
SW-86	10/21/2022	0 - 48			NS			<10.0	<10.0	<10.0	<10.0	NS
SW-98	10/21/2022	0 - 72			NS			<10.0	<10.0	<10.0	<10.0	NS
SW-102	10/21/2022	0 - 72			NS			<10.0	<10.0	<10.0	<10.0	NS
SW-131	10/21/2022	0 - 108			NS			<10.0	<10.0	<10.0	<10.0	NS

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

* Indicates sidewall sample taken

bgs: below ground surface

mg/kg: milligrams per kilogram

NE: Not Established

NS: Not Sampled

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

Over Ecavated and/or Re-Sampled

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

MRO: Motor Oil/Lube Oil Range Organics

TPH: Total Petroleum Hydrocarbon



APPENDIX E

Laboratory Data Sheets and Chain-of-Custody Documentation



September 09, 2022

BEAUX JENNINGS

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: BIG WALT

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

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

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

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

Sampling Date: 09/02/2022

Sampling Type: Soil

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

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

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	QM-07
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	73.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	73.6	% 46.3-17	8						

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Celeg D. Keene



Analytical Results For:

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

Received: 09/02/2022

Sampling Date: Sampling Type:

Sample Received By:

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

Sampling Type: Soil
Sampling Condition: ** (See Notes)

09/02/2022

Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

mg/kg

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

BTEX 8021B

	97	9		u by: 5,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	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	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	52.6	10.0	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	16.7	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	70.4	% 45.3-16							

Analyzed By: JH/

 Surrogate: 1-Chlorooctadecane
 76.4 %
 43.3-101

 Surrogate: 1-Chlorooctadecane
 76.9 %
 46.3-178

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Celey D. Keine



09/02/2022

Soil

Analytical Results For:

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

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

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

Project Location: OXY - EDDY, CO.

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

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 %	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	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	75.3 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	78.5	% 46.3-17	8						

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Celey D. Keene



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 - 4 0-0.25" (H224051-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, 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*	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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Celeg D. Frene



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 WALTSampling Condition:** (See Notes)Project Number:03B1417054Sample Received By:Shalyn RodriguezProject 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 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*	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	78						

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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 - 6 0-0.25" (H224051-06)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	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						

Surrogate: 1-Chlorooctadecane 98.7 % 46.3-178

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Celey D. Keene



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

Analyzed By: 1H /

Project Location: OXY - EDDY, CO.

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

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	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	174	10.0	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	95.8	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	71.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.4	% 46.3-17	8						

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Celey D. Keine



09/02/2022

Soil

Analytical Results For:

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

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

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

Project Location: OXY - EDDY, CO.

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

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
Chloride, 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*	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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Celeg 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) 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	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, 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*	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) Sample Received By: Project Number: 03B1417054 Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

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

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 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	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	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 - 11 0-0.25" (H224051-11)

BTEX 8021B

	9/	9	7	7: 5::,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	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*	<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	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: Project Number: 03B1417054 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: JH/

Project Location: OXY - EDDY, CO.

mg/kg

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

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	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) Sample Received By: Project Number: 03B1417054 Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

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

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	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	24.8	10.0	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	74.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	80.2	% 46.3-17	8						

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Analytical Results For:

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

Received: 09/02/2022 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 - 15 0-0.25" (H224051-15)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	<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	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 - 16 0-0.25" (H224051-16)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	< 0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	<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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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 - 17 0-0.25" (H224051-17)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	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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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 - 18 0-0.25" (H224051-18)

BTEX 8021B

DILX GOZID	ilig/	, kg	Andryzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	<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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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 - 19 0-0.25" (H224051-19)

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

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Analytical Results For:

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

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

Reported: 09/09/2022 Sampling Type: Soil

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

Project Location: OXY - EDDY, CO.

Sample ID: FS - 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 %	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)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

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

BTEX 8021B	mg,	/kg	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	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	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	112	% 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: 09/02/2022 Sampling Date: 09/02/2022

Reported: 09/09/2022 Sampling Type: Soil

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

Project Location: OXY - EDDY, CO.

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

BTEX 8021B	mg/	kg	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	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	191	95.5	200	5.55	
DRO >C10-C28*	23.2	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	101 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 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) Sample Received By: Project Number: 03B1417054 Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

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

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*	<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	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 - 24 0-0.25" (H224051-24)

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

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/06/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	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*	44.8	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	93.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105 9	6 46.3-17	8						

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Analytical Results For:

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

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

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

Sampling Date: 09/02/2022

Sampling Type: Soil

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

Sample ID: FS - 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						

Analyzed By: 1H /

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Analytical Results For:

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

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

Reported: 09/09/2022 Sampling Type: Soil

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

Project Location: OXY - EDDY, CO.

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

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

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

Project Location: OXY - EDDY, CO.

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

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	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*	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) Sample Received By: Project Number: 03B1417054 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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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 - 31 0-0.25" (H224051-31)

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

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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 - 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	% 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 - 33 0-0.25" (H224051-33)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/06/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	761	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	293	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	70.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	127	% 46.3-17	<i>'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)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

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

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

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Celey D. Keene



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 - 35 0-0.25" (H224051-35)

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	119	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	87.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.3	% 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 Reported: 09/09/2022

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

Sampling Date:

Sampling Type:

Project Location: OXY - EDDY, CO.

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

BTEX 8021B	mg/	kg	Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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, 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	09/06/2022	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

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

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	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	83.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.5	% 46.3-17	78						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

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

Reported: 09/09/2022 Sampling Type: Soil

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

Project Location: OXY - EDDY, CO.

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

BTEX 8021B	mg/	kg	Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 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 - 40 0-0.25" (H224051-40)

BTEX 8021B	mg/	kg	Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	85.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.0	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) Sample Received By: Project Number: 03B1417054 Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

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

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	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 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	48.0	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	79.5	% 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

DILX GOZID	11197	ng .	Allulyzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/06/2022	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) Sample Received By: Project Number: 03B1417054 Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

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

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<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	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)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

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

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	115	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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*	41.9	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	12.4	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	77.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.9	% 46.3-17	<i>'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)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: OXY - EDDY, CO.

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

RTFY 8021R

BIEX 8021B	mg,	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	< 0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	< 0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
Chloride, 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						

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Analytical Results For:

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

Received: 09/02/2022 Reported:

09/09/2022 **BIG WALT** 03B1417054

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

Sampling Type: Soil

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

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

Project Name:

Project Number:

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	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	99.8 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109 %	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) Sample Received By: Project Number: 03B1417054 Shalyn Rodriguez Project Location: OXY - EDDY, CO.

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

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	82.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.8	% 46.3-17	8						

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09/02/2022

Analytical Results For:

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

Received: 09/02/2022 Sampling Date:

Reported: 09/09/2022 Sampling Type: Soil

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

Analyzed By: 1H /

Project Location: OXY - EDDY, CO.

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

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 69.9-14	0						
Chloride, 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	96.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104	% 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 - 49 0-0.25" (H224051-49)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	94.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	78						

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Analytical Results For:

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

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

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

Sampling Type: Soil

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

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

BTEX 8021B	mg,	/kg	Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	46.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	15.8	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	88.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	<i>'</i> 8						

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Analytical Results For:

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

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

Reported: 09/09/2022 Sampling Type: Soil

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

Project Location: OXY - EDDY, CO.

Sample ID: FS - 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, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	15.8	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	86.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.3	% 46.3-17	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)

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	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 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	101 %	6 46.3-17	8						

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Analytical Results For:

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

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

Reported: 09/09/2022 Sampling Type: Soil

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

Analyzed By: JH/

Project Location: OXY - EDDY, CO.

mg/kg

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

BTEX 8021B

DILX GOZID	11197	ng .	Allulyzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 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	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	79.3	% 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
 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 - 54 0-0.25" (H224051-54)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	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 - 55 0-0.25" (H224051-55)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	81.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.9	26 46.3-17	8						

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09/02/2022

Analytical Results For:

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

Received: 09/02/2022 Sampling Date:

Reported: 09/09/2022 Sampling Type: Soil

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

Project Location: OXY - EDDY, CO.

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

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	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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09/02/2022

Soil

Analytical Results For:

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

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

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

Project Location: OXY - EDDY, CO.

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

BTEX 8021B	mg	/kg	Analyze	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	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

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

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	1.79	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	87.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.2	% 46.3-17	8						

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Celey D. Kune



Shalyn Rodriguez

Sample Received By:

Analytical Results For:

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

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

 Reported:
 09/09/2022
 Sampling Type:
 Soil

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

Project Location: OXY - EDDY, CO.

03B1417054

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

Project Number:

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	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	% 46.3-17	8						

Analyzed By: 1H /

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Analytical Results For:

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

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

Reported: 09/09/2022 Sampling Type: Soil

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

Analyzed By: JH/

Project Location: OXY - EDDY, CO.

mg/kg

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

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	71.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.1	% 46.3-17	8						

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Celey D. Keene



Shalyn Rodriguez

Sample Received By:

Analytical Results For:

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

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

 Reported:
 09/09/2022
 Sampling Type:
 Soil

Project Name: BIG WALT Sampling Condition: ** (See Notes)

Project Location: OXY - EDDY, CO.

03B1417054

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

Project Number:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	87.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104	% 46.3-17	8						

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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 - 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	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	87.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106	% 46.3-17	8						

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Analytical Results For:

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

 Received:
 09/02/2022
 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	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*	<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	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	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 - 66 0.25-0.5" (H224051-65)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	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	<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 - 67 0.25-0.5" (H224051-66)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, 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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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 - 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, 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*	60.7	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	15.3	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	82.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.2	% 46.3-17	8						

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Analytical Results For:

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

 Received:
 09/02/2022
 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 - 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	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 - 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	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	86.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

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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 - 71 0.25-0.5" (H224051-70)

Project Name:

Project Number:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	< 0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 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	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	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 - 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	% 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	90.4	% 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 - 73 0.25-0.5" (H224051-72)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, 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*	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						

Surrogate: 1-Chlorooctadecane /8.5 % 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) Sample Received By: Project Number: 03B1417054 Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

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

BTEX 8021B	mg/	/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	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*	15.8	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	80.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.8	% 46.3-17	8						

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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	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*	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	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 - 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, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	62.4	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	34.4	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	72.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.4	% 46.3-17	<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

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

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	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	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)

Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez
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	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	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	% 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 - 79 0.25-0.5" (H224051-78)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, 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	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)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

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	% 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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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 - 81 0.25-0.5" (H224051-80)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	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*	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	<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)
Project Number: 03B1417054 Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY, CO.

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

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.84	92.0	2.00	4.17	
Toluene*	<0.050	0.050	09/07/2022	ND	1.91	95.3	2.00	5.55	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.6	2.00	3.61	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.97	99.5	6.00	4.22	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, 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*	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	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 - 83 0.25-0.5" (H224051-82)

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 (P.	ID 101	% 69.9-14	10						
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	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	83.7	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	93.2	% 46.3-17	78						

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Analytical Results For:

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

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

 Reported:
 09/09/2022
 Sampling Type:
 Soil

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

Project Location: OXY - EDDY, CO.

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

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	84.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.2	% 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 - 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: **(

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

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

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

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Celeg & Freene



Analytical Results For:

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

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

Reported: 09/09/2022 Sampling Type: Soil

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

Project Location: OXY - EDDY, CO.

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

BTEX 8021B	mg	/kg	Analyze	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	102	% 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	89.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.6	% 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 - 89 0.25-0.5" (H224051-88)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	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*	<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	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 - 91 0.25-0.5" (H224051-90)

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, 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	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*	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	78						

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Notes and Definitions

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

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

Company Name:		BILL TO		ANALYSIS REQUEST	
Project Manager: Deave J	2	- 1			
I. Marienfeld St. S		Company: Oxy USA, It	Inc.		
City: Midland	State: TX Zip: 79701	Attn: Wade Dittrich			
Phone #: 432 230 3344	Fax #:	Address:			
Project #:0381417054	Project Owner: OXY	City:			
i,		State: Zip:			
Project Location: Early Co		Phone #: 575-390-2828	16	43	
Sampler Name: SHANE D.	144.52	Fax #:	pu 2		
	- 1	PRESERV. SAME	SAMPLING 5	5	
	RS	3	801	, de	
Lab I.D. Sample I.D.	(G)RAB OR (C) # CONTAINER GROUNDWAT WASTEWATE SOIL OIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	TPH BTEX	Chlor	TIME
1-53	0-025 C1 X	x 9-2-22	· 222 Bet x x	X	24,1
	0-:25 C 1 X	x 9-2-2	824 K X	X	141
B F5-3	0-25 C1 K	2.2.5 X	21826 X X 3	X	24/
	025 C 1 X	2.2.5 3	858 × ×	X	743
5-8	0-75 C1 K	x 9-2-22	x x	Κ	100
6 F5-6	N 1252.0	12-2-6 X	832 × ×	K	73 6
7-27	025-01	15-2-25 X	X X	۲ .	754
8-53 ×	0-25 C1 X	x 9-2-2	x x 25822-2	×	756
	0 - 25 C 1 X	2	×	(×	730
PLEASE NOTE: Liability and Damages. Calidinal's liability and	d client's exclusive remedy for any claim scrising whether based in cont	tract or hort, shall be limited to the amount pa	-		
analypes. All claims including those for negligence and any offi- service. In no event shall Cardinal be liable for incidental or co- affiliates or successors arising out of or related to the performa-	er cause whatsoever shall be deemed with sequental damages, including without limit see of services hereunder by Cardinal, (19ga	ed curiasa mada in witting and received by Cardinal within 30 days after completion of the approache after, business shampfices, inten of use, or lease of profits incurred by plant, its subsidiantes, orders of whether such often in based upon any of the above stated respons or differentials.	him 30 days after completion of the applicable fig incurred by client, its subsidiaries, above stated regions or otherwise.		
shed By:	Date: Received By:		Verbal Result: Yes All Results are emailed. P	Verbal Result: ☐ Yes ☐ No ☐ Add i Phone #: All Results are emailed. Please provide Email address:	
Relinquished By:	Date: Received By:	grand	BJennings@ensolum.com REMARKS:	n	
	Time:				
Delivered By: (Circle One)	Observed Temp. C30, 70 Sample Condition	ndition CHECKED BY:	Turnaround Time: S		ample Condition Observed Temp. °C
Sampler - UPS - Bus - Other:	C New C	S	Correction Feator -0.5°C	O. 10° No No Corrs	Corrected Temp. °C

Page 93 of 101

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

Company Name:	Enerdum III					-	BI	LL 70					A	ANALYSIS		REQUEST	E	ST			_	
Project Manager:						9	P.O. #:			4		-	\dashv	\dashv					-	-		
Address: 601	601 N. Marienfeld St. ST	STE 400				C	Company: (Oxy USA, Inc	C.				_	_						_		
City: Midland		State: TX	Zip:	79	79701	A	Attn: Wade	Wade Dittrich				_	_	_					_	_		
Phone #: 732	230 734	// Fax#:				A	Address:					_	_	_	_				_	_	_	
Project #: 038	1417054	Project Owner:	0	X	1	0	City:			_		0		_	_				_		_	
Project Name:	Big Wal,					S	State:	Zip:				0	_	_	_	_						
Project Location:	Eddy C	0 ,				P	Phone #: 5	575-390-2828	80		6	45	_	_								
Sampler Name:	SHAWE E	VILLER.				Fa	Fax #:			m	21		_							_		
FOR LAB USE ONLY				\dashv	MATRIX		PRESERV.	SAMPLING	LING	5	30	5		_						_		
;										801		ride										
Lab I.D.	Sample I.D	sample Depm	(G)RAB OR	# CONTAINE	GROUNDW/ WASTEWAT SOIL OIL	SLUDGE OTHER:	ACID/BASE: ICE / COOL OTHER :	DATE	TIME	TPH	BTEX	Chlo		-	_						3	To The state of th
11	11-54	0-025	0	^	0.0		×	9-2-22	448	X	X	X							_		00	208
Ø.	F5-12	0-,25	0	~	×		×	9.2.22	2.58	4	X	K	H	-						-	00	0
Į,	R-13	025	0	-	~	-	×	9.2.22	808	×	X	X	-	-	-				-	-		
14	27	025	0	~	×		K	9-2-22	118	X	8	X	-	-	L				-	-		
OT.	15-15	025	0	~	K	-	7	22.2.8	813	K	X	K	-	-	_				-	H		
9)	11-51	25.0	0	~	K	H	×	32-2-8	815	×	×	ĸ	-	-	L				-	-		
17	4-5	025	1	-	ĸ	-	K	9-7-78	817	X	×	K	H	-	-							
8	2-18	0 - 25	1	-	×	-	×	9-2-22	81822-1	×	×	×	+	+	-				-	-		
250	15-10 10-10-10-10-10-10-10-10-10-10-10-10-10-1	52.0	00		~ ×	+	4 4	822.2.6	818	××	××	××	-	-								
PLEASE NOTE: Liability and Damages. Cards unalyses. All claims including those for neglige service: In no event shall Cardinal be liable for	and Damages. Cardinal's liability a ding those for negligence and any Cardinal be liable for incidental or	nd client's exclusive remady for any other cause whatsoever shall be de consequental damages, including w	y claim eemed without	arising waived limitade	g whether based in contract of unless made in writing and filon, business interruptions, ic	act or to and rec a, loss	ort, shall be limited believed by Cardinal (of use, or loss of p	to the amount paid within 30 days after roffs incurred by di-	by the client for the completion of the applicable ent, its subsidiaries.	pplicabl	*											
Relinquished By		Date:	Rec	eive	Received By:				Verbal Result:	JIT:	☐ Yes	s ☐ No Add'l Phone #: Please provide Email address:	Ac	Email	Add'i Phone #: de Email addre	98						
Sh	Men	Time: 154	1	3	950	0	2	3	BJennings@ensolum.com	@ens	iolum.		OVINE	5110	900	9						
Relinquished By	•	Date:	Rec	Nie.	Received By:	1		9	REMARKS:													
Delivered By: (Circle One)	rcle One)	erved lemp.	0	ورع	Sample Condition Cool Intact	lition		(Initials)	Turnaround Time: Thermometer ID #1	Time	#113	Standard Rush			Bacteria (on Cool Intact	a (only tact	y) San	Bacteria (only) Sample Condition Cool Intact Observed Temp.	ample Condition Observed Temp. °C			
Sampler - UPS - Bus - Other:	Bus - Other:	Carrected lamp. C	30	00	No No	No	3	1	Correction Facta	4	95°C-	0.6:			No No	No		orrected	Corrected Temp. °C		_	

Page 94 of 101

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

Company Name			ľ				l	l	l		
Company ranne.	Ensolum, LLC				811	110				ANALYSIS	YSIS REQUEST
Project Manager:	1				P.O. #:		_	-	_		
Address: 601 N	601 N. Marienfeld St. STE 400	400			Company: C	Oxy USA, Inc.			_		
City: Midland		State: TX	Zip:	79701	Attn: Wade Dittrich	Dittrich		_	_		
Phone #: 732	230 73401	Fax #:			Address:				_		
Project #:038	1417054	Project Owner:	0	1 XC	City:			_	_		
Project Name: ∠	Big Wal					Zip:		_	_	00	
Project Location:	Eddy Co				**	575-390-2828		_		45	
Sampler Name:	SHANE !	CC 25 R			Fax#:			m	21.	9	
FOR UAB USE ONLY			P.	MATRIX		SAMPLING	Ш	15	80	5	
Lab I.D.	Sample I.D.	Sample Depth (feat)	(G)RAB OR (C)OM	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	DATE TIME	m .	TPH 801		Chloride	
الع	12-21	0-025	0	X	* 1	m		X	X	X	
25	PS-22	0-,25	0	×	×	8	N	X	-	X	
23		0-25	0	' '	×	815.5.	2.	-	.,	X	
양		25.0	0	*	K	25.22	200	X .		×	
di	FS- 25	25.0	0	, κ	ĸ	825.2			X	Κ	
व्यक	F5- 26	025	0	7 3	×	8 33	30.	X	×	K	
بع.	15-27	025	^	1 . *	У.	w	2	χ	X	Χ.	
28	15-28	025	0	, K	*	-2-2283			X	×	
8	2.50	0 . 25	0	×	K	8821.3-6	a	×	X	×	
30	8,30	025	0	1	ζ.	6822-2-6	00	~	×	X	
YLEASE NOTE: Liability and Dama, malyses, All claims including those ervice: In na event shall Cardinal but stilllates or successions wision out of	ENOTE: Liability and Damagas: Cardinal's liability and of S. All claims: sincluding those for negligence and any other to no event shall Cardinal be liable for incidental or cost to no event shall Cardinal be liable for incidental or cost on a successors wissing out of or related to the nextorman.	lant's exclusive remady for an cause whatsoever shall be di equental damages, including re	any claim e deemed ng without	edy for any claim arising whether based in contract or but strail be deemed welved unless made in writing and rece including without firmlation, business intemptions, loss or and the football securities.	Ten 19. 14.	shali be limited to the amount paid by the client for the and by Cardinal within 30 days after completion of the applicable use, or less of profits incurred by dient, its subsidiaries,	nt for the n of the ap midiaries,	plicable			
Relinquished By:	M	Date: 7514	√ Rec	Received By:	oro S		Verbal Result: VII Results are BJennings@	t: Bensolu	erbal Result: I Yes I Results are emailed. Pla BJennings@ensolum.com	□ No	Add'l Phone #: de Email address:
Relinquished By:		Date: Time:	. Rec	Received By:		REMARKS:	RKS:				
Delivered By: (Cir.		Observed Temp S	2	C Cool Intact	ct (Initials)		ound T	ime:	St		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Time:	200		1	ED BY: als)	Turnar	Turnaround Thermometer I	Turnaround Time: Thermometer ID #11:	芯	Standard Standard Rush

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

Page 95 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	C		BILL TO			ANALYSIS REQUEST
Project Manager:			P.O. #:	-	7	
Address: 601 N. Marienfeld St.	STE 400		pany: Oxy USA,	Inc.	_	
City: Midland	State: TX Zip:	p: 79701	Attn: Wade Dittrich		_	
Phone #: 132 230 734	40/ Fax #:		Address:		_	
Project #:038/4/7054	Project Owner:	YXO	City:		0	
Project Name: B. 9 Wa	1		State: Zip:		00	
Project Location: Early	0		# 5	328	6	
Sampler Name: SHANE	DILLER		Fax #:	m		
FOR LAB USE CNLY	p	MATRIX	PRESERV, SAM	SAMPLING	80	
Lab I.D. Sample I.D.	.D. Sample Depth (fact)	# CONTAINERS GROUNDWATER WASTEWATER SOIL DIL SLUDGE	OTHER: ACID/BASE: CE / COOL OTHER:	TRU RO		
	520-0	×	x 9-2-2	× 0482	X	
30 195- 32		×	2-2-6 X	4	X	
	0-25 6	~	12-2-5 X	852	x	
	025 C	*	13-2-5 3	1 4582	×	
	025 0	γ '	x 9-2-72	D -	×	
36 65-36	0-25 6	7 1	32-2-22 X	0	×	
	025 0	- «	22-2-50 3		K	
38 15.38	025 6	/ ×	1	100		
FS-34	0 - 25 6	×	V 9-2-22	× 2067	×	
	025 C	-	22-2-6 >	90	×	
YLEASE NOTE: Lakely and Damages, Cardina's labelly and dis- analyses. All claims including those for negligence and any other service: In no event shall Cardinal be liable for incidental or consec- sifiation or successors which gold of or related to the cerformance.	ent's exclusive ram cause whatsoever quental damages, of services harous	edy for any claim arising whether based in contract or toot shall be deemed walked unless made in writing and recei- including without limitation, business interruptions, loss of including without limitation, business interruptions, loss of	a toot, shall be limited to the amount paid by the client for the received by Cardinal within 30 days after completion of the a say of use, or loss of profits inoursed by client, its subsidiaries as of use, or loss of profits inoursed by client, its subsidiaries	id by the client for the er completion of the applicable client, its subsidiaries.	stie	
Relinquished By:	Date: JS/H	Sladrion		All Results are emailed. Ple BJennings@ensolum.com	52 69 8	☐ No Add'I Phone #: Please provide Email address:
Relinquished By:	Date: R	Received By:	. 9	REMARKS:		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observation Temp. 'SO.	Sample Condition Cool Intact Cool Intact Cool Intact	on CHECKED BY: (Initials)	Turnaround Time: Thermometer ID #113	e: Standard Rush	dard Bacteria (only) Sample Condition Cool Intact Observed Temp. °C

ND ANALYSIS REQUEST

Dags 06 of 101

Page 96 of 101

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			BILL TO				ANALYSIS RE	REQUEST	
Project Manager:			P.O.	0.#:						
Address: 6011	601 N. Marienfeld St. STE 400	400	co	Company: Oxy USA, Inc	ić.					
City: Midland		State: TX Zip: 79	79701 At	Attn: Wade Dittrich				_		
Phone #: 732	1346 384	Fax #:	Ad	Address:			_	_		
Project #:038	1417054	Project Owner: OX	City:	ď.			0			
Project Name: 3	Big Wal		St	State: Zip:			00			
Project Location:	Eddy Co.		PH	* 5	88	6	45			
Sampler Name:	SHANE DI	CCISA	Fa	Fax#:	m	21	-	_		
FOR LAB USE ONLY			MATRIX	PRESERV. SAMPLING	LING		5"	_		
Lab I.D.	Sample I.D.	Sample Depth (G)RAB OR (C)OMP. # CONTAINERS	GROUNDWATER WASTEWATER SOIL DIL SLUDGE DTHER	ACID/BASE: CE / COOL OTHER :	TPH BOIS		Chloride			
H,	12 4	0-025 61		×	× 406	X	×			
£	F5- 42	0-,25 61	×	12-2-6 X		X	X			
£.	E4-43	0-25 61	ζ.	12-2-6 X	906	X	X			
th the	2-14	0-25 61	×	12.2-5 3	2 60622.2	8	×			
ৰ্দ	24-53	0-2501	Υ	K 9-2-72	908 ×	X	X			
and a	12-46	1352.0	K	12-2-22 X	913 ×	х	K			
5	2-42	025 611	۲	1 9-2-22	915 x	K	κ.			
Sh.	E2-49	0-2561	×	x 9-2-22	917 ×	×	×			
5	Ps- 49	0-2561	×	61622-2-6 X	× 613	×	×			
900	E5- 50	0 25 CI	κ.	7 9-2-20	X 125	X	X			
PLEASE NOTE: Liability and smallyses. All claims including service: In no event shall Car atiliates or successors atiative.	NEASE NOTE: Lissiky and Damagee, Cardmat's lability and oil analysea. All claims including these for negligence and any other service in no event shall Cardinal bit liable for incidental or constitution of the performance stillates or successors withing out of or related to the performance.	erit's exclusive remedy for any daim arising whether based in contract crause whatboower shall be deemed watwod unless made in writing at oquantal damager, including without limitation, business i sharpform, of services hereunder by Cardinal, teacridess of whether such daim of services hereunder by Cardinal, teacridess of whether such daim	whether based in contract or lot unless made in writing and recei n, business interruptions, loss of ses of whether such claim is base	shall be limited to the amounted by Cardinal within 30 day use. or loss of profits incurred topos any of the above stands on the same of the same stands.	of paid by the client for the prafter completion of the applicat of by client, its subsidiaries, and resource or otherwise.	ble .				
Relinquished By	1	263	d By:		Verbal Result: ☐ Ye All Results are emailed.	60	☐ No Please provi	□ No Add'l Phone #: Please provide Email address:		
MA.I.	m	1751	Trodkion!	55	BJennings@ensolum.com	5.2	om			
Relinquished By:		Date: Receive	d By:		REMARKS:					

† 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. °C

Yes Yes
No Corrected Temp. °C

Corrected Temp. °C

meter ID #113

Page 97 of 101

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(0/0) 000-2020 FAX (0/0) 393-24/6	393-24/6	
pany Name: Ensolum, LLC	BILL TO	ANALYSIS DESCRIPTION
Lisolaii, LLO	BILL IO	ANALYSIS REQUEST
ect manager;	P.O. #:	
dress: 601 N. Marienfeld St. STE 400	Company Own ISA Inc	

Company Name:	Ensolum, LLC		- 1				BILL TO		1	1		ANAL VEIG DE	OHEST
Project Manager:						P.O. #:			7	1		DIANT OIG NE	NEWOE OF
Address: 601	601 N. Marienfeld St. STE 400	400				Company:	: Oxy USA.	. Inc.					
City: Midland		State: TX	Zip:	: 79701		Attn: Wa	6						
Phone #: 732	230 7344	Fax #:				Address:							
Project #: 038	1417054	Project Owner:	1	0×9		City:					2	_	
Project Name:	Big Walt		- 1			Stato	7in				00		
Project Location:	Eddy C					Dhono #	575-390-2828	828		5	50		
Sampler Name:	2	Costo	1			Fnone #:	010 000	020	и	12	4		
FOR I AR DRE ONLY		2000]			FdX #.	1		1	2			
FOR CHB USE ONLY			ΝP.	MAT	MATRIX	PRESERV		SAMPLING	15	80	5		
Lab I.D.	Sample I.D.	Sample Depth	RAB OR (C)OM	ONTAINERS OUNDWATER STEWATER	DGE	ER: D/BASE: COOL	ER:		PH 801	TEX &	Lloride		
2	12. 51	0-025	_	G	S	A 10	O DAIE	7 673		()			
S.	5-52	0-,25	0	~ ×.		× 1	- 1	1	7	5	()		
SS	FS- BB 58	0-25	0	\ K		×	V		4 6	1	X		
2	h5-54	25.0	0	*		K	2	2530	1	8	×		
Sh	5- 55	0-25	0	~ ×		K	2	2	7 7	X	K		
SIO	F3-56	025	0	1 1		×	2	2	×	×	K		
45	45-53	025	0	2		K	0	28	X	K	X		
88	FS- 58	025	7	×		×	7-7-	20	×	X	×		
8	4- 24	0 - 25	0	~ ×		K	2-3-	46	Χ. ;	×	X		
OLEASE NOTE: I SHIP AND	2	025	0	~ ×		<	8	a,	×	×	X		
nalyses. All claims including those for ne srvice. In no event shall Cardinal be liab	Inalyses. All claims including those for negligence and any other cause whatover shall be deemed waived unless made in votined or tort, shall be limited to the amount paid by the client for the lawless. All claims including those for negligence and any other cause whatover shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable in the control of the control of the applicable in the control of the contro	ents exclusive remedy for any cause whatsoever shall be de- equental damages, including w	claim a emed w	any claim arising whether based in e deemed waived unless made in v ng without limitation, business inten	n contract or writing and r ruptions, los	sed in contract or tort, shall be limited to the am le in writing and received by Cardinal within 30 of interruptions, loss of use, or loss of profits incu-	If he limited to the amount paid by the client for the yy Cardinal within 30 days after completion of the or loss of profits incurred by client, its subsidiaries	id by the client for the completion of the client, its subsidiarite	he applicable		-		
Relinquished By:		200 - 12 - 12 - 12 - 12 - 12 - 12 - 12 -	Rec	Received By:	of Helion	18	r opoit any of the above saled in	Verbal Result:	suft:	□ Yes	□ No	Add'l Phone #:	
The Man	de	Time:1514	2	N N N	3	1010	P	All Results are emailed. Ple BJennings@ensolum.com	are em	M	Please prov	Please provide Email address:	
Relinquished By:		Date:	Reco	Received By:			0	REMARKS:					
Delivered By: (Circle One)		Observed Tamp. S	1	Sample Condition	onditio		CHECKED BY:	Turnaround Time	Time		Standard		
Sampler - UPS - Bus - Other:		Corrected Tamp. 'S	- 5	Cool Intact	Intact Yes	-1	nitials)	Thermometer ID	rID #113)	Rush	Cool Intact	Cool Intact Observed Temp. °C
		20			No	3		Correction F	7	6	5010		

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

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Relinquished By:

Date: Time:

Received By:

REMARKS:

BJennings@ensolum.com

Time:

Received By:

ns, loss of use, or loss of profits incurred by client, its subsidiaries

Verbal Result:

□ Yes

☐ No Add'I Phone #:

All Results are emailed. Please provide Email address:

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

Observed Tamp.

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

Cool Intact
Ves 4 Yes
No 1 No Sample Condition

> CHECKED BY: (Initials)

> > Turnaround Time:

Standard 30,000

Bacteria (only) Sample Condition
Cool Intact Observed Temp.

Yes Yes
No Corrected Temp.

Observed Temp. °C Corrected Temp. °C

Thermometer ID

#113

Relinquished By:

aboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Ensolum, LLC	C		BILL	170			ANALYSIS RE	REQUEST	
Project Manager:			P.O. #:		7		-		-
Address: 601 N. Marienfeld St. STE 400	STE 400		pany:	Oxy USA, Inc.					
City: Midland	State: TX	Zip: 79701		ttrich					
Phone #: 432 230 3.	3344 Fax #:		Address:						_
Project #: 038 1417054	Project Owner:	7 20	City:						
Project Name: B. g Wal	,		State: Zip:	ņ		00			
Project Location: Eddy	8)		Phone #: 575	575-390-2828	,	50			
Sampler Name: SHANE	DICCER		Fax#:		-	4			
FOR LAB USE ONLY		MATRIX		SAMPLING	13				
Lab I.D. Sample I.D.	D. Sample Depth	RAB OR (C)OMP. DINTAINERS DUNDWATER STEWATER	DGE ER: D/BASE: COOL ER:		PH 80	Llorides			
101 15-62	.25.5	^	× 1	92-22 953	K	<		+	1
ES-63	.255	×	×	256 22.2-					
B F3- 64	,25-,5	2	× ×	158 22-2-	X	K			
15-	25.5	×	к 9	0101 22-2-1	×	X			
105 PS- 106	25-5	^ ×	x 9		×	×			
	.25.5	x 2	6 3		-	5			
W -52	:255	C ×	2	77		X			
18 12-69	1.25-5	×)	2	× 1		×			
109 65-70	125-5	×	8 8	2.70	-	×			
70 18 71	.255	Cx	× 5.	250125-3.	X	×		-	
T-C-ASE NOTICE: Labelity and Diamages. Cardinal's liability and client's exclusive terrality of any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the sealyses. All claims to fort shall be limited to the amount paid by the client for the	and client's exclusive remedy for any	ly claim arising whether based in co	ntract or tort, shall be limited to the	amount paid by the client for t	the			-	E

Page 99 of 101

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(575) 393-2326	6 FAX (575) 393-2476			DECLIECT.
ompany Name: Ensolum IIIC	0	BILL TO	ANALY	ANALYSIS REGUES!
		P.O. #:		
ddress: 601 N. Marienfeld St. STE 400	STE 400	Company: Oxy USA, Inc	ņ	
ity: Midland	State: TX Zip: 79701	Attn: Wade Dittrich		
e#: 432 230 3	34 4 Fax #:	Address:		
0381417050		City:	7	
roject Name: B		State: Zip:	00	
on: Edd		Phone #: 575-390-2828	6	
1	DILLER	Fax #:	21	
0,1		X PRESERV. SAMPLING	301	
Lab I.D. Sample I.D.	Symple Depth COMP CONTAINERS ROUNDWATER VASTEWATER	OTHER: CCID/BASE: CCE / COOL OTHER:	TPH & BIEX Chloria	
14-34 Carbo	7	×	1024 x x X	
+		x 9.2.22	×	
73 F5-74	,25-,5	22-2-6 X	X x 1201	
	25.5 C V	22-2-6	×	
	75-5	22-2-5 1	1001 X X	
		22-2-6 3	1030 X	
	,25-5 C X	22-2-5 X	103C K X	
78 65-79	125.5	22-2-6 ×	1034 x x	
28-80	125-15 C X	15-7-56	1036 X X	
80 FS-81	,255 C X		1000 X X X	
PLEASE NOTE: Lability and Damages. Cardinat's lability and client's exclusive remote newpets. All clasms including those for negligence and enry offer cause whether period. In no event shall Continue be liable for incidental or consequential demages, includence to no event shall Continue be liable for incidental or consequential demages.	of client's exclusive remedy for any claim ans ther cause whatsopver shall be deemed wall onsequental damages, including without limit	g and received by Cardinal one, loss of use, or loss of p	r completion of the applicable films, is subsidiarities.	
rifflators or successions arising out of or relating to the p Relinquished By:	Date:	On the state of th	Verbal Result: ☐ Yes ☐ No ☐ Add'l Phone #: All Results are emailed. Please provide Email address: BJennings@ensolum.com	hone #: ii address:
Relinquished By:	Date: Received By:	9	REMARKS:	
P. Carlo Carlo	90	Sample Condition CHECKED BY:	ard 🕉	N) S
Delivered By: (Circle One)	Sample Cool It	0	Rush	Cool Intact Observed Temp. °C
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Page 100 of 101

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

ompany Name: Ensolum, LLC			P.O. #:			
601 N. Marienfeld St. STE 400	100		Company: Oxy USA, Inc.	ρ		
ity: Midland	State: TX	Zip: 79701	Attn: Wade Dittrich			
hone #: 432 230 3344	Fax #:		Address:			
	Project Owner:	XXO	City:	0		
me: B			State: Zip:			
on: Edd			Phone #: 575-390-2828			
Sampler Name: SHANE)	16668		Fax #:	5		
0.000		MATRIX	PRESERV. SAMPLING	801		
Lab I.D. Sample I.D.	Sample Depth)RAB OR (C)OM CONTAINERS ROUNDWATER ASTEWATER DIL IL LUDGE	THER: CID/BASE: CE / COOL THER:	TPH & BIEX Chlorio		
S 52 87	.25.5	2	X 9.2-22	K		
-54	.255	^	9.	x 7501		
1	, 255	2	2	X x 10401		
157	25.5	2	9.2.6	1046 ×		
	25.5		3-6	1070 X X		
-57	25.5	2	2.	1030		
F5-	25-5		1	2 2 200		
S8 F5-89	.25.5	х 2	2.6	1001 ~		
	125-5	C ×	12.2.5 X	1056 X X		
	.255	CIX	art or toot ahall be limited to the amount paid	by the client for the		
ages Ca a for neg	erifs exclusive ram cause whatsoever	edy for any claim arising whether based in ours: shall be deemed waived unless made in writing including without limitation, business interruption	alter acting whatfast based in operators or occurrence or			
affiliates or successors arising out of or related to the performan Rellinguished By:	N SE	Whether such	daim is based upon any of the above stated in	Verbal Result:	☐ No Add'l Phone #: Please provide Email address:	
1/1/ Pull	Time:	2888	agreet	0		
Refinquished By:	Date:	Received By:		REMARKS:		
Delivered By: (Circle One)	Openryad Tamp &	Sample Condition	dition CHECKED BY:	me:	lard 🗆 🕉	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Tamp. "C	So. 10 Day Day	No.	Correction Factor 108°C-O	(0°C DNO NO	Corrected Temp. °C
FORM-005 R 3-2 10/07/21	† Cardinal	cannot accept verbal c	hanges. Please email ch	Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	finallabsnm.com	

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

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, Lab Director/Quality Manager



Analytical Results For:

	, LLC ADLEY AVE. 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		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		H224052-53	Soil	02-Sep-22 12:05	02-Sep-22 15:14
FS - 145		H224052-54	Soil	02-Sep-22 12:05	02-Sep-22 15:14
FS - 146		H224052-55	Soil	02-Sep-22 12:06	02-Sep-22 15:14
FS - 147	0.25-0.5"	H224052-56	Soil	02-Sep-22 12:07	02-Sep-22 15:14
FS - 148	0.25-0.5"	H224052-57	Soil	02-Sep-22 12:08	02-Sep-22 15:14

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705		Project: BIG Project Number: 03 Project Manager: BE Fax To:	B1417054	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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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
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090714	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090628	JН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090628	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	C 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. 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 - 93 0.25-0.5" H224052-02 (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	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090628	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by 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			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



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

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090714	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds l	oy EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		99.6 %	69.9	-140	2090628	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			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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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 - 95 0.25-0.5" H224052-04 (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	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	JН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090628	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by 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			71.6 %	45.3	-161	2090606	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			77.8 %	46.3	-178	2090606	MS	07-Sep-22	8015B	

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Analytical Results For:

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

Reported: 08-Sep-22 15:23

Fax To:

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

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



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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

54 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 l	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090628	JН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		99.6 %	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			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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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 - 98 0.25-0.5" H224052-07 (Soil)

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

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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 l	oy 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	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)	١		102 %	69.9	-140	2090628	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
DRO >C10-C28*	25.1		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			84.8 %	45.3	-161	2090606	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			93.8 %	46.3	-178	2090606	MS	07-Sep-22	8015B	

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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 - 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	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)			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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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 - 101 0.25-0.5" H224052-10 (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	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090628	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*	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 by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			118 %	69.9	-140	2090629	JH/	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	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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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 - 103 0.25-0.5" H224052-12 (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)			116 %	69.9	-140	2090629	JH/	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			74.3 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			81.6 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

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

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

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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

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	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			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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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 - 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 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)			116 %	69.9	-140	2090629	JH/	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			67.2 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			76.5 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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	al Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		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			66.9 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			73.5 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

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Analytical Results For:

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

Reported: 08-Sep-22 15:23

Fax To:

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

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	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)			117 %	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			71.2 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			79.1 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

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Analytical Results For:

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

Reported: 08-Sep-22 15:23

Fax To:

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

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds 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*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			69.7 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			79.0 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Reported: 08-Sep-22 15:23

Fax To:

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

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	3021								
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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Analytical Results For:

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

Reported: 08-Sep-22 15:23

Fax To:

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

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds 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)			115 %	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			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 K JENNINGS

Fax To:

FS - 112 0.25-0.5" H224052-21 (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)			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			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	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	D)		115 %	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			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

417054 08-Sep-22 15:23 IX 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	al Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds h	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			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			72.2 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			79.9 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

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Analytical Results For:

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

Reported: 08-Sep-22 15:23

Fax To:

FS - 115 0.25-0.5" H224052-24 (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)			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			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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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 - 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 (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			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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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 - 117 0.25-0.5" H224052-26 (Soil)

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

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Analytical Results For:

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

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
			Cardina	l 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	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	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			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

054 08-Sep-22 15:23

Fax To:

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

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

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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 - 123 0.25-0.5" H224052-32 (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	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 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			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

17054 08-Sep-22 15:23

Fax To:

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

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			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 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			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	al Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090719	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds l	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	ЈН	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		116 %	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			74.3 %	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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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 - 126 0.25-0.5" H224052-35 (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 I	oy EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090630	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))		109 %	69.9	-140	2090630	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			78.1 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			78.3 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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Analytical Results For:

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

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	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)			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			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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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 - 128 0.25-0.5" H224052-37 (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	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	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			78.2 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			80.6 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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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	al 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	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)			105 %	69.9	-140	2090630	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			78.1 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			79.0 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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Celey D. 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 - 130 0.25-0.5" H224052-39 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090719	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds 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)			111 %	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			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 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)			111 %	69.9	-140	2090630	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	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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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 - 132 0.25-0.5" H224052-41 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2090719	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	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			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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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 - 133 0.25-0.5" H224052-42 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	2090719	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			106 %	69.9	-140	2090630	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			77.8 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			79.9 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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Analytical Results For:

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

Reported: 08-Sep-22 15:23

Fax To:

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

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	2090719	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	JН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		104 %	69.9	-140	2090630	ЛН	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			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

Reported: 08-Sep-22 15:23

Fax To:

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

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090719	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	JН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			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	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)			102 %	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*	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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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 - 137 0.25-0.5" H224052-46 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090720	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	y EPA Method 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	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			103 %	69.9	-140	2090630	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			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

Reported: 08-Sep-22 15:23

Fax To:

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

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

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Analytical Results For:

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

17054 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	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	2090630	JН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			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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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 - 140 0.25-0.5" H224052-49 (Soil)

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

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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 - 141 0.25-0.5" H224052-50 (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	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)			108 %	69.9	-140	2090630	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			78.8 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			81.2 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

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08-Sep-22 15:23



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Analytical Results For:

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

AUX JENNINGS

Fax To:

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

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	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			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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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 - 143 0.25-0.5" H224052-52 (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	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 (PI	D)		102 %	69.9	-140	2090707	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	11.7		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			76.4 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			79.8 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

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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

UX JENNINGS

Fax To:

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

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090720	AC	07-Sep-22	4500-Cl-B	
Volatile Organic 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			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. 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 - 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 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	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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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 - 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 (PIL))		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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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 - 147 0.25-0.5" H224052-56 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	2090720	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	y EPA Method 8	3021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090707	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by Go	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	21.5		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			91.5 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			104 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

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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 - 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	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 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)			100 %	69.9	-140	2090707	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			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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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 - 150 0.25-0.5" H224052-59 (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	JН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090707	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			98.3 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			103 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

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Celey D. Keene



Analytical Results For:

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

Reported: 08-Sep-22 15:23

Fax To:

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

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

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Celey D. Keene

Reported:



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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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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:

FS - 153 0.25-0.5" H224052-62 (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 (PIL))		101 %	69.9	-140	2090707	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			92.0 %	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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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	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			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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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 - 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 8	3021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	JН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090707	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			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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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 - 156 0.25-0.5" H224052-65 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090721	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		101 %	69.9	-140	2090707	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	25.1		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			91.5 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			95.4 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

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Analytical Results For:

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

Reported: 08-Sep-22 15:23

Fax To:

FS - 157 0.25-0.5" H224052-66 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090721	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	JН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			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			93.9 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			100 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

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Analytical Results For:

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

Reported: 08-Sep-22 15:23

Fax To:

FS - 158 0.25-0.5" H224052-67 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	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)			98.2 %	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			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	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			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

Reported:

08-Sep-22 15:23



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Analytical Results For:

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

Project: BIG WALT Project Number: 03B1417054

Project Manager: BEAUX JENNINGS

Fax To:

FS - 160 0.25-0.5" H224052-69 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	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			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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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 - 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 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))		99.0 %	69.9	-140	2090707	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			76.7 %	45.3	-161	2090620	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			85.2 %	46.3	-178	2090620	MS	07-Sep-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Reported:



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

08-Sep-22 15:23

Fax To:

FS - 162 0.25-0.5" H224052-72 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	2090721	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	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	JН	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 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			75.3 %	45.3	-161	2090620	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			85.5 %	46.3	-178	2090620	MS	07-Sep-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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 - 163 0.25-0.5" H224052-73 (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)			100 %	69.9	-140	2090708	JH	08-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			77.8 %	45.3	-161	2090620	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			86.5 %	46.3	-178	2090620	MS	07-Sep-22	8015B	

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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 - 164 0.25-0.5" H224052-74 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090721	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090708	JН	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 GO	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			84.6 %	45.3	-161	2090620	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			94.0 %	46.3	-178	2090620	MS	07-Sep-22	8015B	

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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	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090721	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			100 %	69.9	-140	2090708	JH	08-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2090714 - 1:4 DI Water										
Blank (2090714-BLK1)				Prepared &	z Analyzed:	07-Sep-22				
Chloride	ND	16.0	mg/kg							
LCS (2090714-BS1)				Prepared &	Analyzed:	07-Sep-22				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (2090714-BSD1)				Prepared &	Analyzed:	07-Sep-22				
Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20	
Batch 2090718 - 1:4 DI Water										
Blank (2090718-BLK1)				Prepared &	Analyzed:	07-Sep-22				
Chloride	ND	16.0	mg/kg							
LCS (2090718-BS1)				Prepared &	Analyzed:	07-Sep-22				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (2090718-BSD1)				Prepared &	Analyzed:	07-Sep-22				
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	
Batch 2090719 - 1:4 DI Water										
Blank (2090719-BLK1)				Prepared &	z Analyzed:	07-Sep-22				
Chloride	ND	16.0	mg/kg							
LCS (2090719-BS1)				Prepared &	z Analyzed:	07-Sep-22				
Chloride	432	16.0	mg/kg	400		108	80-120			

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Analytical Results For:

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

Reported: 08-Sep-22 15:23

Fax To:

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2090719 - 1:4 DI Water										
LCS Dup (2090719-BSD1)				Prepared &	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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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	nalyzed: 0	17-Sen-22			
Benzene	ND	0.050	mg/kg	riepaieu.	70-3ep-22 A	maryzeu. 0	77-3ep-22			
Toluene	ND ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.050	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND	0.500	mg/kg	0.0500		99.5	69.9-140			
LCS (2090628-BS1)				Prepared: ()6-Sep-22 A	nalvzed: ()	7-Sen-22			
Benzene	1.84	0.050	mg/kg	2.00	Sep 221	92.0	83.4-122			
Toluene	1.91	0.050	mg/kg	2.00		95.3	84.2-126			
Ethylbenzene	1.91	0.050	mg/kg	2.00		95.6	84.2-121			
m,p-Xylene	4.03	0.100	mg/kg	4.00		101	89.9-126			
o-Xylene	1.94	0.050	mg/kg	2.00		97.0	84.3-123			
Total Xylenes	5.97	0.150	mg/kg	6.00		99.5	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0490		mg/kg	0.0500		98.1	69.9-140			
LCS Dup (2090628-BSD1)				Prepared: ()6-Sep-22 A	analyzed: 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	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							

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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

		Reporting		Spike	Source		70KEC		KPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2090629 - Volatiles										
Blank (2090629-BLK1)				Prepared: (06-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: (06-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: (06-Sep-22 A	nalyzed: 0	7-Sep-22			
Benzene	1.73	0.050	mg/kg	2.00		86.7	83.4-122	3.86	12.6	
Toluene	1.86	0.050	mg/kg	2.00		92.8	84.2-126	2.58	13.3	
Ethylbenzene	1.86	0.050	mg/kg	2.00		92.8	84.2-121	3.37	13.9	
m,p-Xylene	3.87	0.100	mg/kg	4.00		96.6	89.9-126	4.38	13.6	
o-Xylene	1.93	0.050	mg/kg	2.00		96.3	84.3-123	4.59	14.1	
Total Xylenes	5.79	0.150	mg/kg	6.00		96.5	89.1-124	4.45	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0571		mg/kg	0.0500		114	69.9-140			
Batch 2090630 - Volatiles										
Blank (2090630-BLK1)				Prepared: (06-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							

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Surrogate: 4-Bromofluorobenzene (PID)

Total Xylenes

Total BTEX

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mg/kg

mg/kg

mg/kg

0.0500

110

69.9-140

ND

ND

0.0551

0.150

0.300

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:

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

Spike

Source

		1 8		1						
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2090630 - Volatiles										
LCS (2090630-BS1)				Prepared: 0	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: 0)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			

Batch 2090707 - Volatiles

Blank (2090707-BLK1)				Prepared & Analyz	zed: 07-Sep-22	2	
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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%REC

84.2-121

89.9-126

84.3-123

9.94

10.7

14.1

13.4

BS-3

96.7

101

86.5

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:

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Spike

2.00

4.00

2.00

Source

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2090707 - Volatiles										
LCS (2090707-BS1)				Prepared &	k Analyzed:	07-Sep-22				
Benzene	1.98	0.050	mg/kg	2.00		98.8	83.4-122			
Toluene	1.95	0.050	mg/kg	2.00		97.5	84.2-126			

mg/kg

mg/kg

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

1.93

4.02

1.73

Reporting

0.050

0.100

0.050

LCS Dup (2090707-BSD1)				Prepared & Ana	alyzed: 07-Sep-22				
Benzene	1.74	0.050	mg/kg	2.00	87.1	83.4-122	12.6	12.6	
Toluene	1.73	0.050	mg/kg	2.00	86.3	84.2-126	12.2	13.3	
Ethylbenzene	1.71	0.050	mg/kg	2.00	85.7	84.2-121	12.1	13.9	
m,p-Xylene	3.60	0.100	mg/kg	4.00	90.1	89.9-126	11.0	13.6	

mg/kg

 Total Xylenes
 5.33
 0.150 mg/kg
 6.00
 88.9
 89.1-124

 Surrogate: 4-Bromofluorobenzene (PID)
 0.0493
 mg/kg
 0.0500
 98.6
 69.9-140

Batch 2090708 - Volatiles

Ethylbenzene

m,p-Xylene

o-Xylene

Blank (2090708-BLK1)				Prepared: 07-Sep	-22 Analyzed: 0	8-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



Analytical Results For:

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

Reported: 08-Sep-22 15:23

Fax To:

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2090708 - Volatiles										
LCS (2090708-BS1)				Prepared: (7-Sep-22 A	Analyzed: 0	8-Sep-22			
Benzene	1.94	0.050	mg/kg	2.00		96.9	83.4-122			
Toluene	1.93	0.050	mg/kg	2.00		96.4	84.2-126			
Ethylbenzene	1.92	0.050	mg/kg	2.00		95.8	84.2-121			
m,p-Xylene	4.01	0.100	mg/kg	4.00		100	89.9-126			
o-Xylene	1.91	0.050	mg/kg	2.00		95.6	84.3-123			
Total Xylenes	5.92	0.150	mg/kg	6.00		98.7	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0489		mg/kg	0.0500		97.8	69.9-140			
LCS Dup (2090708-BSD1)				Prepared: 0	7-Sep-22 A	analyzed: 0	8-Sep-22			
Benzene	1.97	0.050	mg/kg	2.00		98.4	83.4-122	1.47	12.6	
Toluene	1.94	0.050	mg/kg	2.00		97.1	84.2-126	0.694	13.3	
Ethylbenzene	1.91	0.050	mg/kg	2.00		95.7	84.2-121	0.0946	13.9	
m,p-Xylene	3.98	0.100	mg/kg	4.00		99.6	89.9-126	0.692	13.6	
o-Xylene	1.89	0.050	mg/kg	2.00		94.6	84.3-123	0.978	14.1	
Total Xylenes	5.88	0.150	mg/kg	6.00		97.9	89.1-124	0.784	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0489		mg/kg	0.0500		97.7	69.9-140			

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Celeg D. Keene



Analytical Results For:

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

Reported: 08-Sep-22 15:23

Fax To:

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2090606 - General Prep - Organics										
Blank (2090606-BLK1)				Prepared: ()6-Sep-22 A	nalyzed: 0	7-Sep-22			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	38.6	<u> </u>	mg/kg	50.0		77.1	45.3-161	<u> </u>		
Surrogate: 1-Chlorooctadecane	42.3		mg/kg	50.0		84.6	46.3-178			
LCS (2090606-BS1)				Prepared: ()6-Sep-22 A	nalyzed: 0	7-Sep-22			
GRO C6-C10	197	10.0	mg/kg	200		98.3	76.8-124			
DRO >C10-C28	207	10.0	mg/kg	200		103	74.9-127			
Total TPH C6-C28	403	10.0	mg/kg	400		101	77.5-124			
Surrogate: 1-Chlorooctane	44.3		mg/kg	50.0		88.7	45.3-161			
Surrogate: 1-Chlorooctadecane	52.8		mg/kg	50.0		106	46.3-178			
LCS Dup (2090606-BSD1)				Prepared: ()6-Sep-22 A	nalyzed: 0	7-Sep-22			
GRO C6-C10	196	10.0	mg/kg	200		98.1	76.8-124	0.208	17.2	
DRO >C10-C28	208	10.0	mg/kg	200		104	74.9-127	0.438	18.6	
Total TPH C6-C28	404	10.0	mg/kg	400		101	77.5-124	0.124	17.6	
Surrogate: 1-Chlorooctane	44.1		mg/kg	50.0		88.3	45.3-161			
Surrogate: 1-Chlorooctadecane	52.1		mg/kg	50.0		104	46.3-178			
Batch 2090607 - General Prep - Organics										
Blank (2090607-BLK1)				Prepared: ()6-Sep-22 A	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	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. 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 2090607 - General Prep - Organics										
LCS (2090607-BS1)				Prepared: (06-Sep-22 A	nalyzed: (7-Sep-22			
GRO C6-C10	185	10.0	mg/kg	200		92.6	76.8-124			
DRO >C10-C28	159	10.0	mg/kg	200		79.4	74.9-127			
Total TPH C6-C28	344	10.0	mg/kg	400		86.0	77.5-124			
Surrogate: 1-Chlorooctane	41.0		mg/kg	50.0		82.1	45.3-161			
Surrogate: 1-Chlorooctadecane	45.1		mg/kg	50.0		90.1	46.3-178			
LCS Dup (2090607-BSD1)				Prepared: (06-Sep-22 A	nalyzed: (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 - Organics										
Blank (2090618-BLK1)				Prepared: (06-Sep-22 A	nalyzed: (7-Sep-22			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	38.2		mg/kg	50.0		76.5	45.3-161			
Surrogate: 1-Chlorooctadecane	38.5		mg/kg	50.0		77.0	46.3-178			
LCS (2090618-BS1)				Prepared: (06-Sep-22 A	analyzed: (7-Sep-22			
GRO C6-C10	184	10.0	mg/kg	200		92.0	76.8-124			
DRO >C10-C28	178	10.0	mg/kg	200		88.8	74.9-127			
Total TPH C6-C28	362	10.0	mg/kg	400		90.4	77.5-124			
Surrogate: 1-Chlorooctane	43.3		mg/kg	50.0		86.5	45.3-161			
Surrogate: 1-Chlorooctadecane	43.8		mg/kg	50.0		87.7	46.3-178			

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Celey D. Keene, 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. 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: (06-Sep-22 A	Analyzed: 0	7-Sep-22			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	39.8		mg/kg	50.0		79.6	45.3-161			
Surrogate: 1-Chlorooctadecane	44.0		mg/kg	50.0		88.0	46.3-178			
LCS (2090620-BS1)				Prepared: (06-Sep-22 A	Analyzed: 0	7-Sep-22			
GRO C6-C10	195	10.0	mg/kg	200		97.6	76.8-124			
DRO >C10-C28	167	10.0	mg/kg	200		83.7	74.9-127			
Total TPH C6-C28	363	10.0	mg/kg	400		90.7	77.5-124			
Surrogate: 1-Chlorooctane	46.4		mg/kg	50.0		92.7	45.3-161			
Surrogate: 1-Chlorooctadecane	50.3		mg/kg	50.0		101	46.3-178			
LCS Dup (2090620-BSD1)				Prepared: (06-Sep-22 A	Analyzed: 0	7-Sep-22			
GRO C6-C10	191	10.0	mg/kg	200		95.5	76.8-124	2.17	17.2	
DRO >C10-C28	179	10.0	mg/kg	200		89.4	74.9-127	6.53	18.6	
Total TPH C6-C28	370	10.0	mg/kg	400		92.4	77.5-124	1.94	17.6	
Surrogate: 1-Chlorooctane	42.7		mg/kg	50.0		85.4	45.3-161			
Surrogate: 1-Chlorooctadecane	49.9		mg/kg	50.0		99.8	46.3-178			

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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. Keene



	(575) 393-2326 F	FAX (575) 393-2476	0	ı		l	l	1	ı	ı	J	1		١	١	١	1	١	١	.	٤	Ė	è	2	꿰	21	ANALYSIS REQUEST	F							
Company Name:	Ensolum LLC							_		1	-	1	7 10	ı	-	1	1	1	1	1.	1	-li	13	19	_lí	18	4	1	+		٦		٦	_	
Project Manager:								_	P.O.	*		1				_			_			_					_		_		_			_	
Address: 601 N	601 N. Marienfeld St. STE 400	400						_	Company:	npa	ny:		Oxy USA, Inc.	Č,								_					_		_				_		
City: Midland		State: TX	Zip:	79	79701			_	Attn:		Wa	de	Wade Dittrich			_			_			_							_						
Phone #: 432	230 334	Y Fax #:							Address:	res	ćņ.					_			_			_							_						
	1417054	Project Owner:	0	0	X				City:							_		0	_			_							_		_		_		
Project Name:	Bawel								State:	8			Zip:			_		00	_										_		_		_		
Project ocation	112								Phone	one	*	O.	575-390-2828	88		_	6	45	70			_							_		_		_		
Project Location.	10001		1						Eax #							5	1		-			_		_					_		_		_		
Sampler Name:	SHANE 2	SICCER]	1	1	:		L	10	9	DBESERV	2	SAMPLING	ğ	1	13	20		-			_		_					_		_		_		
FOR LAB USE ONLY					-		NA INI				6					80	80	, des	1000																
Lab-I.D.	Sample I.D.	Sample Depth	G)RAB OR (C)OI	CONTAINERS	ROUNDWATER	NASTEWATER	OIL.	SLUDGE	OTHER:	ACID/BASE:	CE / COOL	OTHER:	DATE	_	TIME	TPH	BTEX		Ch10-1																
10000	F5- G2	.25.5	_	1	-		6.				×		9.2-22	1	1100	K	K	\top	X		\top			+		+		1			-		+		
0-	FS-93	.25.5		7			Α				×		22.2.6	1	201	×	X		X					+		+					-		+		
N	H6-57	, 255		1		-	K				×		22-2-6	*	104	7	X		1		+			+		+					-		-		
F	15-98	.25.5		^		-	~				K	T	22-2-6	11	06	X	X	X	4.		+		T	+		+					-		+		
N-	16-59	25-5		0		-	X				K	1	2	1	80	×	X	1.	X	1	+			+		+		1			-		+		
6	FS-97	. 25 5		0		-	K			\top	0	1	9-2-22	-	110	X	, 8	+	1		+			+		+							-	1	
7	FS 98	.255		~		-	X	+	\perp	\top	×	+	22-2-6	1/2	12	7	×	1	5 7	1	+			+		+					1		-		
20	FS- 99	.25.5		0			×	+	1		1×	10	9-2-22	2	1114	X	X		(+		Т	_		+				1			_		
2	F5- 100	125-5		0		-	×	+	1	\top	× ×	1	12.	1 22	21.10	X	K		X		+			_	1	+		+					_		
	15-101	.255		0	5	76/08	X sed in contract or fort, sha	offre -	8	2	8	1	D-2-2	C G /	by the client for the	1		1			1	- 1	ı	1	- 1	ŀ	1	t	- 1	t	- [- 1		- 1	
dairna event	body and certages, cercare a security of the cause whether each whitecover actuality those for negligence and any other cause whitecover shall Cardinal be liable for incidental or corresponded demages when a consequent of any state of the partformance of services here.	shall b include	e deeme ng withou Cardinal	d water	ed unle efon, br	sa mad minesa f wheth	de in writing as a interruptiona ther such clair	ling ar plions	loss o	elved of use sed u	by Ca	ardinal within lose of profits any of the ab	d received by Cardinal within 30 days after completten of the loss of use, or loss of profits incurred by client, its subsidiaries is based upon any of the above stated reasons or otherwise.	dient,	completten of the apprication ent, its subsidiaries, sons or otherwise.	posed	1			5		Add Dhone #	P	9		1		1						1	
Relinquished By	ed By:	Time: 7.14		Received By	O ved	3 By:	5	2	9	5	0		3.	≥ ≤	All Results are emailed. Please provide Email address: BJennings@ensolum.com	are e	maile	lled. Ple	lease	ase pro	vide	En	<u>a</u>	ddr	80							1,5		1	
Relinquished By:	γ:	Date:	R	Received By:	ved	By:			_		((0	70	REMARKS																				
		Time:												-				3				•	D	2	10	200	2	30	0	bno	tion		1		
Delivered By: (C		Tamp.	38	20	-	Sample Condition	ole C	Condition	tion	-	Λ Ω	声声	(Initials)	9 9	Turnaround Time: Thermometer ID #1	Tim	#113	20	Standard	ard			ILS B	ol I	Cool Intact	Yes		bsd	eve eve	d T	Cool Intact Observed Temp. °C	ຳ ຕໍ			
Sampler - UPS - Bus - Other:	Bus - Other:	Corrected Temp. C	2	0		E	Yes Yes		89			X	<	0 :	arraction F	ъ.		1		100	L.			No		No	6	OIT	ecte	E Pa	emp	Corrected Temp. °C	1	1	4

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Page 92 of 99

101 East Marland, Hobbs, NM 88240

	(575) 393-2326 F	FAX (575) 393-2476	ľ			100		1	1		ANALYSIS		REQUEST	
Company Name:	Ensolum, LLC					ALT 10	-	+	4	1			+	
Project Manager:					P.O. #:			_	_	_			_	
Address: 601 N	601 N. Marienfeld St. STE 400	400			Company:	Oxy USA, Inc.	,,,	_	_				_	
City: Midland		State: TX 2	Zip:	79701	Attn: Wa	Wade Dittnon		_	_	_	_		_	_
Phone #: 432	230 334	Y Fax #:			Address:					_			_	_
	1417054	Project Owner:	0	XXX	City:			_	_	0			_	
Project Name:	Bawalt				State:	Zip:			_	00			_	
Project I ocation:	113				Phone #:	575-390-2828	w	_	6	45			_	
Campler Name	SHANE	851216			Fax #:			5	21	1				
FOR LAB USE ONLY	0.000		·	MATRIX	PRESERV	RV. SAMPLING		301	80	les				
Lab I.D.	Sample I.D.	Sample Depth	G)RAB OR (C)OMP	CONTAINERS BROUNDWATER WASTEWATER GOIL DIL	SLUDGE OTHER: ACID/BASE: CE / COOL	DATE	TIME	TPH 8	BTEX	Chloria				
ACOL ACI	25-102	.25-5	_	K		9.2.22	1120	K	K	K			-	
25.5	501.57	.255		^	×	22.2-6	2211	×	X	×	İ			
12	F5-104	, 255		X	×	9-2-22	11/2	7	X	1	1			
Ŧ)	18-165	25.5		7	×	22-2-6	-	X	X	X		1	-	
兀	F5- 106	25-5			X	3	211	×	X	5 3				
6	FS- 107	25.5		S K	2	22-2-6	1	X	1	1				
5	F5-108	.255		C ×	×	22-2-6	1131	7	×	X	1	,		
\$	FS-109	.25.5			× ×	22.2.6	1136	4 7	5 >	×				
2	18-110	125-15		2 2	×	22.3.6	110	K	X	X				
PLEASE NOTE: Lability and	Dama	25 - 3 of client's exclusive remedy for a	any claim	arising whether based in o	d in contract or fort, shall be lin	mited to the amount pass about within 30 days after	paid by the client for the after completion of the a	applicabl	1		1			
analyses. All claims include service. In no event shall C	alyses. All claims including those for negligence and any ovice. In no event shall Cardinal be liable for incidental or o	for negligence and any other cause whateboyer shall no elemino were unexpensively considered by clear, its subsidiaries, the highle for incidental or consequental damages, including willout limitation, business interruption, loss of use, or loss of profits including the clear its subsidiaries.	without	gale, whiteleophyst strain De determined wastered universe interruptions, loss of use, entail damnages, including without limitation, business interruptions, loss of use,	pillons, loss of use, or loss a claim is based upon an	or loss of profits incurred by client, its subsidiaries on any of the above stated reasons or otherwise.	Sent, its subsidiaries asons or otherwise.			1	1			
Relinquished By:	y:	Date: Date:	R	Received By:			Verbal Result: All Results are email	are en	☐ Yes nailed. F	Please pro	rovide Em	Yes ☐ No Add'i Phone #: ed. Please provide Email address:		
Short.	Mille	Time 514	R	Solod &	lodeign	5	BJennings@ensolu REMARKS:	s@en		m.com				
		Time:										Dactoria (on	ly) Sample	Condition
Delivered By: (Circle One)	Circle One)		270	Sample Cool		(Initials)	Turnaround Time: Thermometer ID #1	d Time	#113	Standard Rush		Cool Intact Observed Temp. Yes Yes Corrected Temp.		Observed Temp. °C
Sampler - UPS -	- Bus - Other:	Corrected lamp. C	9		10	2	Carrenton F	-	0536	-():		NO		Cted lettip. C

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	(575) 393-2326 F/	FAX (5/5) 393-24/6	o			١				1	١		ANA	50	ANALYSIS REQUEST	TSE	
Company Name:	Ensolum, LLC				_	1	8	LL 70		1	1	+	AIN	15	70 77	-	
Project Manager:					٦	P.O. #:					_						
Address: 601 N	601 N. Marienfeld St. STE 400	400			C	Company:		Oxy USA, Inc.	b			_	_				
City: Midland		State: TX 2	Zip:	79701	A	Attn:	Wade	Wade Dittrich		_						_	
Phone #: 432	230 334	9 Fax #:			Þ	Address:	S					_			_		
	1417054	Project Owner:	0	XXX	0	City:						0					
Project Name:	Big Walt				S	State:		Zip:				00	_			_	
Project Location:	Eddy				70	Phone #:		575-390-2828	00		6	45	_			_	
Sampler Name:	SHANE Z	11668			70	Fax #:				5	_		_				
FOR LAB USE ONLY			P.	_	MATRIX	PR	PRESERV	SAMPLING	LING	901	80	les				_	
Lab I.D.	Sample I.D.	Sample Depth	G)RAB OR (C)OM	GROUNDWATER WASTEWATER	SOIL DIL SLUDGE	OTHER :	OTHER:	DATE	TIME	TPH &	BTEX	Chlorio	-				
100	12- 12	. 25-5	_		8		×	9.2-22	1135	K	K	×	+	+		-	
الا		.255		^	A	-	×	9-2-22		×	X	×	+	+		1	
E.	25-15	, 255	_	^	x	-	×	22-2-6		×	X	1	+	+		+	
24	FS- 115	.25.5		^	×	H	K	22-2-62		X	X	X	+	+	1	+	
R	2-11	25-5		0	×	+	K	i		×	×	,	+	+		+	
26		257.5		0	K	+	5	22-2-6	1140	X	, 8	1	+	+	1		
3		.255		0	×	+	×	22-2-6	1141	1 7	××	X	+	+			
3&	D- 170	5 - 36		0	X	+	*	2-2	- 1	×	K	×	-	-		+	
B	121-53	.255		0	X	\vdash	×	3	4013	×	X	×	-	+	-	1	
PLEASE NOTE: Liability and Dama analyses. All claims including those service. In no event shall Cardinal b	AGE NOTE: Labilly and Damages. Cardinal's liabilly and oil lyses. All claims including those for negligence and any other size. In no event shall Cerdinal be liable for incidental or conse	client's exclusive remedy for any claim arising whether based in contract or for, take her cause whatkoever shall be deemed watered unless made in writing and received b resequental damages, including without limitation, business interruptions, loss of use,	ny claim i deemad v without I	arising whether I waired unless m limitation, busine	seed in contract or fort, shall be limited in writing and received by Card es interruptions, loss of use, or loss	received i	by Cardin or loss	2 2 3	after completion of the a by client, its subsidiaries, d reasons or otherwise.	e applicat	*						t
Relinquished By:	as making out of or related to the performs and By:	Time: 51 4	Rec	Received By	2	8	>	rione y	Verbal Result:	sult: gs@er	mailed isolum	Yes I No led. Please pr um.com	provide	Add"! Phone #: ide Email addre	address:		·
Relinquished By:	y:	Date:	Rec	Received By:		-			KEMAKNO	9							
		ne:				3	22	CKED BY.	Turnaround Time:	nd Tim	œ.	Stand			Bacteria (only) Sample Condition) Sample	Condition
Delivered By: (Circle One)	her	Carracted Tamp. 'C20	20.7%		Sample Condition Cool Intact Ves A Yes	* 1 o	XL S	(Initials)	Thermometer ID	er ID	#113 #113	1	0,	-	Cool Intact	Obser	Observed Temp. °C Corrected Temp. °C

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Page 94 of 99



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

Company Name: Ensolum, LLC Project Manager: Address: 601 N. Manienfeld St. STE 400	00	0 7	P.O. #: Company: Oxy USA, Inc				
2	00	9 0	iny: Oxy USA,	,,			
Address: 601 N. Marienfeld St. STE 40	00	C	Oxy USA,	5,	-		_
					_		
City: Midland	State: TX Zip:	79701	Attn: Wade Dittnch				
H 432 230 3344	Fax #:	A	Address:		_		
	Project Owner:	OXX	City:		0		
me: B.		8	State: Zip:		0		
on: Edd		q	Phone #: 575-390-2828	00			
SHANE	16658	Ti	Fax#:			_	
30000		MATRIX	PRESERV. SAMPLING	80/	go. Les		
Lab I.D. Sample I.D.	Sample Depth (C)OA	CONTAINERS ROUNDWATER ASTEWATER DIL L LUDGE	THER : CID/BASE: EE / COOL THER :	TPH.	BTEX Chlori		
2 65- 177	.25-5	3	X 9.2-22	× 5411	×		
	.255	2 2	22.2.2 ×	1146 X	X		
ż	, 25-,5	2	22-2-6 X	147	X		
77.	25.5	0 4	9.2-	1198	X		
35 65-126	25-5	C	2.6	1147	+		
F5-	25.5		33-3-6 3	1130	+		
	. 255		X 7-2-22	-	× ×		
-	.25.5	XX	72.7.5 ×	1153	X		
	165.15		6.1.		×		_
PLEASE NOTE: Labelty and Damages. Cardinal's liability and dispaness. All claims including those for negligence and eny other	lent's exclusive remedy for any cit is cause whatsoever shall be deen	oontr	shall be limited to the amount red by Cardinal within 30 days	unt paid by the client for the ups after completion of the applicable ed by client, its subsidiaries.			
service. In no event shall Cargeria or incoming or incoming or any affiliates or successors signing out of or related to the performance.	ce of services hersunder by Cardi	nder by Cardinal, regardless of whether such daim is Received By:	ch claim is based upon any of the above stated rea	Verbal Result:	□ Yes □ No A	Add'i Phone #:	
J. C. Illian	100	00000	3	BJennings@ensolum.com	All results are entance.		
Relinquished By:	7	Received By:		REMARKS:			
	Time:		1	Turnaround Time:	Standard	Bacteria (only) Sample Condition	ple Condition
Delivered By: (Circle One) Sampler - UPS - Bus - Other: C	Corrected Tamp. "Sy	70 Sample Conductor	(Initials)	Thermometer ID #	Rush	Cool Intact	Corrected Temp. °C

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Sampler - UPS - Bus - Other:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

Company Name: Ensolum, LLC Project Manager: Address: 601 N. Marienfeld St. STE 400	STE 400	P.O. #:	I.#: Oxy USA, Inc.			ANAL	
an	STE 400	P.O	Oxy USA.			_	
Address: 601 N. Marienfeld St. S.	STE 400	Cor	OXV USA	_	_	-	
			12		_		
City: Midland	State: TX Zip:	79701 Attn:	n: Wade Dittrich				
o#: 432 230 3	344 Fax #:	Ado	Address:		_	_	
Project #: 0381417054	Project Owner:	City:	7.	_	0		
ime: B.9	1	State			00		
on: Eddy C	8)	Ph	Phone #: 575-390-2828				
Sampler Name: SHANE	DICCISA	Fax #:		L			
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	801	des		
Lab I.D. Sample I.D.	Sample Depth Signab OR (C)OI CONTAINERS	ROUNDWATER VASTEWATER SOIL SILUDGE	CE/COOL OTHER:	TPH	Chlo-1		
187 -5-132	_	8	x 9.2-22	1155 ×	X		
1	.25-	^	122.2.b ×	1156 X	×		
U2 65-134	, 25-,5	8	122-2-B X	1157 ×	X		
	25.5	~	122-2-6	×	7		
45 8-156	25-5		(52.2. 6 X	137 X	+	-	
F5-	25.5 6	K	122-2-6 3	159 X	+		
42 -53 Lh	.255	C ×	X 75-2-22	X	× ×		
48 F5- 139	.25.5	x 2	X 75-2-6	×	+		
LA FS- 140	25-55	×	12.2.5 X	< x	+	+	
141-53 009	,25	(x	of all of the amount paid of	ort paid by the offert for the	*		
PLEASE NOTE: Lability and Damages. Çardinal's liability and of analyses. All claims including those for negligence and any other service. In no event shall Cardinal be liable for incidental or cons-	equental dami	remedy for any claim arteing whother based in common or we ever shall be deemed wahed unless made in writing and rec gas, including without limitation, business interruptions, loss	nal within 30 day of profits incurre	empletion of the applicable d, its subsidiaries.			
afflues or successors arising out of a related to the per Rellinquished By:	Time:	Received By:		Verbal Result:	. Please provi	Add'l Phone #: de Email address:	0
Relinquished By:	Date: Rec	Received By:	9	REMARKS:			
	Time:				1		Second Condition
Delivered By: (Circle One)	Observed Temp. 3070	Sample Condition Cool Intact	CHECKED BY: Unitials)	Turnaround Time:	Standard	Cool Intact	Bacteria (omy) Sample Condition Cool Intact Observed Temp. °C Yes Yes

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No No Corrected temp. 'C

408

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

			7			ANALISIS DESCES
Company Name: Ensolum, LLC			DILL IV		-	
Project Manager:			P.O. #:		_	
Address: 601 N. Marienfeld St. STE 400	400		Company: Oxy USA, Inc.	0	_	
City: Midland	State: TX Z	Zip: 79701	Attn: Wade Dittrich		_	
Phone #: 432 230 3344	4 Fax #:		Address:			
	Project Owner:	OXX	City:		0	
me: B			State: Zip:		00	
DE FALL			Phone #: 575-390-2828	28	45	
SHANE	832216		Fax #:	5	_	
		MATRIX	PRESERV. SAMPLING	801	80. des	
Lab I.D. Sample I.D.	Sample Depth	G)RAB OR (C)ON CONTAINERS ROUNDWATER VASTEWATER OIL OIL	OTHER: CID/BASE: CE / COOL OTHER:	TPH .	BTEX Chlori	
in School	.25.5	2	×	1203 ×	K	
F3-143	.255	^ ×	22.2.6 ×	1204	X	
	, 25-,5	C K	22-2-5 X	1205 ×	*	
	,25-5	V V	0	1205	v	
5-146	25-5	×	2	x 9021	+	
EHI-54	25.5	2 ×	6 9-2-22	1001		
	.255		7-7	8071	x x	
641-59	.25.5	x x	72-7-5 1	x 50217	× ×	
77	.25 -5	C x	x 5-2-28	8/210 X	×	
PLEASE NOTE: Labifly and Damages. Cardinate liability an analyses. All claims including those for negligence and any or	nd client's exclusive remedy for any claim other cause whatsoever shall be defined conservational including without	ly claim arising whether based in contra kelmed wahed unless made in writing a without firmitation, business internuptions	active politique remedy for any claim arraing whether based in contract or lost, shall be limited to the amount paid by the claimst for the cause whatever remedy for any claim a whether based unless made in writing and received by Cardinal within 30 days after completted of the applicable cause whatever what the defined weaked unless made in writing and received by Cardinal within 30 days after completed of the applicable cause whatever what the definition of the complete of the applicable cause whether which the complete of the applicable cause whether whether the complete of the applicable cause whether whether the complete of the complete of the applicable cause whether whether the complete of the complete	ant paid by the client for the ys after completion of the applicat ad by client, its subsidiaries,	ble	
Relinquished By:	nance of services hereunder by Car	Received By:	m is based upon any of the above stated o	Verbal Result: All Results are e	□ Yes □ No mailed. Please pro	Verbal Result:
Relinquished By:		Received By:	quer	BJennings@ensolum.com REMARKS:	nsolum.com	
	Time: *					S
Delivered By: (Circle One)	O	Sample Condition Cool Intact Tyes Tyes	offices CHECKED BY:	Turnaround Time: Thermometer ID #1	*113 Standard	M Bacteria (only) Sample Continuori Cool Intact Observed Temp. °C Yest ☐ Yes One Corrected Temp. °C

Page 97 of 99

Relinquished By:

Time:

Sample Condition

CHECKED BY: (laitials)

Turnaround Time: eter ID

Standard

Bacteria (only) Sample Condition
Cool Intact Observed Temp.

Yes Yes
No Corrected Temp.

Corrected Temp. °C Observed Temp. °C

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(6	(575) 393-2326 FAX	FAX (575) 393-2476					١	١		Olov itti		4
Company Name:	Ensolum, LLC				BILL	70	1	1	1	ANALTSIS	KEWOEG	
Project Manager:					P.O. #:		_					
Address: 601 N. N	601 N. Marienfeld St. STE 400	00			Company: Oxy	Oxy USA, Inc.	-		_			
City: Midland		State: TX Z	Zip:	79701	Attn: Wade Dittrich	trich			_	_		_
Phone #: 432	230 3344	Fax #:			Address:		_					
038	1417054	Project Owner:	0	OXY	City:		_		0			
Project Name: 3	a Wel.				State: Zip:	Ď.			00			
	112				Phone #: 575	575-390-2828	_	_	_		_	_
Project Location:	Eddy Co						_			_	_	_
Sampler Name:	G SMAME D.	CUER			Fax #:			2	_			_
FOR LAB USE ONLY			4	MATRIX	PRESERV.	SAMPLING	1		_	_		
	Sample I.D.	Sample Depth	OR (C)OMP.	NDWATER EWATER	ASE:		OH 8		hlo-id			
850hts			-	GRO WAS SOIL	OT	-	1	+	- 2	+	1	
Ø.	ES- 122	,25.5	-	3		16	13	+	1			
B	55-153	.25-,5	_	^	×	132.2-	-	X	+			
102	1751-5	. 255		3	×	412122-2-6	-	X	*	+		
150	65-155	25.5		X)	× 9	3-2-22 1215	-	X	×	+		
F.	151-54	35-5		×	×	122-2	+	×	+	1		
Ido	ts-157	25.5		K		9-2-201216	-	+	+	+	-	
S	851-53	25-5		CX	× Z	-7-22/2	_	X	+	+		
(S)	FS-189	552'		×)	×	4.2.22/21	18 ×	+	+		-	
69	85-160	125-5		× 2	Х	1		-	+	+	1	
3	F5-161	.255		CX	×	à		X	×	F	F	
PLEASE NOTE: Liability and Damages. Cardinal's liability analyses. All claims including those for regisjence and an	YEASE NOTE: Liability and Claminges Cardinal installity and client's exclusive remedy for any claim arising whether based in continuor or tort, shall be limited to the amount paid by the client for the published or the supplicable transport. All claims including those for negligence and any other cause whetherener whetherener whetherener whetherener including those for negligence and any other cause whetherener whetherener whetherener including those in video of prefer including those for negligence and any other cause whetherener whetherener whethereners including those in video of prefer including those for negligence and any other cause whethereners whethereners whethereners included in writing and necessive by controlled the cause whethereners whether including the property of the client to the property of the client of the cause whethereners whether in writing and necessive by client the including the client to the cause whethereners whethereners whether it was not to be considered to the client to the c	ent's exclusive remedy for any dakn cause whatsoever shall be deemed	y daim	arising whether based in oon waived unless made in writin to begin business interrupts	s exclusive remedy for any chain utering wheather based in contract or text, shall be limited to the smooth paid by the client for the security and the state of the completion of the security and received by Cardylai width 30 days after completion of the sequence of the security of the completion of the sequence of the security of t	he amount paid by the client for the in 30 days after completion of the a ts incurred by client, its subsidiaries.	ent for the on of the app builderies.	death				·
affliates or successors arising o	enrice. In no event shall Cardinal be liable for incidental or constitution or successors arising out of or related to the performance. Relinquisched By:	of services hereunder by Car Date:	Rec	Enal, regardess of whether such o	tain is based upon any of the above	bove stated reasons or o	Verbal Result:	1:	Yes No	one or the make the control of the	e 非:	
1/2	10	Time:	0	3)	0	Bue	BJennings@ensolum.com	gensolu	m.com			
Relinquished By:	1	Date:	Re	Received By:	1000	REM	REMARKS:					

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

60

Page 98 of 99

† 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

(c)	(2/2) 383-2320 FAX (2/2) 383-24/0	(2/2) 353-24	4/0							
Company Name:	Ensolum, LLC	C		BILL TO	0			ANALYSIS REC	REQUEST	
Project Manager: [Beauly Servings	3		P.O. #:						
Address: [0]	0	1 st. Suite	6 400	Company: Oky	USA, inc	_				
^		- 14	Zip: 79701	Attn: Wade D	D:Hrich					_
Phone #: 432-230-8344		Fax #:		Address:						
Project #: 0381417054		Project Owner:	п	City:						_
Project Name: Bi	g walt			State: Zip:						_
	on: Eddy County			Phone #: 575-	575-390-2828		0			
Sampler Name:	Shame Diller)		Fax #:			50			
FOR LAB USE ONLY			MATRIX	PRESERV.	SAMPLING	015	4			
Lab I.D.	Sample I.D.	(in)	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	TIME		Chlorides			
7	17-53	0-0.25	7	×	20	X	×			
73	19/42	0.25-5	2	X 9/411	11 1221 11	×	×			
7	FS- 163	1.25.5	C - X	_	4/2/22/222 X	×	7			
45	ES-164	1.25-5	_	1/6 X	1223	×	X			
15	591.53	1.26 5	8	X 9/2/22	1221	X	×			
	946	9/2/22	\$67					,		
						+	1			
LEASE NOTE: Liability and Dama nalyses. All claims including those ervice. In no event shall Cardinal be filiates or successors arising out of	and Damages. Cardinal's liability and client's uting those for negligence and any other cause Cardinal be liable for incidental or consequence of s	eficiusive remedy for a se whatsoever shall be ntal damages, including services hereunder by C	any claim arising whether based in co deemed walved unless made in writi g without limitation, business interrupt Cardinal, recardless of whether such	**************************************	Int paid by the client for the ys after completion of the ap yd by client, its subsidiaries, ited reasons or otherwise.	plicable				
Relinquished By:		Time:	Received By:	and a	_	t: 🗆 \ e emaile	Yes ☐ No ed. Please prov	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. °C30.7°	Sample Condition Cool Intact Yes Tes	ndition CHECKED BY:	Turnaround Time: Standard Rush Thermometer ID #113 Correction Factor - 0.4 0	ime:	Standard Rush	Bacteria (only) Cool Intact Yes Yes	Bacteria (only) Sample Condition Cool Infact Observed Temp. °C Yes Yes Orrected 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

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 - 4 1' (H224540-01)

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	10/01/2022	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 9	% 46.3-17	8						

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

TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	100	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116 9	% 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 Name: BIG WALT
Project Number: 03B1417054
Project Location: OXY - EDDY, CO.

Sampling Date: 09/29/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 6 1' (H224540-03)

TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	104 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	123 9	% 46.3-17	8						

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

TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	81.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.4	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Received: 09/29/2022
Reported: 10/04/2022
Project Name: BIG WALT

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

Sampling Date: 09/29/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 9 2' (H224540-05)

TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	106	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	122	% 46.3-17	8						

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

TPH 8015M	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Received: 09/29/2022 Reported: 10/04/2022

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

Sampling Date: 09/29/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 33 1' (H224540-07)

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	89.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103 9	% 46.3-17	8						

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

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	105	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	124	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Received: 09/29/2022 Reported: 10/04/2022

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

Sampling Date: 09/29/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 75 3' (H224540-09)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	129 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	152 9	% 46.3-17	8						

Sample ID: FS - 82 3' (H224540-10)

TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	137	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	160	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Received: 09/29/2022
Reported: 10/04/2022
Project Name: BIG WALT

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

Sampling Date: 09/29/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 86 4' (H224540-11)

TPH 8015M	mg/l	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	70.3	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	16.5	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	141 %	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	171 %	6 46.3-17	<i>'</i> 8						

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

TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	141	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	166	% 46.3-17	8						

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 relate 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: 09/29/2022 Reported: 10/04/2022

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

Sampling Date: 09/29/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: FS - 102 6' (H224540-13)

TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	136	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	160	% 46.3-17	8						

Sample ID: FS - 131 7' (H224540-14)

TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	104	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	34.8	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	139 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	182 9	% 46.3-17	8						

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Celey D. Keene



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

	Ensolum LL	2		BILL TO	,	AN	ANALYSIS REQUEST	
Project Manager:	7			20 =				
	-	Christin		F.O. #:				
Address: 601 N	Versite & S	1 Suite 4	400	Company: OKY ()	SA, inc	_		
city: Midleny	4		Zip: PAPO!	Attn: lubide >	Hich	_		
Phone #: 432 &	230 3344	Fax #:		Address:		/		_
Project #: 03/3/4/7054		Project Owner:	CXV	City:		/		
Project Name: 3.6	+		,	State: Zip:	7	/	<u> </u>	
Project Location:	Edy Can	hy		#	575-390-2829	- -	UFF	
26	consta	Hackenzio			_			
FOR LAB USE ONLY			$\overline{}$	ESERV.	SAMPLING		9126177	
Lab I.D. H2245-40	Sample I.D.	Depth	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	TIME			
7-	12.4	11	· >	××	X IIII Z			
3	F5-6	11	C - X	22/12/16 X	X 1170 X			
4	2-3	-	CIX	21/6/10 X	_		_	
	22-10	- 1	x >	X WINGE				
7	FS-33		X	X 9/06/27	7 128 X			
00	PS-34	3	C 1 X	K 9/29/22	_			
9	12-54	CV	C - X	X 9/29/27	X 202 1			/
W Committee of the comm	FS-82	31	C 1 X	× 9/29/22	X 4021 2			1
PLEASE NOTE: Lability and Damages. Cardinal's liability and client's us analyses. All claims including those for negligence and any other cause service. In no event shall Cardina be liable for incidental or consequenta affiliates or successors arising out of or related to the performance of sen	nd Damages. Cardinal's liability and client's ing those for negligence and any other causs ardinal be liable for incidental or consequen ing out of or related to the performance of su	exclusive remedy for an whatsoever shall be d tal damages, including a process hereunder by Ca	PLEASE NOTE: Leabliny and Clamages. Cardinat's liability and client's explusive remody for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatboever shall be deemed waved unless made in writing and received by Cardinal writin 30 days after competion of the application, 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 thereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	r fort, shall be limited to the amount ; received by Cardinal within 30 days a seconced by Cardinal within 30 days as of use, or loss of profits incurred b based upon any of the above stated	paid by the client for the the completion of the applicable y client, its subsidiaries, reasons or otherwise.			
Relinquished By:		Date: 1513	Received By:	tent	Verbal Result: All Results are	☐ Yes ☐ No ☐ Add'I Phone #: emailed. Please provide Email address:	Add'I Phone #: ide Email address:	
Relinquished By:	-	Date:	Received By:	0	REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C O. U.C. Corrected Temp. °C	Sample Condition Cool Intact Yes Yes	CHECKED BY:	Turnaround Time: Thermometer ID #113	Standard N	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C ☐ Yes ☐ Yes	ń

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



Relinquished By:	nalyses. All claims including those for neg ervice. In no event shall Cardinal be liable filiates or successors arising out of or relat	LEASE NOTE: Liability and Damages Ca						lu l	C	12	11	Lab I.D.	FOR LAB USE ONLY	2	Project Location:	Project Name: 5'G	Project #: 038/4/70	-		Address: 60/ N	Project Manager:		(575)
Date:	ligence and any other cause whatsower shall be of for incidental or consequental damages, including ted to the performance of services hereunder by C.	ardinal's liability and cliant's declarity remade for a				NFE MAGIZZ		12 121-53	19 201-54	12-08	17 98-53	Sample I.D. Repth		marker Mark	Edy County	Walt	11.	3344 Fax#:	State: 1/x	Marsufold St Soit	BOWN XMILES	_	575) 393-2326 FAX (575) 393-2476
Received By: Received By:	y claim arsing whether based in contract or feemed waived unless made in writing and r without limitation, business interruptions, los ardinal, regardless of whether such claim is					Sam		× - 0	-	-	CIX	# CONTAINER: GROUNDWATI WASTEWATER SOIL OIL SLUDGE	S ER	n.210		,	Oxy		Zip: 70761	o 400			476
Some	riort, shall be limited to the amount pureceived by Cardinal within 30 days affice of use, or loss of profits incurred by based upon any of the above stated r							x alrah	X 9/29/2	x 9/29/2		ACID/BASE: ICE / COOL OTHER :	PRESERV. SAI	Fax #:	Phone #: 575-391		City:	Address:	bode	OXV (P.O. #:		
Verbal Result: All Results are emailed REMARKS:	aid by the client for the air completion of the applicable client, its subsidiaries, easons or otherwise.									X 5221 Z	1220 x	TPH		019		1). Hr.ch	-			
Yes □ No │Add'I Phone #: ed. Please provide Email address:																							
	Date: Received By: Verbal Result:	those for negligence and any other cause wishose terminary but any casin arising writtened by casin defined to the amount pair final be liable for incidential or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by of could of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated real pate: Cardinal State Cardinal State Received By:	Damapes. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount path those for negligence and any other cause whatsoever shall be deemed valved unless made in writing and received by Cardinal within 30 days after deal of the contract of consequential damages, including without limitation, business interruptions, lose of use, or lose of profits incurred by cloud of or related to the porformance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated as the contract of	Damages. Cardinal's liability and client's exclusive remedy for any claim entising whether based in contract or fort, shall be limited to the amount paid those for negligence and any other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal within 30 days after contract or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by of 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 real time; Time; Received By: Time:	Damages. Cardinal's liability and client's exclusive remedy for any claim artising whether based in contract or fort, shall be limited to the amount paid those for negligence and any other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal within 30 days affect that be incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by cloud of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated rear time; Time; Date: Received By:	Damages. Cardinal's liability and client's exclusive remedy for any claim airsing whether based in contract or tord, shall be limited to the amount paid those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after 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 respective of the cardinal segments. Time: Received By: Time:	Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid those for negligence and any other cause whatboever shall be deemed walved unless made in writing and received by Cardinal within 30 days after final be for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by of 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 real time; Time; Received By: Time:	Damages. Cardinal's liability and client's exclusive remedy for any claim antising whether based in contract or fort, shall be limited to the amount paid those for negligence and any other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal within 30 days affecting to incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by cloud of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated rear time; Time; Received By: Time:	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 those for negligence and any other cause whatsoever shall be deemed waived unless made in willing and received by Cardinal within 30 days after the shall be rincidental or consequental damages, including without limitation, business interruptions, lose of use, or lose of profits incurred by clarinal regardless of whether such claim is based upon any of the above stated result of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated result of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated results of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated results of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated results of the services hereunder by Cardinal Received By: Time: Received By:	ES-13 71 C1 X ANARZ FS-13 71 C1 X ANARZ Damages. Cardinal's liability and cleient's exclusive remety for any claim arising whether based in contract or fort, shall be limited to the amount paid those for negligence and any other cause whatsoever shall be deemed waked unless made in writing and received by Cardinal within 30 days after final be for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by claim of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated result of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated result of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated result of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated result of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated result of or related to the performance of services hereunder by cardinal within 30 days after the performance of services hereunder by cardinal within 30 days after the performance of services hereunder by cardinal within 30 days after the performance of services hereunder by cardinal within 30 days after the performance of services hereunder by cardinal within 30 days after the performance of services hereunder by cardinal within 30 days after the performance of services hereunder by cardinal within 30 days after the performance of services hereunder by cardinal services after the performance of services hereunder by cardinal services after the performance of services hereunder by cardinal services after the performance of services after the performance of services after the performance of services after the performa	FS-102 6 C I X AND	FS-98 6 4 C X X 9/29/27 FS-102 6 C X X 9/29/27 FS-102 6 C X X 9/29/27 FS-15 7 C X 9/29	Sample I.D. 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Sam Presservi. Sam An IRIX Presservi. Sam Presservi. Sam An IRIX Presservi. Sam State: Tx Zip: FMF0 Attn: Worke Type: WHO Company: ON 18/18/2004 Fax #: WHOSH Project Owner: OX State: Zip: Phone #: 575 - 390 Fax #: Phone #: 575 - 390 Fax #: PRESERV. SAM PRE	Sample I.D. Park Received By: Polect Owner: DRJ Polect Owner:	Sample I.D. PAM COMPANY STATE For 86 LI COMPANY SAM PRESERV SAM	



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						

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Celey D. Keene



Analytical Results For:

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

Received: 10/21/2022 Reported: 10/27/2022

10/27/2022 BIG WALT 03B1417054

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)

Project Name:

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. Kreine



10/21/2022

Soil

Analytical Results For:

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

Received: 10/21/2022 Sampling Date:
Reported: 10/27/2022 Sampling Type:

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

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.

Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

17.77					
Company Name: Ensolum, LLC			BILL TO		ANALYSIS REQUEST
Project Manager: Beaux Jennings			P.O. #:		
Address: 601 N Marienfeld Street, Suite 400	ite 400		Company: Oxy USA Inc.	C,	
City: Midland	State: TX	Zip: 79701	Attn: Wade Dittrich		
Phone #: 210-219-8858	Fax #:		Address:		
Project #: 03BIH17054	Project Owner:	Oxyusk Twe	City:		
Project Name: Big 1201+ CT	73		State: Zip:		
Project Location:	New Mexico	8	Phone #: 575-390-2828		
Sampler Name: Brauer Sauce	-		Fax#:	M	
FOR LAB USE ONLY	L	MATRIX	PRESERV. SAM	SAMPLING	
Lab I.D. Sample I.D.	Depth (feet)	G)RAB OR (C)OMF CONTAINERS GROUNDWATER WASTEWATER SOIL DIL SLUDGE	OTHER : ACID/BASE: CE / COOL OTHER :	TPK 80	
18-618	カンク	- X	X	X 5591	
2 511-48	0-61			1501	
~	8-6			1100	
1	D'-A'	1 1	1	1,05 1	
1	a.	X	X 10/2/22		
Control of the second					
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim arising whether based in contract or fort, shall be limited to the amount paid by the client for the analyses. All claims including those for nepdigence 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 service. In one event shall Cardinal be itselfs or incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subviolatives, at illiation or successors arising out of or related by the performance of services have under the cardinal terruptions, closs of use, or loss of profits incurred by client, its subviolatives, at illiation or successors arising out of or related by the performance of services hereuroter by Cardinal resurdess of whether such claim is based upon any of the above stated reasons or otherwise.	lient's exclusive remedy for any or cause whatboever shall be de sequential damages, including w ca of services hereunder by Cau	ent's exclusive remedy for any claim urising whether based in contract or tot, shall be limited to cause whatsoever shall be deemed watved unless made in writing and received by Caudinal quertist dismages, including without limitation, business interruptions, loss of use, or loss of polivity of sendoes hersunder by Caudinal remanders of whether such claim is based upon any of the	or tort, shall be limited to the amount paid received by Cardinal within 30 days at loss of use, or loss of profits incurred by is based upon any of the above stated in	id by the client for the er completion of the applicable client, its subsidiaries, seaons or otherwise.	
Relinquished By:	Date: 10 71/27	Received By:	Alloholds.	Verbal Result: ☐ Yes All Results are emailed. Ple	Verbal Result: ☐ Yes ☐ No ☐ Add'I Phone #: All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:		REMARKS:	
Delivered By: (Circle One) Sampler UPS - Bus - Other:	Corrected Temp. °C	Sample Condition Cool Intact Cool Pres Pres	tion CHECKED BY: (Initials)	Turnaround Time: Sta	Standard & Bacteria (only) Sample Condition Cool Infact Observed Temp. °C Yes Yes No Corrected Temp. °C



APPENDIX F

C-141

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

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	nAB1528834107
District RP	2RP-3334
Facility ID	
Application ID	

Release Notification

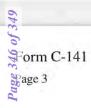
Responsible Party

	Party: Oxy	Responsible Party: Oxy USA Inc.			D: 16696
Contact Name: Wade Dittrich				Contac	t Telephone: 575-390-2828
Contact email: wade_dittrich@oxy.com				Incider	nt # nAB1528834107
Contact mailing address: PO Box 4294, Houston, TX 77210				0	
			Locatio	n of Release	Source
Latitude 32.4	2281		(NAD 83 in a	Longitud decimal degrees to 5 de	e -104.46063 ecimal places)
Site Name: B	ig Walt 2 St	ate #002		Site Typ	e: Tank Battery
Date Release	Discovered	: 09/17/2008		API# 30	-015-33315
Unit Letter	Section	Township	Range	Co	ounty
Н	2	22S	24E	Eddy	, and
			Nature ar	nd Volume of	f Release
	Materia	ul(s) Released (Select			
Crude Oi		al(s) Released (Select Volume Releas	all that apply and atta		f Release ific justification for the volumes provided below) Volume Recovered (bbls):
☐ Crude Oi	1	Volume Releas	all that apply and atta	ch calculations or speci	ific justification for the volumes provided below)
	1	Volume Releas Volume Releas Is the concentra	all that apply and atta sed (bbls):	ch calculations or speci	Volume Recovered (bbls):
	l Water	Volume Releas Volume Releas Is the concentra	all that apply and attaged (bbls): sed (bbls): 90-100 ation of dissolved t >10,000 mg/l?	ch calculations or speci	Volume Recovered (bbls): Volume Recovered (bbls):
Produced	Water tte	Volume Releas Volume Releas Is the concentration produced water	all that apply and attaged (bbls): sed (bbls): 90-100 ation of dissolved t >10,000 mg/l? sed (bbls)	ch calculations or speci	Volume Recovered (bbls): Volume Recovered (bbls): Volume Recovered (bbls): 0 ☐ Yes ☑ No
☐ Condensa	Water ate Gas	Volume Releas Volume Releas Is the concentrate produced water Volume Releas Volume Releas	all that apply and attaged (bbls): sed (bbls): 90-100 ation of dissolved t >10,000 mg/l? sed (bbls)	ch calculations or speci	Volume Recovered (bbls): Volume Recovered (bbls): Volume Recovered (bbls): 0 Yes No Volume Recovered (bbls)

Incident ID	nAB1528834107
District RP	2RP-3334
Facility ID	
Application ID	

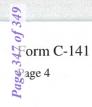
Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release? Release is grater than 25 barrels.
⊠ Yes □ No	
If YES, was immediate n Yes, Kelton Beaird (Oxy	notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?) on 09/17/2008 at 1600.
	Initial Response
The responsible	party must undertake the following actions immediately unless they could create a safety hazard that would result in injury
The source of the rele	ease has been stopped.
☐ The impacted area has	as been secured to protect human health and the environment.
Released materials h	ave been contained via the use of berms or dikes, absorbent pads, or other containment devices.
All free liquids and r	ecoverable materials have been removed and managed appropriately.
If all the actions describe	ed above have not been undertaken, explain why:
has begun, please attach within a lined containme	AC the responsible party may commence remediation immediately after discovery of a release. If remediation a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred nt area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
regulations all operators are public health or the environ failed to adequately investig	required to report and/or file certain release notifications and perform corrective actions for releases which may endanger ment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have gate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws
Printed Name: Wade Dit	<u>trich</u> Title: <u>Environmental Specialist</u>
Signature: Livelle	Date: 1-4-23
email: wade_dittrich@ox	
OCD Only	
Received by:	Date:
	•

Received by OCD: 1/11/2023 1:16:19 PM



Incident ID	nAB1528834107
District RP	2RP-3334
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 vecontamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics. Characterization Report Checklist: Each of the following items must be included in the report.	ertical extents of soil
 Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring we Field data Data table of soil contaminant concentration data Depth to water determination 	lls.
Determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs	9 AM
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	3 10:08:0
If the site characterization report does not include completed efforts at remediation of the release, the report must include a plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, pround methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are constant. 9.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.	oposed sampling poin



Incident ID	nAB1528834107
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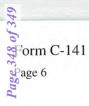
Released to Imaging: 4/14/2023 10:08:09 AM

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.

email: wade_dittrich@oxy.com Telephone: 575-390-2828

OCD Only

Received by: _______ Jocelyn Harimon ______ Date: ____01/11/2023



Incident ID	nAB1528834107
District RP	2RP-3334
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 f	following items must be included in the closure report.
A scaled site and sampling diagram as described in	19.15.29.11 NMAC
Photographs of the remediated site prior to backfill must be notified 2 days prior to liner inspection)	or photos of the liner integrity if applicable (Note: appropriate OCD District office
□ Laboratory analyses of final sampling (Note: appropriate to the control of the contro	priate ODC District office must be notified 2 days prior to final sampling)
□ Description of remediation activities	
	nd complete to the best of my knowledge and understand that pursuant to OCD rules
and regulations all operators are required to report and/or may endanger public health or the environment. The acceptude hould their operations have failed to adequately investigation health or the environment. In addition, OCD acceptument with any other federal, state, or local laws and estore, reclaim, and re-vegetate the impacted surface are accordance with 19.15.29.13 NMAC including notification or printed Name: Wade Dittrich	file certain release notifications and perform corrective actions for releases which eptance of a C-141 report by the OCD does not relieve the operator of liability ate and remediate contamination that pose a threat to groundwater, surface water, eptance of a C-141 report does not relieve the operator of responsibility for d/or regulations. The responsible party acknowledges they must substantially a to the conditions that existed prior to the release or their final land use in on to the OCD when reclamation and re-vegetation are complete. Title: Environmental Specialist
Signature: Linkel Litter	Date: 1-4-23
mail: wade_dittrich@oxy.com	Telephone: <u>575-390-2828</u>
Jocelyn Harimon Received by:	01/11/2023 Date:
	sible party of liability should their operations have failed to adequately investigate and r, surface water, human health, or the environment nor does not relieve the responsible laws and/or regulations.
Closure Approved by:	Date:
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	ased as a second se

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 175166

CONDITIONS

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	175166
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

С	reated By	Condition	Condition Date
r	hamlet	We have received your closure report and final C-141 for Incident #NAB1528834107 BIG WALT 2 STATE #008, thank you. This closure is approved.	4/14/2023