

### **CLOSURE REPORT**

Property:

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

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

January 11, 2023 Ensolum Project No. 03B1417067

Prepared for:

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

Prepared by:

Beaux Jennings Senior Project Manager

hans

Heather Holthaus Senior Project Manager

.



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### **CLOSURE REPORT**

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

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

Ensolum Project No. 03B1417067

### 1.0 INTRODUCTION

### 1.1 Executive Summary

- Due to the lack of information regarding the release, it is unknown if the impacted soil was remediated at the 2RP-9 10.4.07 (Big Walt 2 State #008), hereinafter referred to as the "Site".
- On October 4, 2007, approximately 12 barrels (bbls) of crude oil and 750 bbls of produced water were released to the ground surface with most of the fluids remaining on the Big Walt central tank battery (CTB) pad. Five hundred bbls of produced water were subsequently recovered. Based on the lack of remediation information, Oxy USA Inc. (Oxy) contracted Ensolum, LLC (Ensolum) to perform sampling of the approximate spill location at the Site. The impacted on-Site soils in the release area were excavated by Tex-Mex Rentals & Service (Tex-Mex) in 2022. Following remediation activities, excavated material was transported to Lea Land LLC for proper disposal.
- On September 2, 2022, Ensolum arrived on-Site and collected 165 composite soil samples from the excavation floor within the release area. The floor soil samples were collected from 165 different sample locations (FS-1 through FS-165) at depths ranging from 0.25 to 0.50 inches below ground surface (bgs).
- Based on laboratory analytical results, additional excavation at the Site was required. Ensolum arrived on-Site with Tex-Mex on September 29, 2022 to conduct additional excavation activities and collected 14 additional composite soil samples from the excavation floor (FS-4, FS-5, FS-6, FS-7, FS-9, FS-10, FS-33, FS-34, FS-75, FS-82, FS-86, FS-98, FS-102, and FS-131) at depths ranging from 1 to 7 feet bgs.
- Based on laboratory analytical results, additional excavation at the Site was required. Ensolum
  arrived on-Site with Tex-Mex on October 12, 2022 to conduct additional excavation activities and
  collected 1 additional composite soil sample from the excavation floor (FS-131) at a depth of 9 feet
  bgs. Additionally, Ensolum collected 4 composite soil samples from the excavation sidewalls (SW86, 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.

Oxy USA Inc. Closure Report 2RP-9 - 10.4.07 (Big Walt 2 State #008) January 11, 2023



- 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.

Operator:	Oxy USA Inc. (Oxy)	
Site Name: 2RP-9 - 10.4.07 (Big Walt 2 State #008)		
Location: 32. 422360° N, 104. 461126° W Eddy County, New Mexico		
Property: State Land Office (SLO)		
Regulatory:	New Mexico Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)	

### 1.2 Site Description & Background

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

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

### 1.3 **Project Objective**

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

### 2.0 CLOSURE CRITERIA

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



- The Site is not located within 300 feet of a New Mexico ENMRD OCD-defined continuously flowing watercourse or any other significant watercourse.
- The Site is not located within 200 feet of a lakebed, sinkhole, or playa lake.
- The Site is not located within 300 feet from an occupied permanent residence, school, hospital, institution, or church.
- According to the OSE WRSS database there are no private, domestic freshwater wells used by less than five (5) households for domestic or stock water purposes identified within 500 feet of the Site.
- According to the OSE WRSS database there are no freshwater wells identified within 1,000 feet of the Site as declared in the previous bullet.
- The Site is not located within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3.
- The Site is not located within 300 feet of a classified wetland.
- Based on information identified on the New Mexico Mining and Minerals Division's GIS, Maps and Mine Data database, the Site is not located within an area overlying a subsurface mine.
- Based on the Karst Occurrence Potential (.kmz) provided by the BLM, the Site is located within an unstable area, also referred to as high karst.
- The Site is noted to be located within an area of minimal flood hazard.

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

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

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### 3.0 SOIL REMEDIATION ACTIVITIES

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

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

Based on laboratory analytical results, additional excavation at the Site was required. Ensolum arrived on-Site with Tex-Mex on September 29, 2022 to conduct additional excavation activities and collected 14 additional composite soil samples from the excavation floor (FS-4, FS-5, FS-6, FS-7, FS-9, FS-10, FS-33, FS-34, FS-75, FS-82, FS-86, FS-98, FS-102, and FS-131) at depths ranging from1 to 7 feet bgs.

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

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

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

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

### 4.0 SOIL SAMPLING PROGRAM

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

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

### 5.0 SOIL LABORATORY ANALYTICAL METHODS

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

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



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### 6.0 DATA EVALUATION

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

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

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

### 7.0 RECLAMATION AND RE-VEGETATION

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

### 8.0 FINDINGS AND RECOMMENDATION

- On October 4, 2007, approximately 12 bbls of crude oil and 750 bbls of produced water were
  released to the ground surface with most of the fluids remaining on the Big Walt CTB pad. Five
  hundred bbls of produced water were subsequently recovered. Based on the lack of remediation
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- Based on the laboratory analytical results, the final confirmation composite soil samples collected from the excavation floor and sidewalls did not exhibit benzene, total BTEX, TPH GRO/DRO/MRO, or chloride concentrations above the applicable NMOCD Closure Criteria. Subsequent to the results of the confirmation soil sampling, the identified impacted soils were removed and taken off-Site for proper disposal. The excavation area was subsequently backfilled with clean fill material and then contoured to the original surrounding grade.

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

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

### 9.1 Standard of Care

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

### 9.2 Limitations

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



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### 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.

## **ENSOLUM**

# APPENDIX A

# Figures

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







SITE MAP

FIGURE

3



Released to Imaging: 3/20/2023 2:02:20 PM

# **ENSOLUM**

APPENDIX B

Supporting Documentation

# Received by OCD: 1/11/2023 10:34:29 AM National Flood Hazard Layer FIRMette



### Legend

regulatory purposes.

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Releasea to Imaging: 3/20/2023 2.902:20 PM 1,500 2.000

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



# Active Mines in New Mexico



11/10/2022, 4:29:05 PM			1:72,2	24
Registered Mines	0 	0.5	1 	2 mi
* Aggregate, Stone etc.	0	0.75	1.5	3 km

Esri, HERE, Garmin, Earthstar Geographics

# **OSE POD Locations Map**



### 11/10/2022, 4:27:10 PM

- OSE District Boundary
- New Mexico State Trust Lands
- Both Estates
- SiteBoundaries
- Abandoned WellOil, Gas Well

Sample Locations

Well

0

- 🗶 Abandoned Oil, Gas Well 🛛 🕅
- Surface
- Surface/Sediment
- Sediment
- Precipitation Gauge
  - Abandoned Precipitation Gauge
- Air Particulate
- Abandoned Air Particulate
- Treatment System
- Abandoned Treatment System
- PLSSSecondDivision

- PLSSFirstDivision
- PLSSTownship
  - BLM Land Grant

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- Continuo
- Sections



Esri, HERE, GeoTechnologies, Inc., Esri, HERE, Garmin, GeoTechnologies, Inc., OSE SLO, U.S. Department of Energy Office of Legacy Management, Maxar, BLM



Freshwater Forested/Shrub Wetland

**Freshwater Pond** 

Lake

Other

Riverine

### Wetlands

- Estuarine and Marine Wetland

Estuarine and Marine Deepwater

Released to Imaging: 3/20/2023 2:02:20 PM

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
То:	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 2<sup>nd</sup> 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
То:	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 29<sup>th</sup> 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
То:	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 13<sup>th</sup> 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></jocelyn.harimon@emnrd.nm.gov>
Sent:	Wednesday, October 19, 2022 12:19 PM
То:	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 http:// www.emnrd.nm.gov



From: Beaux Jennings <<u>bjennings@ensolum.com</u>> Sent: Wednesday, October 19, 2022 7:55 AM To: Enviro, OCD, EMNRD <<u>OCD.Enviro@emnrd.nm.gov</u>> 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 21<sup>st</sup> at 10am. The samples may be used for closure, provided that they meet applicable closure limits.



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

# October 24, 2007

Prepared for:

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

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

By:

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

### Guye, Gerry, EMNRD

From:	Guye, Gerry, EMNRD
Sent:	Monday, October 29, 2007 12:24 PM
To:	'Rick_Kerby@oxy.com'
Cc:	Bratcher, Mike, EMNRD; 'James_Amos@nm.blm.gov'
<b></b> .	

Subject: Work Plan for Oxy Big Walt CTB

Rick

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

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

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

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

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

### Gerry Guye

Compliance Officer NMDCD - Artesia Office (505)748-1283x105 Mobile (505)626-0843 E-Mail: gerry.guye@state.nm.us

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- IV. SURFACE AND GROUND WATER
- V. SOILS
- VI. DELINEATION PLAN
- VII. WORK DONE
- VIII. FIGURES & APPENDICES Figure 1 – Vicinity Map Appendix A – Form C-141 Appendix B – Site Photos Appendix C – Soil Samples

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### I. Company Contact(s)

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

### II. Background

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

### III. Driving Directions to Location

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

### III. Surface and Ground Water

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

### IV Soils

(need soil information).

### V. Delineation Plan

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

### VI. Work Plan

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

### VII. Figures & Appendices

Figure 1 – Vicinity Map Appendix A – C-141 Appendix B – Site Photos Appendix C – Chloride Samples Received by OCD: 1/11/2023 10:34:29 AM

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# Figure 1 Vicinity Map

Released to Imaging: 3/20/2023 2:02:20 PM



Appendix A C-141

<b>Instruct II</b> 1301 W Grand Avenue, Artesia, NM 88210	State of New Mexico Energy Minerals and Natural Resources		۰.	Revised	<b>Page 32 of 27</b> Form C-141 October 10, 2003		
District III         Oil Cons           000 Rio Brazos Road, Aztec, NM 87410         1220 Sou           1220 Sou         1220 Sou		ervation DivisionSubmit 2 Copies to appropria District Office in accordand with Rule 116 on bac side of forrth St. Francis Dr.with Rule 116 on bac side of for					
Rel		on and Corrective Act	ion				
		RATOR			Final Repo		
Name of Company OXY USA WT		Contact <b>RICK KERBY, HES SPECIALIST</b> Telephone No. 505-887-8337					
Address 102 S. Main St., POB 198 NM 88220	8, Carlsbad,						
Facility Name <b>Big Walt</b>		Facility Type Central Ta	ink Battery	7			
Surface Owner BLM	Mineral Owr	her Lease No.					
		ON OF RELEASE	I <u></u>		······································		
Unit Letter Section Township	Range Feet fro		from the Eas	st/West Line	County		
2 22 South	24 East	3		,	Eddy		
Latitu	de	Longitude					
	NATUR	RE OF RELEASE					
Type of Release Water/Oil		Volume of Release 750 bbls with 12 bbls oil	1	ecovered 500 t	obls <del>oil</del> water		
Source of Release Leak on Gun Barrel	Date and Hour of Occurrence 10/04/07 09:30a.m.	Date and Hour of Discovery 10/04/07 10:30a.m.					
Was Immediate Notice Given?	No 🗌 Not Require	If YES, To Whom?	<b>.</b>				
By Whom? Was a Watercourse Reached?		Date and Hour If YES, Volume Impacting the V					
was a watercourse Reached?	No	IT YES, Volume Impacting the v	vatercourse.				
If a Watercourse was Impacted, Describe Fully.*							
Not applicable		•					
Describe Cause of Problem and Remedial Action	n Taken.*	· · · · · · · · · · · · · · · · · · ·					
Air compressor failed, so dump valves to gun what it could before water soaked into ground		ich blew piping and bottom out of	tank. Vacuum	truck called a	nd picked up		
Describe Area Affected and Clcanup Action Tak	en *						
Most of fluid stayed on location. Ground will to NMOCD.		I samples will be collected, and a we	ork plan will b	e formulated a	nd submitted		
I hereby certify that the information given above regulations all operators are required to report an public health or the environment The acceptanc should their operations have failed to adequately or the environment. In addition, NMOCD accep federal, state, or local laws and/or regulations	d/or file certain release e of a C-141 report by investigate and remedi	notifications and perform corrective the NMOCD marked as "Final Repor ate contamination that pose a threat t	actions for relea t" does not relie o ground water,	ases which may eve the operator surface water, l	endanger of liability iuman health		
	OIL CONSEI	OIL CONSERVATION DIVISION					
Signature:		Approved by District Supervisor:		, ,			
Printed Name: Rick Kerby			T .				
Title:   HES Specialist		Approval Date	Expiration D	Date:			
E-mail Address: <u>rick kerby@oxy.com</u>		Conditions of Approval:		Attached			
Date 10/11/2007 Phone: 505-3 505-3 Attach Additional Sheets If Necessar	390-8639 (C)						

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# Appendix C Soil Samples

Released to Imaging: 3/20/2023 2:02:20 PM

## Soil Samples

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

Released to Imaging: 3/20/2023 2:02:20 PM



## **ENSOLUM**

# APPENDIX C

Photographic Documentation


View of initial release, facing north.





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.

# **ENSOLUM**

# APPENDIX D

Table

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					Eddy C	TABLE 1E ANALYTIC/07 (Big Walt 20xy USA Inc.County, New MProject No. 03	State #008) Iexico					
Sample Designation	Date	Depth (inches bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
New Mexico Oi Criteria for S	I Conservation Soils Impacted (≤ 50 feet)		10	NE	NE	NE	50	NE	NE	NE	100	600
					Floor S	Sample Analytica	al Results					
FS-1	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-2	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	52.6	16.7	69.3	32.0
FS-3	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-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
10-4	9/29/2022	12		-	NS		-	<10.0	<10.0	<10.0	<10.0	NS
FS-5	9/2/2022	0.25	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	196	96.3	292	<16.0
10-0	9/29/2022	12			NS			<10.0	<10.0	<10.0	<10.0	NS
FS-6	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	866	358	1,224	16.0
10-0	9/29/2022	12		-	NS			<10.0	<10.0	<10.0	<10.0	NS
FS-7	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	174	95.8	270	32.0
10-1	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
FS-9	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1,470	628	2,098	<16.0
100	9/29/2022	24		<b>F</b> · · · · · · · · · · · · · · · · · · ·	NS			<10.0	<10.0	<10.0	<10.0	NS
FS-10	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	61.7	65.0	127	32.0
	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

FS-13

FS-14

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FS-16

FS-17

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

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					SOIL SAMPLE 2RP-9 - 10.4.(	07 (Big Walt 2						
						Oxy USA Inc. county, New N	lexico					
					Ensolum P	Project No. 03	B1417067					
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	Sample 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
10.00	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
	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 FS-49	9/2/2022 9/2/2022	0.25	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<b>32.0</b> <16.0
FS-49 FS-50	9/2/2022	0.25	< 0.050	<0.050	<0.050	<0.150			< 10.0 46.0	< 10.0 <b>15.8</b>	< 10.0 61.8	< 16.0 32.0
FS-50 FS-51	9/2/2022	0.25	<0.050	<0.050	< 0.050	<0.150	<0.300 <0.300	<10.0 <10.0	46.0 15.8	<10.0	15.8	32.0
FS-51 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	32.0
FS-52 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-53 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-54 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 16.0
FS-55 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
10-00	01212022	0.20	-0.000	-0.000	-0.000	-0.100	-0.000	10.0	- 10.0	- 10.0	10.0	02.0

TABLE 1

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

							2 State #008)					
						roject No. 03						
Sample Designation	Date	Depth (inches bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
	Conservation soils Impacted (≤ 50 feet)	Division Closure by a Release	10	NE	NE	NE	50	NE	NE	NE	100	600
					Floor S	ample Analytica	al Results					
FS-61	9/2/2022	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-62	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-63	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-64	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-65	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.3	<10.0	15.3	<16.0
FS-66	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-67	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-68	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	60.7	15.3	76.0	<16.0
FS-69	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-70	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-71	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-72	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-73	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	28.4	<10.0	28.4	16.0
FS-74	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.8	<10.0	15.8	32.0
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
	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
	9/29/2022	36			NS			<10.0	<10.0	<10.0	<10.0	NS
FS-83	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-84	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.2	<10.0	20.2	<16.0
FS-85	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
*FS-86	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1,770	593	2,363	<16.0
	9/29/2022	48			NS		T	<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

 TABLE 1

 SOIL SAMPLE ANALYTICAL RESULTS

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

			SOIL SAMPLE 2RP-9 - 10.4.0 C Eddy Co		2 State #008) lexico				
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+MR( (mg/kg)
Division Closure by a Release	10	NE	NE	NE	50	NE	NE	NE	100
			Floor S	ample Analytic	al Results				
0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	45.6	<10.0	45.6
0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	35.6	<10.0	35.6
0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0
0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0
0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0
0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0
0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0
0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	101	24.8	126
72			NS			<10.0	<10.0	<10.0	<10.0
0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	25.1	<10.0	25.1

< 0.150

< 0.150

< 0.150

< 0.150

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< 0.150

<0.150

< 0.300

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<10.0

<10.0

54.5

24.0

110

<10.0

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<10.0

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<10.0

<10.0

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<10.0

<10.0

<10.0

<10.0

15.2

<10.0

26.7

<10.0

<10.0

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Sample

Designation

FS-91

FS-92

FS-93

FS-94

FS-95

FS-96

FS-97

\*FS-98

FS-99

FS-100

FS-101

\*FS-102

FS-103

FS-104

FS-105

FS-106

FS-107

FS-108

FS-109

FS-110

FS-111

FS-112

FS-113

FS-114

FS-115

FS-116

FS-117

FS-118

FS-119

FS-120

Date

(≤ 50 feet)

9/2/2022

9/2/2022

9/2/2022

9/2/2022

9/2/2022

9/2/2022

9/2/2022

9/2/2022

9/29/2022

9/2/2022

9/2/2022

9/2/2022

9/2/2022

9/29/2022

9/2/2022

9/2/2022

9/2/2022

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9/2/2022

9/2/2022

9/2/2022

9/2/2022

9/2/2022

9/2/2022

9/2/2022

0.25 - 0.50

0.25 - 0.50

0.25 - 0.50

72

0.25 - 0.50

0.25 - 0.50

0.25 - 0.50

0.25 - 0.50

0.25 - 0.50

0.25 - 0.50

0.25 - 0.50

0.25 - 0.50

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0.25 - 0.50

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0.25 - 0.50

0.25 - 0.50

0.25 - 0.50

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< 0.050

< 0.050

< 0.050

NS

< 0.050

< 0.050

< 0.050

< 0.050

< 0.050

< 0.050

< 0.050

< 0.050

< 0.050

< 0.050

< 0.050

< 0.050

< 0.050

< 0.050

< 0.050

< 0.050

< 0.050

< 0.050

New Mexico Oil Conservation Dir Criteria for Soils Impacted by Received by OCD: 1/11/2023 10:34:29 AM

Chloride

(mg/kg)

600

<16.0

<16.0

<16.0

<16.0

32.0

<16.0

<16.0

NS

32.0

32.0

32.0

48.0

NS

<16.0

<16.0

<16.0

48.0

32.0

32.0

16.0

<16.0

<16.0

<16.0

<16.0

<16.0

48.0

<16.0

<16.0

16.0

32.0

32.0

+MRO)

69.7

24.0

137

<10.0

<10.0

<10.0

<10.0

<10.0

<10.0

<10.0

<10.0

<10.0

<10.0

<10.0

<10.0

<10.0

<10.0

<10.0

<10.0

<10.0

<10.0

<10.0

					Eddy Co		State #008) Iexico					
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-121	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-122	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-123	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-124	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-125	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-126	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-127	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-128	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-129	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-130	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	188	47.5	236	<16.0
*FS-131	9/29/2022	84			NS			<10.0	104	34.8	139	NS
	10/21/2022	108			NS			<10.0	<10.0	<10.0	<10.0	NS
FS-132	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-133	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-134	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-135	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-136	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	32.1	<10.0	32.1	<16.0
FS-137	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-138	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-139	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-140	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	21.7	<10.0	21.7	<16.0
FS-141	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-142	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-143	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.7	<10.0	11.7	<16.0
FS-144	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-145	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-146	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	43.7	<10.0	43.7	<16.0
FS-147	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	21.5	<10.0	21.5	48.0
FS-148	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-149	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-150	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0

 TABLE 1

 SOIL SAMPLE ANALYTICAL RESULTS

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

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
2RP-9 - 10.4.07 (Big Walt 2 State #008)
Oxy USA Inc.

Eddy County, New Mexico Ensolum Project No. 03B1417067

Sample Designation	Date	Depth (inches bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
	I Conservation ∣ Soils Impacted I (≤ 50 feet)	Division Closure by a Release	10	NE	NE	NE	50	NE	NE	NE	100	600
					Floor S	ample Analytica	al Results					
FS-151	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-152	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-153	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-154	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-155	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-156	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	25.1	<10.0	25.1	<16.0
FS-157	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-158	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-159	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-160	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-161	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-162	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-163	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-164	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
FS-165	9/2/2022	0.25 - 0.50	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
					Sidewall	Sample Analyti	ical Results					
SW-86	10/21/2022	0 - 48			NS			<10.0	<10.0	<10.0	<10.0	NS
SW-98	10/21/2022	0 - 72			NS			<10.0	<10.0	<10.0	<10.0	NS
SW-102	10/21/2022	0 - 72			NS			<10.0	<10.0	<10.0	<10.0	NS
SW-131	10/21/2022	0 - 108			NS			<10.0	<10.0	<10.0	<10.0	NS

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

Over Ecavated and/or Re-Sampled

\* 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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

MRO: Motor Oil/Lube Oil Range Organics

TPH: Total Petroleum Hydrocarbon

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

# **ENSOLUM**

# 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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



		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 - 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	73.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	73.6	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		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 - 2 0-0.25" (H224051-02)

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	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 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	76.9 9	46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		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 - 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 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		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 - 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 %	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 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.3 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	09/02/2022		Sampling Date:	09/02/2022
Reported:	09/09/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	** (See Notes)
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

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

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Celey D. Keene, Lab Director/Quality Manager



		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 - 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	51						
Surrogate: 1-Chlorooctadecane	98.7	% 46.3-17	10						

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		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 - 7 0-0.25" (H224051-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	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 9	45.3-16	51						
Surrogate: 1-Chlorooctadecane	84.4 9	46.3-17	<i>'</i> 8						

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Celey D. Keene, Lab Director/Quality Manager



		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 - 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 %	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*	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 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	73.0 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		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 - 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 %	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 9	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	108 %	6 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	09/02/2022		Sampling Date:	09/02/2022
Reported:	09/09/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	** (See Notes)
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

BTEX 8021B	mg/	kg	Analyze	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 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	72.4 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		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 - 11 0-0.25" (H224051-11)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	09/07/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	74.2 \$	45.3-16	1						
Surrogate: 1-Chlorooctadecane	76.1	46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	09/02/2022		Sampling Date:	09/02/2022
Reported:	09/09/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	** (See Notes)
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, 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	70.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	75.0	% 46.3-17	8						

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## \*=Accredited Analyte

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		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 - 13 0-0.25" (H224051-13)

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	32.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	68.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	72.3	% 46.3-17	8						

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		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	09/02/2022		Sampling Date:	09/02/2022
Reported:	09/09/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	** (See Notes)
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

BTEX 8021B	mg/	′kg	Analyze	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	32.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	24.8	10.0	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	74.7	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	80.2	% 46.3-17	8						

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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 - 15 0-0.25" (H224051-15)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	<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	51						
Surrogate: 1-Chlorooctadecane	76.7	% 46.3-17	18						

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		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	09/02/2022		Sampling Date:	09/02/2022
Reported:	09/09/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	** (See Notes)
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

BTEX 8021B	mg/	/kg	Analyze	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*	<10.0	10.0	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	73.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	75.8	% 46.3-17	8						

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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 - 17 0-0.25" (H224051-17)

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*	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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Received:	09/02/2022		Sampling Date:	09/02/2022
Reported:	09/09/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	** (See Notes)
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	190	95.1	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/06/2022	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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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	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*	24.5	10.0	09/06/2022	ND	167	83.4	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	78.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	82.4	% 46.3-17	8						

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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 - 20 0-0.25" (H224051-20)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.76	87.9	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2022	ND	1.87	93.6	2.00	3.35	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.89	94.3	2.00	3.05	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.91	98.5	6.00	3.21	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	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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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	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.80	90.2	2.00	0.416	QM-07
Toluene*	<0.050	0.050	09/06/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	112 9	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117 %	6 46.3-17	8						

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		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	09/02/2022		Sampling Date:	09/02/2022
Reported:	09/09/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	** (See Notes)
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

BTEX 8021B	mg/	kg	Analyze	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 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	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 %	6 45.3-16	51						
Surrogate: 1-Chlorooctadecane	111 %	6 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	09/02/2022		Sampling Date:	09/02/2022
Reported:	09/09/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	** (See Notes)
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

BTEX 8021B	mg/	kg	Analyze	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 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	78.4 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	83.5	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		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	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 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	27.9	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	88.8 %	45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.0 %	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager


		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 - 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, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	44.8	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	93.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		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 - 26 0-0.25" (H224051-26)

BTEX 8021B	mg/kg		Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/06/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	79.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.5	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		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		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/06/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	76.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.2	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		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 - 28 0-0.25" (H224051-28)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/06/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	88.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.3	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		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 - 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, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	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 %	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.5 %	6 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	09/02/2022		Sampling Date:	09/02/2022
Reported:	09/09/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	** (See Notes)
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/06/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	<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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Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	09/02/2022		Sampling Date:	09/02/2022
Reported:	09/09/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	** (See Notes)
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

BTEX 8021B	mg/kg		Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/06/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	85.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.7	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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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 - 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, 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	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 9	46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		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		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/06/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/06/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/06/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	761	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	293	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	70.7 9	6 45.3-16	51						
Surrogate: 1-Chlorooctadecane	127 %	6 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		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	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, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	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 9	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102 %	6 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	09/02/2022		Sampling Date:	09/02/2022
Reported:	09/09/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	** (See Notes)
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

BTEX 8021B	mg/	/kg	Analyze	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	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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Celey D. Keene, Lab Director/Quality Manager



		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 - 36 0-0.25" (H224051-36)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 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	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	51						
Surrogate: 1-Chlorooctadecane	92.9	% 46.3-17	'8						

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Celey D. Keene, Lab Director/Quality Manager



		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 - 37 0-0.25" (H224051-37)

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	118 %	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	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 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	105 %	6 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		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 - 38 0-0.25" (H224051-38)

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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	191	95.5	200	5.55	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	204	102	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	83.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.5	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		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 - 39 0-0.25" (H224051-39)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.80	90.2	2.00	0.416	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	94.8	2.00	0.624	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.6	2.00	0.670	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.98	99.7	6.00	1.07	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	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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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		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 - 40 0-0.25" (H224051-40)

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

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Celey D. Keene, Lab Director/Quality Manager



		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 - 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, SM4500Cl-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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Celey D. Keene, Lab Director/Quality Manager



		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 - 42 0-0.25" (H224051-42)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	97.3 %	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105 %	6 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	09/02/2022		Sampling Date:	09/02/2022
Reported:	09/09/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	** (See Notes)
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

BTEX 8021B	mg/kg		Analyze	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 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	83.5 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.8 9	46.3-17	0						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		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	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, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	41.9	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	12.4	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	77.9%	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.9 %	6 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		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 - 45 0-0.25" (H224051-45)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 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*	<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	51						
Surrogate: 1-Chlorooctadecane	114 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		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 - 46 0-0.25" (H224051-46)

BTEX 8021B	mg/kg		Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	99.8 %	45.3-16	51						
Surrogate: 1-Chlorooctadecane	109 %	6 46.3-17							

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		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 - 47 0-0.25" (H224051-47)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	82.4 %	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.8 %	6 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		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 - 48 0-0.25" (H224051-48)

BTEX 8021B	mg/kg		Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 %	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 %	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104 %	6 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		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	Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	94.5 %	45.3-16	51						
Surrogate: 1-Chlorooctadecane	108 %	6 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		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 - 50 0-0.25" (H224051-50)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	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 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	101 %	6 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		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 - 51 0-0.25" (H224051-51)

BTEX 8021B	mg/kg		Analyze	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, 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*	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 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	<b>99.3</b> 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		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 - 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	Qualifie
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	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	91.3 %	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101 %	6 46.3-17	0						

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Celey D. Keene, Lab Director/Quality Manager



		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 - 53 0-0.25" (H224051-53)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	69.9-14	0						
Chloride, 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	79.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.0	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		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	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	88.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	<i>98.3</i>	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	09/02/2022		Sampling Date:	09/02/2022
Reported:	09/09/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	** (See Notes)
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

BTEX 8021B	mg/kg		Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	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 %	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.9 %	6 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		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 - 56 0-0.25" (H224051-56)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, 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	09/07/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	82.6 %	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.2 %	6 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		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 - 57 0-0.25" (H224051-57)

BTEX 8021B	mg/kg		Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	86.5 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	<i>93.2</i> 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	09/02/2022		Sampling Date:	09/02/2022
Reported:	09/09/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	** (See Notes)
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2022	ND	198	99.0	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/06/2022	ND	173	86.7	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	09/06/2022	ND					
Surrogate: 1-Chlorooctane	87.9 9	45.3-16	51						
Surrogate: 1-Chlorooctadecane	95.2 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		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 - 59 0-0.25" (H224051-59)

BTEX 8021B	mg/kg		Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.79	89.3	2.00	0.0834	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	1.48	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.90	95.1	2.00	0.151	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	6.01	100	6.00	0.533	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	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	97.2 %	45.3-16	1						
Surrogate: 1-Chlorooctadecane	106 %	6 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		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 - 60 0-0.25" (H224051-60)

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 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	71.7 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.1 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager


		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	09/02/2022		Sampling Date:	09/02/2022
Reported:	09/09/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	** (See Notes)
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	87.3 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	104 9	6 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		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		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	87.4	45.3-16	51						
Surrogate: 1-Chlorooctadecane	106 9	6 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	09/02/2022		Sampling Date:	09/02/2022
Reported:	09/09/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	** (See Notes)
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	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	76.9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.9	46.3-17	8						

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### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		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	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	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 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	101 %	6 46.3-17	8						

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		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, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	84.3 9	45.3-16	51						
Surrogate: 1-Chlorooctadecane	98.6 9	46.3-17	8						

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		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 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	82.2 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.3 9	% 46.3-17	8						

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		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	09/02/2022		Sampling Date:	09/02/2022
Reported:	09/09/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	** (See Notes)
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	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 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.2 9	6 46.3-17	8						

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		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, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	84.6 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.3 S	46.3-17	8						

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Received:	09/02/2022		Sampling Date:	09/02/2022
Reported:	09/09/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	** (See Notes)
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	86.6 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	102 %	6 46.3-17	0						

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Received:	09/02/2022		Sampling Date:	09/02/2022
Reported:	09/09/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	** (See Notes)
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	75.3	45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.8	46.3-17	8						

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		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, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	90.4 9	45.3-16	51						
Surrogate: 1-Chlorooctadecane	105 %	6 46.3-17	8						

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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	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	28.4	10.0	09/07/2022	ND	197	98.3	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	67.7 9	45.3-16	51						
Surrogate: 1-Chlorooctadecane	78.5	% 46.3-17	8						

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Received:	09/02/2022		Sampling Date:	09/02/2022
Reported:	09/09/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	** (See Notes)
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	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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		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 - 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 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	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	0						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	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 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.4 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		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 - 77 0.25-0.5" (H224051-76)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	69.9-14	0						
Chloride, 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 9	45.3-16	51						
Surrogate: 1-Chlorooctadecane	80.1 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		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	<b>99</b> .7 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	<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 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	116 %	6 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		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		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	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 9	45.3-16	51						
Surrogate: 1-Chlorooctadecane	94.4 9	46.3-17	18						

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Celey D. Keene, Lab Director/Quality Manager



		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	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/07/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	189	94.7	200	2.22	
DRO >C10-C28*	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 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	09/02/2022		Sampling Date:	09/02/2022
Reported:	09/09/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	** (See Notes)
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.83	91.7	2.00	3.22	
Toluene*	<0.050	0.050	09/07/2022	ND	1.90	95.0	2.00	3.76	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.5	2.00	3.02	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.88	98.0	6.00	2.27	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	197	98.3	200	0.208	
DRO >C10-C28*	22.7	10.0	09/07/2022	ND	207	103	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	81.0 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.9 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/07/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	197	98.3	200	0.208	
DRO >C10-C28*	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							

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Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	09/02/2022		Sampling Date:	09/02/2022
Reported:	09/09/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	** (See Notes)
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.84	92.0	2.00	4.17	
Toluene*	<0.050	0.050	09/07/2022	ND	1.91	95.3	2.00	5.55	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.6	2.00	3.61	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.97	99.5	6.00	4.22	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	69.9-14	0						
Chloride, 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*	<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 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.2 9	6 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



		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		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 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	197	98.3	200	0.208	
DRO >C10-C28*	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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Celey D. Keene, Lab Director/Quality Manager



		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 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	197	98.3	200	0.208	
DRO >C10-C28*	<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	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	09/02/2022		Sampling Date:	09/02/2022
Reported:	09/09/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	** (See Notes)
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.84	92.0	2.00	4.17	
Toluene*	<0.050	0.050	09/07/2022	ND	1.91	95.3	2.00	5.55	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.6	2.00	3.61	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.97	99.5	6.00	4.22	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	197	98.3	200	0.208	
DRO >C10-C28*	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 9	% 46.3-17	8						

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\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	09/02/2022		Sampling Date:	09/02/2022
Reported:	09/09/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	** (See Notes)
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.84	92.0	2.00	4.17	
Toluene*	<0.050	0.050	09/07/2022	ND	1.91	95.3	2.00	5.55	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.6	2.00	3.61	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.97	99.5	6.00	4.22	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	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	09/08/2022	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 9	45.3-16	51						

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### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	09/02/2022		Sampling Date:	09/02/2022
Reported:	09/09/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	** (See Notes)
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.84	92.0	2.00	4.17	
Toluene*	<0.050	0.050	09/07/2022	ND	1.91	95.3	2.00	5.55	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.6	2.00	3.61	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.97	99.5	6.00	4.22	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	197	98.3	200	0.208	
DRO >C10-C28*	<10.0	10.0	09/07/2022	ND	207	103	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	89.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.6	% 46.3-17	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		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 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	197	98.3	200	0.208	
DRO >C10-C28*	<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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### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		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		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	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*	<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 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.7 \$	46.3-17	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	09/02/2022		Sampling Date:	09/02/2022
Reported:	09/09/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	** (See Notes)
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2022	ND	1.84	92.0	2.00	4.17	
Toluene*	<0.050	0.050	09/07/2022	ND	1.91	95.3	2.00	5.55	
Ethylbenzene*	<0.050	0.050	09/07/2022	ND	1.91	95.6	2.00	3.61	
Total Xylenes*	<0.150	0.150	09/07/2022	ND	5.97	99.5	6.00	4.22	
Total BTEX	<0.300	0.300	09/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/07/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2022	ND	197	98.3	200	0.208	
DRO >C10-C28*	45.6	10.0	09/07/2022	ND	207	103	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	09/07/2022	ND					
Surrogate: 1-Chlorooctane	70.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.4	% 46.3-17	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### **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

### **Cardinal Laboratories**

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

# Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Released to Imaging: 3/20/2023 2:02:20 PM

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Company Name: Encluse 110			1							1	-	BILL	5	5						AN	ANALYSIS		REQUEST	EST
Project Manager: Beaux J	2 2	5 5							P.O.	#						Ц	_	_	_		-	_		
Ma									Co	mpa	Company:		Oxy USA,	SA, I	Inc.			_	_		_	_		
City: Midland	State:	XL	Zip:	7	79701	-			Attn:	3	Wa	de D	Wade Dittrich	7	1									
10 #: 432 230	7344 Fax #:	*							Ad	Address:	ŝ							_			-			
Project #.0381417054		Project Owner:	0	X	Y				City:	×							-	_	0	_				
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in:	x Co.								Ph	Phone #:	*	57	575-390-2828	0-28	28		1	16	43			_		
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Lab I.D. Sample I.D.		Sample Depth	B)RAB OR (C)OMP.	CONTAINERS	ROUNDWATER	ASTEWATER	OIL	LUDGE	THER	CID/BASE:	E / COOL	THER :	2	DATE			TPH BOI	BTEK &	Chloride			- 11		
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YEASE NOTE: Liability and Damages. Cardinal's liable matyses. All claims including those for negligence and envice. In no event shall Cardinal be liable for incidents	ai's liability and client's exc sce and any other cause w noidential or consequential	lusive remedy for any hatsoever shall be de damages, including w	4 3 2	n ariso I webu	ism arking whether based in contract or to ed welved unless made in writing and rec out ismitation, business internations, loss i	ther by	sed in de in w	nilling a	d or to nd reco	d received b loss of use,	y Card or loss	inded to pro	If be Imited to the amony Cardinal websit 30 d or loss of profits incur	days at	ald by the clie fair completion client, its sub	shall be limited to the emount paid by the client for the end by Cardinal within 30 days after completion of the appli- use, or loss of profits incurred by client, its subaidantee,	pplicable							
Relinquished By:	performance o	Date: 1.2.2.	Ro	Celle	Received By	By:	2 Par su	¢ dat	n 18 be	sed up	on any	arry of the abo	above	stated	AI	Verbal Result:	Ire emu	Ves	Please pr	rovide	d'I Ph Email	Add'l Phone #: de Email addres		
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Delivered By: (Circle One)	Observ	a T.mp. "C30	Õ	200		Sample Condition	ple	e Condi	ition		CH	ECKED (Initials)	(Initials)	3Y:	7	Turnaround Time:	Time:		Standard	a. ⊡K3		Bacteria (or Cool Intact	(only) act	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:		** Tamp. "02	S	01 UZO.			Zm	9	es	~	51		-		E	Thermometer ID	ter ID #113		5			Ves Ves	Yes	Corrected Temp. °C

### ARDINAL aboratories 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: E	Ensolum, LLC					Η		BILL	L T0					ANAL	ANALYSIS REQ	REQUEST
Project Manager:						P.O.	*				_	_	-		_	-
Address: 601 N. Ma	Marienfeld St. STE 400	400				Com	Company:	100	Oxy USA, Inc.	5		_	_			
City: Midland		State: TX	Zip:	79701	1	Attn:		Wade Dittrich	ittrich				_			
Phone #: 732 2	12 466 08	Fax #:				Add	Address:					_	_			
Project #:03814	17054	Project Owner:	0	XX		City:					_	_	0			_
Project Name: B.g	Walr					State:	0	N	Zip:		_	_	0			
in:	ally Co					Phone	ne #:	575	575-390-2828	3			45		_	
Sampler Name: 514	ANIE D.	46158				Fax #:	养				m	21				
FOR LABUSE ONLY			_	-	MATRIX	_	PRESERV	RV.	SAMPLING	ING	5,		5'			
Lab I.D. Si	Sample I.D.	Sample Depth	AB OR (C)OMP.	UNDWATER .	DGE	IER :	/BASE: / COOL	IER :			PH BOIS		floride.	1		
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20	FS- 20	025	C	F	*		K	P	22-2-	820	×	×	×			
E: Liability alms inclu event shall	and Damages. Cardinal's liability and cli ding those for megligence and any other Cardinal be liable for incidential or cons- teing out of or related to the performance	ant's exclusive rem cause wheteoever equental damages, of sandces harms	ny claim ar deemed we without lim	nising whet alved unlen nilation, but	edy for any claim arising whether based to contract or tort, shall be im what be deemed welved unless made in writing and nonived by Carel including without limitation, business interruptions, loss of user or ross day to Cardinal insendence of whether such datin in based upon any day to Cardinal insendence of whether such datin in based upon any	and receive and receive a, loss of u	shall be lin red by Card use, or loss d upon any	finitied to t final with t of profits	ited to the amount paid by hail within 30 days after con of profits incurred by client, of the above stated reason	contract or tort, shall be limited to the amount paid by the client for the ling and revenued by Cardinal within 30 days after completion of the applicable griona, loss of user, or loss of profits incorrect by client, its subsidianties, A client is based upon any of the above stated resiscon a otherwise.	applicable					
Relinquished By:		Date:		Received By	By:				_	Verbal Result: All Results are		I Yes	I No lease prov	Add'I	Pres No Add'l Phone #: emailed. Please provide Email address:	
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Relinquished By:		Date: Time:	Rece	Received By	By:	1		(	9	REMARKS:						
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	her:	Carracted Tamp. "CZO	1	570	Sample Condition Cool Intact	ndition ct Yes	A ₽	(Initials)		Turnaround Time: Thermometer ID #1	ID #113	,	Standard		Bacteria (only) Cool Intact	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C

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

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 95 of 101

Relinquished By: Relinquished By unièpees. Al claims including those for negligence and any ofhir cause whatacever shall be deemed weived unless made in writing and noo service. In no revent shall Cardinal be liable for incidental or consequential damages, including without limitation, businees interruptions, loss o City: Sampler Name: Phone #: 732 Sampler - UPS - Bus - Other Project Location: Early C Project Name: B.g Wa Project #:0381417054 Project Manager: Company Name: LEASE NOTE: Liaber Delivered By: (Circle One) 123405 Address: FOR LAB USE ONLY Lab I.D. e eles 2 288 22 30 Midland 601 N. Marienfeld St. STE 400 out of or related to the per SIMANIE 230 Sample I.D. Ensolum, LLC FS- 201 5-28 FS- 25 5. 30 5-FS-23 FS-24 3-5-27 FS-22 26 2 12466 Ó ò Observed Tamp 27 Time 1514 Fax #: CA-D-JD. Date: 0 0-0.25 Sample Depth Project Owner: Time: 0 0 0 0 0-, oted Temp 0 State:  $\hat{U}^{t}$ 1 (foot) 当 25 sunder by Ca 25 25 25 25 3 25 X 25 · Saul 5 Received By: Zip: Received By: 0 0 0 0 0 (G)RAB OR (C)OMP 0 0 100 XX0 20 # CONTAINERS 79701 GROUNDWATER Sample Condition Cool Intact WASTEWATER Ves AYes MATRIX n SOIL T 5 ĸ rer such daim is based upon any of the above state × × 5 × x OIL SLUDGE P.O. #: State: OTHER Fax #: City: Attn: Phone #: Company: Address: of use wind by Cardinal ACID/BASE PRESERV. CHECKED BY Wade Dittrich ICE / COOL K × ~ loss of profits incurred by client, its subsidiaries × × (Initials) BILL OTHER 575-390-2828 Oxy USA, within 30 days after 6822.2.6 9-2-22836 9-2-22834 25822-2-6 06822-2-6 Zip 82 8 22.2.6 22812-5-6 12812.2.6 22812.26 0 DATE 12822.2 5 SAMPLING Inc All Results are emailed. Please provide Email address Turnaround Time: Verbal Result: REMARKS: TIME BJennings@ensolum.com rection Factor -0.5°C letton of the app nometer ID #113 × × γ ĸ X × TPH 8015 M C Yes X × х x κ 8 × x χ x BTEK 8021b Standard 0.6 Kush × K X 4500 × κ × X londes × × K ON D ANALYSIS DB Add'l Phone #: Cool Intact Nc No Bacteria (only) Sample Condition REQUEST Observed Temp. °C Corrected Temp, "C

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

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L	and and the state of the state				
Project Manager: Ensolum, LLC	LLC		P.O. #:		ANALYSIS REQUEST
Address: 601 N. Marienfeld St. STE 400	St. STE 400		Company: Oxy USA, Inc		
City: Midland	State: TX	Zip: 79701	Attn: Wade Dittrich		
Phone #: 132 230 3	7344 Fax #:		Address:		
Project #:0381417054	-4 Project Owner: OX	X	City:	0	
Project Name: B. 5 W.	2/2		State: Zip:	00	
Project Location:	1			6	
10	0		FIIODER: VIA ANA PARA	1	
Sampler Name: SHANE	DILLER		Fax #:	21	
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	5.	
Lab I.D. Sample I.D.	e I.D. Sample Depth	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER : DATE	TPH BOIS BTER E Chloride	
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PLEASE WOTE: Liability and Damagee Cardma's lability and client's exclusive ramady for any claim anising whether based in contract or loct, shall be limited to the amount paid by the client for the analyses. All clients including those for negligence and any other cases whethereme shall be deemed walked unless made in writing and nooked by Cardmal within 30 days after completion of the applicable sentior. In no event that Cardmal to label for includent and one-parameters without terms interruption, loss of use or loss of use, or loss of profits incruding those by client. It is autovaluedes. affiliation or successors wheng out of or related to the performance of sendors incruding whost imitation, logarities or successors wheng out of or related to the performance of sendors becarded by cardmal.	fability and client's exclusive remedy for any claim and any other cause whataoever shall be deemed dental or consequental damages, including without is portormance of services hereunder by Cardinal.	y claim anaing whether based in contract or tort, shall be im exempt wwwed unless made in writing and nocime by Cardi without imitation, business interruptions, icoso of use, or loss writinal, regardless of whether such claim is based upon any	rannedy for any claim anking whether based in contract or bot, shall be limited to the amount paid by the client for the even shall be deemed walved unless mode in witting and neoled by Cardinal within 30 days after compution of the gras, including without limitation, business interruptions, loss of user, or loss of priods in outred by Claudiackas prounder by Cardinal, caparities of whether such claim is based grow any of the above stands reasons or otherwise	by the client for the completion of the applicable ent, its subsidiaries, loss or otherwise.	
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Relinquished By:	Date:	Received By:	2	REMARKS:	

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

Released to Imaging: 3/20/2023 2:02:20 PM

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

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Sample Condition Cool Intact Yes Pres

(Initials)

Correction Factor 0.5°C

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Bacteria (only) Sample Condition Cool Intact Observed Temp.

Observed Temp. °C Corrected Temp. °C U

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

## 101 East Marland, Hobbs, NM 88240 oratories

Relinquished By analyses. All claims including those for negligence and any other cause whats service. In no event shall Cardinal be fable for incidental or consequental dam Phone #: 732 City: Relinquished By: Sampler Name: Project #:0381417054 Ren or Project Location: Project Name: Project Manager: Company Name: LEASE NOTE: 1 Address: Delivered By: (Circle One) FOR LAB USE ONLY Lab I.D. 王氏的 में देव देव Midland 601 N. Marienfeld St. STE 400 Big Wa SINANE Mr. 575) 393-2326 FAX (575) 393-2476 Sample I.D. 052 5-FS- 49 Ensolum, LLC Xpo 50 12456 00 0 Observed Temp. 20 Fax #: Time: 15/4 Date: 520-0 Sample Depth Date: 0 Project Owner: 0 0 0 0 0-, Time: 0 State: iì, ş 1 Tel 5 ages, including without limitation, business ever shall be deer 25 25 25 25 25 25 Z N.C. Zip: Received By: 12192 (G)RAB OR (C)OMP 0 0 0 0 0 0 Received By: 2X 0 # CONTAINERS veived unless 79701 GROUNDWATER X Sample Condition of whether such claim is WASTEWATER made in writing and rec MATRIX SOIL × ~ R 5 × × 5 × x OIL plions, loss of use, or loss of profits incurred by client, its subsidiaries SLUDGE City: Fax #: State: P.O. #: OTHER Phone #: Attn: Company: Address: ACID/BASE ed by Cardinal within 30 days after completion of the applicable PRESERV. Wade Dittrich CHECKED BY ICE / COOL 5 ĸ ~ 5 any of the above sha ~ ĸ OTHER BILL TO 575-390-2828 Oxy USA Zip 125 22-2-6 9-2-22919 9-2-22917 22-2-6 816 22-2-6 80622.536 \$ 6-2.22907 9-2-22905 9-2-22906 DATE 22.22 SAMPLING Inc 915 504 All Results are emailed. 222 Turnaround Time: REMARKS: Verbal Result: TIME BJennings@ensolum.com  $\sim$ × χ X ĸ X TPH 8015 m × X х X X × X ĸ 8 χ X BTEK 8021b Yes Standard Please provide Email address X × ĸ ĸ × blorides 4500 X ĸ x × Χ O No ANALYSIS Add'l Phone Bacteria (only) Sample Condition REQUEST

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Cool Intact Ves Ves

Observed Temp. Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Relinquished By: Relinquished By service. In no event shall Ca analyses. All claims including those for negligence and any Delivered By: (Circle One) City: EASE NOTE: Sampler Name: Project Location: Project Name: 2 Project #:038 Phone #: 732 Project Manager: Company Name: BHOS Address: 8 57 50 8 FOR LAB USE ONLY 8 Lab I.D. 8 S 20 00 Midland 601 N. Marienfeld St. STE a many out of or related to the peri nal be liable for inc 1417054 Sample I.D. 1 (212) 333-2326 FAX (575) 393-2476 230 5-59 1-5- 54 FS- 60 FS- 59 2 15-52 2 HANE 65-57 FS-56 65- 85 Ensolum, LLC Ra 5 5 1 12466 N N 0 Dicc Observed Temp. cause whatsoever shall be deemed 400 Time: 1514 Date: 0 Time: 0 0 Sample Depth Date 0 0 0 0 0 Fax #: Project Owner: 0 State: 11 ١ 0.25 ١ 1 ï (foot) 4 5 25 20 N 25 der by 25 3 2 gr X without limitation, business inten Zip: Received By: Received By: 0 0 0 (G)RAB OR (C)OMP 0 rd 0× Ś waived i **# CONTAINERS** COAL GROUNDWATER 79701 unless made in writing and received by Cardinal 2 Cool Intact Sample Condition WASTEWATER MATRIX × 3 R × K × SOIL 5 5 × x OIL tions, loss of use, or loss of profits incun SLUDGE OTHER City: State: P.O. #: Phone #: Attn: Wade Dittrich Fax #: Address: Company: ACID/BASE upon any of the above state PRESERV CHECKED BY: 5 5 (initials) x ICE / COOL ~ 3 ĸ 5 OTHER BILL TO within 30 days 575-390-2828 Oxy USA, 0.56 22-2-6 P 9-2-22946 67622-2-6 22-2-6 9-2-22 940 8-2-2238 9-2-22536 9-2-22 934 9-2-22 Zip 84622-2-DATE ays after completion of the applicable red by client, its subsidiaries, SAMPLING and by the client Inc Turnaround Time: All Results are emailed. Please provide Email address: 242 REMARKS: Verbal Result: 523 BJennings@ensolum.com TIME for the  $^{\sim}$ × × X x ň 7 X × 9015 M Ves X × X x X x K x 8 х BI 90216 Standard X X K ĸ × × × x x × 4500 des ON D Add'l Phone #: ANALYSIS Bacteria (only) Sample Condition Cool Intact Observed Temp. Yes Yes Nc No Corrected Temp. REQUEST

Sampler - UPS - Bus - Other:

cted Tamp.

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

Thermometer ID #113

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## ARDINAL aboratories 101 East Marland, Hobbs, NM 88240 (575) 393-2376 EAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 99 of 101

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Project Manager:			P.O. #:	-			-
Address: 601 N. Marienfeld	ld St. STE 400		pany: Oxy USA,	Inc.			
City: Midland	State: TX	Zip: 79701	Attn: Wade Dittrich				
Phone #: 432 230	3344 Fax #:		Address:				
Project #: 038 14170	054 Project Owner:	T OKY	City:				
Project Name: B.g L	1.		State: Zip:		0		
Project Location: Edd	10		# 5	328	50		_
Sampler Name: SHANE	NE DILLER			-	4.		_
	-	MATRIX	ESERV.	SAMPLING	5		
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(D) F5-	63 .25.5	2 2	4-2	555	X		
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analyses. All claims locking those for negligance and any other seculative zensity (is any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the service. In no event shall Cardinal be liable for incidental or consequential damagee, including without limitation, business interruptions, loss of use, or loss of profils incurred by client, its subsidiaries, infiliates or successors arising out of or related to the performance of services harmonic hor forted in another business.	caronare ability and client's exclusive remedy for a regigence and any other cause whatsoever shall be or le for incidental or consequential damages, include https://www.common.org/ability.commons/ stated to the performance of services herewinder by C	<ul> <li>any claim arising whether based in contract or 1 decemed waived unless made in writing and re- ig without limitation, business interruptions, loss Cautional secondant, business</li> </ul>	t or tort, shall be limited to the amount paid by the cilent for the d received by Cardinal within 30 days after completion of the a cost of use, or loss of profits incurred by cilent, its subsidiaries	d by the client for the r completion of the applicable fient. Its subsidiaries,			
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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 100 of 101

Received by	<i>OCD</i> :	1/11/2023	10:34:29 AM
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N. Marienfeld St. STE 400			t: bany: Wade	r: Oxy USA, Inc.					
City: Midland State: TX	Zip: 79	79701 At	Attn: Wade Dittnon	ITTINCI					
Phone #: 432 230 3344 Fax #:		A	Address:					_	
Project #: 038 1417 054 Project Owner:	1 02	CY C	City:			-	_	0	0
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on: Edd		q	*	575-390-2828			5	5	5
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ms including these for negligence and any other cause whatsopver shall ent shall Cardinal be liable for incidental or consequental damages, inclu-	smed wale	ed unless made is writing and received to storn, business interruptions, loss of use	eceived by Cardinal within 30 as of use, or loss of profits incu hased upon any of the above	8 3 8	C Ba	ya atter compreson or the ap to by cliant, its subsidiarites, ated reasons or otherwise.	s subsidiaries, or otherwise		
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Jell C	Received B	Lod Rig	we	9	m m	BJennings( REMARKS:	BJennings@ensolum EMARKS:	Jennings@ensolum.com MARKS:	Jennings@ensolum.com MARKS:
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Sampler - UPS - Bus - Other: Corrected Tamp -							Turnaround Time:	ound Time: Standard	

Page 147 of 271

# 101 East Marland, Hobbs, NM 88240 C ratories

(575)	(575) 393-2326 FAX	FAX (575) 393-2476	6														DEDITEST	ST		
Company Name:	alum II C						8	BILL TO	10		ł			AN	ANALISIS		- CAOL		-	
					-	P.O. #:					_	_		_	_	_	_			
Address: 601 N. Marie	601 N. Marienfeld St. STE 400	ō				Company:		Oxy	Oxy USA, Inc						_					
City: Midland		State: TX	Zip:	79701		Attn:	Wade Dittrich	e Dittr	nich		_	_				_		_		
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0	128 -	25.5		0	×	-	S	2	-2-22	1050	×	×		-	+	+	+	-	-	-
-	F5-98	25-5		0	×	-	×	9	22-2-	1052	X	K	XX	-	+	+		-	-	-
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90 A	AS- 91	1.255	any diaim	any claim arising whether bes	A based in contract or fort, shall be limited to the am	t or fort, sh	gill be lim	and to the	amount paid	of paid by the client for the	a dolicable									
PIEASE NOTE: Labely and Chrangely. Cardinal's facility and clients exclusive small by dearing vision and universe inviting and neoled by Cardinal vision 30 days after completen of the explice analyzes. All claims including these for neglegence and any price cases whetehower shall be dearined vestices made invitings and neoled by Cardinal vision 30 days after completen of the explicit analyzes. All claims including these for neglegence and any price cases whetehower shall be dearined vestices interruptions, low of use, or less of profile source by claims, is underdanders, and/or. In one event that Cardinal is light for incidential or consequential damages, including vestical instance functions, incident claims interruption, low of use, or less of profile above stated reasons or observed.	Cardinal's fability and cli- negligence and any other able for incidental or conse	perts exclusive remoti to any cann werke werke neek in writing and received by Cardinal within 30 within a far completion of the cause whatbower what is be derived within mode in writing and received by Cardinal within 30 works by clerk to uncluding equantal damages, including without limitation, business interruptions, fore of two, or level foreithe incurred by clerk to uncluding equantal damages, including without limitation, business interruptions, fore of two, or level foreithe incurred by clerk to uncluding werkers, and the second sec	deemed g without	t ansing where it is a waived unless it is the second seco	nade in writing ar ess interruptions	Ibes of us	by Card	of profib of the at	n 30 days after a incurred by d bove stated rea	completion of the ent, its subsidiaries sons or otherwise	applicable						1			
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Sample Condition Ves Ves

> CHECKED BY: (Initials)

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Standard Rush

Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Ves Yes Ng No Corrected Temp. °C

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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)

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. Keine

Celey D. Keene Lab Director/Quality Manager



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



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

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Celey D. Keene, Lab Director/Quality Manager



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

### Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705		Project:   Project Number: ( Project Manager:   Fax To:		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.

### Cardinal Laboratories

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana		1417054	IGS		C	Reported: 18-Sep-22 15:	23
				2 0.25-0 052-01 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090714	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090628	ЛН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090628	ЛН	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	ЛН	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090628	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
DRO >C10-C28*	35.6		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			80.2 %	45.3	-161	2090606	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			93.1 %	46.3	-178	2090606	MS	07-Sep-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax FS - 9		1417054 UX JENNIN	IGS		C	Reported: 18-Sep-22 15:	23
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 by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090628	ЛН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090628	ЛН	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090628	ЛН	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090628	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090628	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
DRO >C10-C28*	<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



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax FS - 94	ger: BEA : To: 4 0.25-0	1417054 UX JENNIN	IGS		0	Reported: 18-Sep-22 15:	23
			H2240	052-03 (Se	oil)					
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 by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090628	ЛН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090628	ЛН	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	ЈН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.6 %	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			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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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax FS - 9		1417054 UX JENNIN	IGS		C	Reported: 18-Sep-22 15:	23
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	2090714	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by		QA <b>7</b> 1	1010	6 6				1		
Benzene*	<0.050	0021	0.050	mg/kg	50	2090628	ЛН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090628	Л	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090628	ЛН	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090628	ЛН	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*	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090606	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			71.6 %	45.3	-161	2090606	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			77.8 %	46.3	-178	2090606	MS	07-Sep-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax FS - 9		1417054 UX JENNIN	IGS		0	Reported: 18-Sep-22 15:	23
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	2090628	ЛН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090628	ЛН	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090628	ЛН	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	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090628	ЛН	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. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax <b>FS - 9</b>		1417054 UX JENNIN	NGS		C	Reported: 08-Sep-22 15:	23
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
				l Laborat						
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090628	ЛН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090628	ЛН	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	ЛН	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	ЛН	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			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, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax FS - 98		1417054 UX JENNIN	IGS		0	Reported: 18-Sep-22 15:	23
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	2090628	ЛН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090628	ЛН	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090628	ЛН	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	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			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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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax FS - 9	ger: BEA : To: 9 0.25-0	1417054 UX JENNIN	IGS		C	Reported: 18-Sep-22 15:	23
				052-08 (Se	)11)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds	22.0		16.0		4	2000719	10	07 8 22	4500 CL D	
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	ЛН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090628	ЛН	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090628	ЛН	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090628	ЛН	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090628	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			102 %	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*	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	

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 .UX JENNIN	IGS		0	Reported: 18-Sep-22 15:	23
			H224(	)52-09 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
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	ЛН	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	ЛН	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090628	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			100 %	69.9	-140	2090628	ЛН	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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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		C	Reported: 08-Sep-22 15:	23
			H224	052-10 (Se	oil)					
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	ЛН	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	ЛН	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090628	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090628	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	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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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax <b>FS - 1</b> (	ager: BEA To: 02 0.25-0	1417054 UX JENNIN	IGS		0	Reported: 18-Sep-22 15:	23
			H224	052-11 (So	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	021								
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 C	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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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		0	Reported: 18-Sep-22 15:	23
			H224	)52-12 (Se	oil)					
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			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, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax FS - 10	iger: BEA To: 04 0.25-0	1417054 UX JENNIN	IGS		C	Reported: 18-Sep-22 15:	23
			H224	052-13 (Se	oil)					
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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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fay		1417054 .UX JENNIN	IGS		C	Reported: 18-Sep-22 15:	23
				052-14 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	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			74.2 %	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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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fay		1417054 UX JENNIN	IGS		C	Reported: 18-Sep-22 15:	23
			H224	052-15 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	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	
<u>Petroleum Hydrocarbons by G</u>	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	

### **Cardinal Laboratories**

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax FS - 10	nger: BEA To: 07 0.25-0	1417054 UX JENNIN ).5''	IGS		C	Reported: 18-Sep-22 15:	23
			H224	052-16 (Se	oil)					
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	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			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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ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fay		1417054 UX JENNIN	IGS		C	Reported: 08-Sep-22 15:	23
			H224	052-17 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 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	))		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			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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ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		C	Reported: 18-Sep-22 15:	23
			H224	)52-18 (So	oil)					
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)			118 %	69.9	-140	2090629	JH/	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			69.7 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			79.0 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana		1417054	IGS		C	Reported: 18-Sep-22 15:	23
				l0 0.25-0 052-19 (So						
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	
		0021	10.0	iiig/kg	4	2090718	AC	07-3 <b>c</b> p-22	4500-61-0	
Volatile Organic Compounds by Benzene*	<0.050	8021	0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Toluene*	< 0.030		0.050	mg/kg	50 50	2090629	JH/	07-Sep-22 07-Sep-22	8021B 8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total Xylenes*	< 0.050		0.050	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	

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax	ager: BEA < To:	1417054 UX JENNIN	IGS		0	Reported: 08-Sep-22 15:	23
				1 0.25-0 052-20 (Se						
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	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			115 %	69.9	-140	2090629	JH/	07-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			51.7 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			57.1 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fay	ager: BEA (To:	1417054 UX JENNIN	IGS		C	Reported: 08-Sep-22 15:	23
				2 0.25-0 052-21 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds									4800 GL R	
Chloride	<16.0		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 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			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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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana		1417054	IGS		C	Reported: 8-Sep-22 15:	23
				13 0.25-0 052-22 (So						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			115 %	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			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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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		0	Reported: 08-Sep-22 15:	23
			H224	052-23 (Se	oil)					
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			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	

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		0	Reported: 18-Sep-22 15:	23
				052-24 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
<u>Inorganic Compounds</u> Chloride	48.0		16.0	mg/kg	4	2090718	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds b	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	
<u>Petroleum Hydrocarbons by G</u>	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			74.3 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			83.2 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana		1417054	IGS		C	Reported: 8-Sep-22 15:	23
				l 6 0.25-0 052-25 (So						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds					<u> </u>					
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)			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			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	

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: BIG WALT Reported: Project Number: 03B1417054 08-Sep-22 15:23 Project Manager: BEAUX JENNINGS Fax To: FS - 117 0.25-0.5''									23
				0.23-0 052-26 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090719	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			117 %	117 % 69.9-140			JH/	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			57.8 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			64.0 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: BIG WALT Reported: Project Number: 03B1417054 08-Sep-22 15:23 Project Manager: BEAUX JENNINGS Fax To: FS - 118 0.25-0.5''									23
			H224	052-27 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	2090719	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds h	oy 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)	Surrogate: 4-Bromofluorobenzene (PID)			120 % 69.9-140			JH/	07-Sep-22	8021B	
<u>Petroleum Hydrocarbons by G</u>	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	

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: BIG WALT Reported: Project Number: 03B1417054 08-Sep-22 15:23 Project Manager: BEAUX JENNINGS Fax To: FS - 119 0.25-0.5''									23
				052-28 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
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	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			62.8 %	45.3	-161	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			69.0 %	46.3	-178	2090607	MS	07-Sep-22	8015B	

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager
ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		C	Reported: 18-Sep-22 15:	23
				052-29 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds			160			2000510		05.0.00	4500 CL D	
Chloride	32.0		16.0	mg/kg	4	2090719	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090629	JH/	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			116 %	69.9	-140	2090629	JH/	07-Sep-22	8021B	
Petroleum Hydrocarbons by GO	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090607	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			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	

### **Cardinal Laboratories**

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		0	Reported: 18-Sep-22 15:	23
			H224	052-30 (Se	oil)					
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	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	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	

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax FS - 12	nger: BEA To: 2 0.25-0	1417054 UX JENNIN	IGS		C	Reported: 18-Sep-22 15:	23
			H224	052-31 (Se	oil)					
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	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	ЛН	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	ЛН	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	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			105 %	69.9	-140	2090630	ЛН	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			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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Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax FS - 12	ger: BEA : To: 23 0.25-0	1417054 UX JENNIN .5''	IGS		0	Reported: 18-Sep-22 15:	23
			H224	052-32 (Se	oil)					
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	ЛН	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	ЈН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			108 %	69.9	-140	2090630	ЛН	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			76.2 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			79.2 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax FS - 12		1417054 UX JENNIN	IGS		C	Reported: 8-Sep-22 15:	23
				052-33 (50	)11)					
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	v EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	ЛН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	ЛН	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090630	ЛН	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	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			111 %	69.9	-140	2090630	ЛН	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			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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ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		0	Reported: 18-Sep-22 15:	23
				052-34 (Se						
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	ЈН	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			116 %	69.9	-140	2090630	ЛН	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			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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ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		C	Reported: 18-Sep-22 15:	23
				)52-35 (Se						
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	ЛН	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	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			109 %	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			78.1 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			78.3 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax FS - 12		1417054 UX JENNIN	IGS		C	Reported: 18-Sep-22 15:	23
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 1	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	ЛН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	ЛН	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	ЛН	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			112 %	69.9	-140	2090630	ЛН	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

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax	ager: BEA (To:	1417054 UX JENNIN	IGS		C	Reported: 08-Sep-22 15:	23
				28 0.25-0 052-37 (Se						
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	ЛН	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			112 %	69.9	-140	2090630	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			78.2 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			80.6 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		C	Reported: 18-Sep-22 15:	23
			H224	052-38 (So	oil)					
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	ЛН	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	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			105 %	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			78.1 %	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

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		0	Reported: 18-Sep-22 15:	23
				0 0.23-0 052-39 (Se						
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	ЛН	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	ЈН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			111 %	69.9	-140	2090630	ЛН	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			85.8 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			87.4 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax FS - 13	ger: BEA To: 1 0.25-0	1417054 UX JENNIN	IGS		0	Reported: 18-Sep-22 15:	23
			H224	)52-40 (Se	oil)					
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	ЛН	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	ЛН	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	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

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		0	Reported: 18-Sep-22 15:	23
			H224	052-41 (Se	oil)					
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	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090630	ЛН	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	ЛН	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			112 %	69.9	-140	2090630	ЛН	07-Sep-22	8021B	
<u>Petroleum Hydrocarbons by G</u>	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			81.7 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			84.3 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		0	Reported: 18-Sep-22 15:	23
			H224	052-42 (Se	oil)					
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	2090630	ЛН	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	ЛН	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			106 %	69.9	-140	2090630	ЛН	07-Sep-22	8021B	
<u>Petroleum Hydrocarbons by G</u>	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	

### **Cardinal Laboratories**

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax FS - 13	ager: BEA (To: 34 0.25-(	1417054 UX JENNIN	IGS		C	Reported: 18-Sep-22 15:	23
			H224	052-43 (Se	oil)					
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	ЛН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	ЛН	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	ЛН	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			104 %	69.9	-140	2090630	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by GO	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			81.8 %	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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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		C	Reported: 8-Sep-22 15:	23
				052-44 (So						
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	ЛН	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	ЛН	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	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			104 %	69.9	-140	2090630	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			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



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax	iger: BEA To:	1417054 UX JENNIN	IGS		C	Reported: 08-Sep-22 15:	23
				6 0.25-0 052-45 (So						
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	ЛН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090630	ЛН	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090630	ЛН	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090630	ЛН	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090630	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			102 %	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*	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

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		C	Reported: 18-Sep-22 15:	23
				052-46 (Se						
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	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	ЛН	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	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			103 %	69.9	-140	2090630	ЈН	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
DRO >C10-C28*	<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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Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		C	Reported: 18-Sep-22 15:	23
				052-47 (Se						
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	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	ЛН	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	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			104 %	69.9	-140	2090630	ЛН	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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Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		C	Reported: 18-Sep-22 15:	23
			H224	052-48 (Se	oil)					
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	ЛН	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	ЛН	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



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		C	Reported: 08-Sep-22 15:	23
			H224	052-49 (Se	oil)					
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	ЛН	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	ЛН	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	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			103 %	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*	21.7		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			94.4 %	45.3	-161	2090618	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			96.4 %	46.3	-178	2090618	MS	07-Sep-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		C	Reported: 18-Sep-22 15:	23
			H224	052-50 (Se	oil)					
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	ЛН	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	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			108 %	69.9	-140	2090630	ЛН	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	

### **Cardinal Laboratories**

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Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		0	Reported: 18-Sep-22 15:	23
			H224	052-51 (Se	oil)					
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	ЛН	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	ЈН	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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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax FS - 14	ager: BEA (To: 43 0.25-(	1417054 UX JENNIN	IGS		C	Reported: 18-Sep-22 15:	23
			H224	052-52 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl 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	ЛН	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	ЛН	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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\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fay FS - 14	ager: BEA < To: 44 0.25-(	1417054 UX JENNIN	IGS		C	Reported: 18-Sep-22 15:	23
			H224	052-53 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090720	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	ЛН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090707	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			70.1 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			74.3 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	NGS		C	Reported: )8-Sep-22 15:	23
			H224	052-54 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Labora	tories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	2090720	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds 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 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			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	

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fay		1417054 UX JENNIN	IGS		C	Reported: 18-Sep-22 15:	23
				052-55 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090720	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			100 %	69.9	-140	2090707	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	43.7		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			87.0 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			104 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax FS - 14		1417054 UX JENNIN	IGS		C	Reported: 08-Sep-22 15:	23
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds Chloride	48.0		16.0	mg/kg	4	2090720	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	ЛН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	ЛН	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	ЛН	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	ЛН	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	ЛН	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*	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	

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		C	Reported: 08-Sep-22 15:	23
			H224	052-57 (Se	oil)					
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	ЛН	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	ЛН	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	ЛН	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	

### **Cardinal Laboratories**

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		C	Reported: 18-Sep-22 15:	23
			H224	952-58 (So	oil)					
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	ЛН	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	ЛН	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	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			100 %	69.9	-140	2090707	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			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	

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		C	Reported: 08-Sep-22 15:	23
			H224	052-59 (So	oil)					
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	ЛН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	ЛН	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	ЛН	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	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090707	ЛН	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	

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		C	Reported: 18-Sep-22 15:	23
			H224	052-60 (So	oil)					
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	ЛН	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	ЈН	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	

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax FS - 15		1417054 UX JENNIN ).5''	IGS		0	Reported: 08-Sep-22 15:	23
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	ЛН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	ЛН	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	ЛН	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	

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		0	Reported: 8-Sep-22 15:	23
			H224	052-62 (Se	oil)					
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	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	

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax FS - 15		1417054 UX JENNIN	IGS		0	Reported: 08-Sep-22 15:	23
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
				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	ЛН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	ЛН	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	ЛН	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	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090707	ЛН	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			88.6 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			92.5 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

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\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		C	Reported: 18-Sep-22 15:	23
				052-64 (Se						
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	ЛН	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	ЛН	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	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090707	ЛН	07-Sep-22	8021B	
<b>Petroleum Hydrocarbons by GC</b>	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	

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager


ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: BIG WALT Reported: Project Number: 03B1417054 08-Sep-22 15:23 Project Manager: BEAUX JENNINGS Fax To:									
				6 0.25-0 052-65 (So						
			11224	552-05 (50	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090721	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090707	JH	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090707	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*	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	

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		C	Reported: 18-Sep-22 15:	23
			H224	)52-66 (So	oil)					
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	ЛН	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	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			100 %	69.9	-140	2090707	ЛН	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			93.9 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			100 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax FS - 15	iger: BEA To: 58 0.25-0	1417054 UX JENNIN ).5''	IGS		0	Reported: 18-Sep-22 15:	23
			H224	052-67 (So	oil)					
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	ЛН	07-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090707	ЛН	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	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			<i>98.2 %</i>	69.9	-140	2090707	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			87.9 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			92.7 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		C	Reported: 18-Sep-22 15:	23
			H224	052-68 (Se	oil)					
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	ЛН	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	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090707	JH	07-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			83.5 %	45.3	-161	2090619	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			87.5 %	46.3	-178	2090619	MS	07-Sep-22	8015B	

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC       Project:       BIG WALT       Reported:         705 W WADLEY AVE.       Project Number:       03B1417054       08-Sep-22 15:23         MIDLAND TX, 79705       Project Manager:       BEAUX JENNINGS         Fax To:       FS - 160 0.25-0.5''         H224052-69 (Soil)										
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090721	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090707	ЛН	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	ЛН	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	ЛН	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	

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 .UX JENNIN	IGS		0	Reported: 08-Sep-22 15:	23
			H224	052-70 (Se	oil)					
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	ЛН	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	ЛН	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	ЛН	07-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.0 %	69.9	-140	2090707	ЛН	07-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			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	

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC       Project:       BIG WALT       Reported:         705 W WADLEY AVE.       Project Number:       03B1417054       08-Sep-22 15:23         MIDLAND TX, 79705       Project Manager:       BEAUX JENNINGS         Fax To:       FS - 61 0-0.25''         H224052-71 (Soil)										
			H224	052-71 (So	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090721	AC	07-Sep-22	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2090708	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	ЛН	08-Sep-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			75.8 %	45.3	-161	2090620	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			81.8 %	46.3	-178	2090620	MS	07-Sep-22	8015B	

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		C	Reported: 18-Sep-22 15:	23
				052-72 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds			160			2000521		07.0.00	4500 CL D	
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	ЛН	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	ЈН	08-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090708	JH	08-Sep-22	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090620	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctane			75.3 %	45.3	-161	2090620	MS	07-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			85.5 %	46.3	-178	2090620	MS	07-Sep-22	8015B	

## Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			Project Num Project Mana Fax		1417054 UX JENNIN	IGS		C	Reported: 8-Sep-22 15:	23
			H224	)52-73 (Se	oil)					
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	ЛН	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	ЛН	08-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			100 %	69.9	-140	2090708	ЈН	08-Sep-22	8021B	
<b>Petroleum Hydrocarbons by GC</b>	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	

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: BIG WALT Reported: Project Number: 03B1417054 08-Sep-22 15:23 Project Manager: BEAUX JENNINGS Fax To: FS - 164 0.25-0.5''									
				)52-74 (Se						
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	ЛН	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	ЈН	08-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090708	ЛН	08-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2090708	ЛН	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			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	

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC       Project: BIG WALT       Reported:         705 W WADLEY AVE.       Project Number: 03B1417054       08-Sep-22 15:23         MIDLAND TX, 79705       Project Manager: BEAUX JENNINGS       Fax To:         FS - 165 0.25-0.5''         H224052-75 (Soil)										
			H224	)52-75 (Se	oil)					
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	ЛН	08-Sep-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090708	JH	08-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			100 %	69.9	-140	2090708	ЈН	08-Sep-22	8021B	
Petroleum Hydrocarbons by 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	

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLCProject:BIG WALT705 W WADLEY AVE.Project Number:03B1417054MIDLAND TX, 79705Project Manager:BEAUX JENNINGSFax To:	Reported: 08-Sep-22 15:23	
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# **Inorganic Compounds - Quality Control**

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

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705		Reported: 08-Sep-22 15:23								
	Inor	ganic Com	-	•	Control					
		Cardin	ial Lab	oratories						
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	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 &	Analyzed:	07-Sep-22				
Chloride	416	16.0	mg/kg	400		104	80-120	3.92	20	

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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			
V	olatile Organic (	•	·	Method 8 oratories	8021 - Qu	ality Co	ntrol					
		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	7-Sep-22					
Benzene	ND	0.050	mg/kg		*	·						
Toluene	ND	0.050	mg/kg									
Ethylbenzene	ND	0.050	mg/kg									
Total Xylenes	ND	0.150	mg/kg									
Total BTEX	ND	0.300	mg/kg									
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		99.5	69.9-140					
LCS (2090628-BS1)				Prepared: (	)6-Sep-22 A	analyzed: 0	7-Sep-22					
Benzene	1.84	0.050	mg/kg	2.00	1	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					

Blank (2090629-BLK1)			Prepared: 06-Sep-22 Analyzed: 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

## Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705			BIG WALT 03B1417054 BEAUX JENNINGS					Reported: 08-Sep-22 15:23			
	Volatile Organic (	-	•	A Method 8 boratories	8021 - Qu	ality Co	ntrol				
		Reporting		Spike	Source		%REC		RPD		
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes	
Batch 2090629 - Volatiles											
Blank (2090629-BLK1)				Prepared: (	)6-Sep-22 A	Analvzed: (	)7-Sep-22				
Total BTEX	ND	0.300	mg/kg	r (	1	,	1				
Surrogate: 4-Bromofluorobenzene (PID)	0.0585		mg/kg	0.0500		117	69.9-140				
LCS (2090629-BS1)				Prepared: (	)6-Sep-22 A	Analyzed: (	)7-Sep-22				
Benzene	1.80	0.050	mg/kg	2.00	1	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				
n,p-Xylene	4.04	0.100	mg/kg	4.00		101	89.9-126				
o-Xylene	2.02	0.050	mg/kg	2.00		101	84.3-123				
Total Xylenes	6.05	0.150	mg/kg	6.00		101	89.1-124				
Surrogate: 4-Bromofluorobenzene (PID)	0.0570		mg/kg	0.0500		114	69.9-140				
LCS Dup (2090629-BSD1)				Prepared: (	)6-Sep-22 A	Analyzed: (	)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		
p-Xylene	1.93	0.050	mg/kg	2.00		96.3	84.3-123	4.59	14.1		
Total Xylenes	5.79	0.150	mg/kg	6.00		96.5	89.1-124	4.45	13.4		
Surrogate: 4-Bromofluorobenzene (PID)	0.0571		mg/kg	0.0500		114	69.9-140				
Batch 2090630 - Volatiles											
Blank (2090630-BLK1)				Prepared: (	)6-Sep-22 A	analyzed: (	)7-Sep-22				
Benzene	ND	0.050	mg/kg								
Foluene	ND	0.050	mg/kg								
Ethylbenzene	ND	0.050	mg/kg								
Fotal Xylenes	ND	0.150	mg/kg								
Total BTEX	ND	0.300	mg/kg								
Surrogate: 4-Bromofluorobenzene (PID)	0.0551		mg/kg	0.0500		110	69.9-140				

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: Project Number: Project Manager: Fax To:	Reported: 08-Sep-22 15:23
X		<b>1</b>

# 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 2090630 - Volatiles										
LCS (2090630-BS1)				Prepared: 0	6-Sep-22 A	Analyzed: 0	7-Sep-22			
Benzene	1.76	0.050	mg/kg	2.00		87.8	83.4-122			
Toluene	2.16	0.050	mg/kg	2.00		108	84.2-126			
Ethylbenzene	2.14	0.050	mg/kg	2.00		107	84.2-121			
m,p-Xylene	4.46	0.100	mg/kg	4.00		112	89.9-126			
o-Xylene	2.19	0.050	mg/kg	2.00		109	84.3-123			
Total Xylenes	6.65	0.150	mg/kg	6.00		111	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0547		mg/kg	0.0500		109	69.9-140			
LCS Dup (2090630-BSD1)				Prepared: 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 &	Analyzed:	07-Sep-22				
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0503		mg/kg	0.0500		101	69.9-140			

## **Cardinal Laboratories**

\*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705		Reported: 08-Sep-22 15:23								
V	olatile Organic C	-	-	Method 8 oratories		ality Co	ntrol			
		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2090707 - Volatiles										
LCS (2090707-BS1)				Prepared &	Analyzed:	07-Sep-22				
Benzene	1.98	0.050	mg/kg	2.00		98.8	83.4-122			
Toluene	1.95	0.050	mg/kg	2.00		97.5	84.2-126			
Ethylbenzene	1.93	0.050	mg/kg	2.00		96.7	84.2-121			
m,p-Xylene	4.02	0.100	mg/kg	4.00		101	89.9-126			
o-Xylene	1.91	0.050	mg/kg	2.00		95.6	84.3-123			
Total Xylenes	5.94	0.150	mg/kg	6.00		98.9	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0487		mg/kg	0.0500		97.5	69.9-140			

LCS Dup (2090707-BSD1)				Prepared & Anal	lyzed: 07-Sep-22	!			
Benzene	1.74	0.050	mg/kg	2.00	87.1	83.4-122	12.6	12.6	
Toluene	1.73	0.050	mg/kg	2.00	86.3	84.2-126	12.2	13.3	
Ethylbenzene	1.71	0.050	mg/kg	2.00	85.7	84.2-121	12.1	13.9	
m,p-Xylene	3.60	0.100	mg/kg	4.00	90.1	89.9-126	11.0	13.6	
o-Xylene	1.73	0.050	mg/kg	2.00	86.5	84.3-123	9.94	14.1	
Total Xylenes	5.33	0.150	mg/kg	6.00	88.9	89.1-124	10.7	13.4	BS-3
Surrogate: 4-Bromofluorobenzene (PID)	0.0493		mg/kg	0.0500	98.6	69.9-140			

# Batch 2090708 - Volatiles

Blank (2090708-BLK1)				Prepared: 07-Sep-22 Analyzed: 08-Sep-2	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)	0.0501		mg/kg	0.0500 100 69.9-1	40

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project Number:	BIG WALT 03B1417054 BEAUX JENNINGS	Reported: 08-Sep-22 15:23
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# Volatile Organic Compounds by EPA Method 8021 - Quality Control

# **Cardinal Laboratories**

		D d		<b>G</b> "	6		MADEC		DDD	
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2090708 - Volatiles										
LCS (2090708-BS1)				Prepared: 0	07-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			

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705		Project Nu Project Ma	umber: (	BIG WALT 03B1417054 BEAUX JENN					Reported: Sep-22 18	5:23
	Petroleum l	•	•	GC FID - Q oratories	Quality C	ontrol				
Angline	Result	Reporting Limit	Units	Spike	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Kesuit	Liinit	Units	Level	Kesult	70KEC	Limits	KPD	Limit	Inotes
Batch 2090606 - General Prep - Orga	nics									
Blank (2090606-BLK1)				Prepared: 0	6-Sep-22 A	nalyzed: 0	7-Sep-22			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	38.6		mg/kg	50.0		77.1	45.3-161			
Surrogate: 1-Chlorooctadecane	42.3		mg/kg	50.0		84.6	46.3-178			
LCS (2090606-BS1)				Prepared: 0	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: 0	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 - Orga	nics									
Blank (2090607-BLK1)				Prepared: 0	6-Sep-22 A	nalyzed: 0	7-Sep-22			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	34.6		mg/kg	50.0		69.2	45.3-161			
Surrogate: 1-Chlorooctadecane	37.8		mg/kg	50.0		75.6	46.3-178			

#### **Cardinal Laboratories**

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705		Project Nu Project Ma	umber: (	3IG WALT )3B1417054 3EAUX JENN					Reported: Sep-22 1	5:23
	Petroleum 1	•	•	C FID - Q oratories	Quality C	ontrol				
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Result	Liiiit	Units	Level	Kesun	70KEC	Linits	KFD.	Liiiit	Notes
Batch 2090607 - General Prep - Organics	1									
LCS (2090607-BS1)				Prepared: 0	6-Sep-22 A	nalyzed: 0	7-Sep-22			
GRO C6-C10	185	10.0	mg/kg	200		92.6	76.8-124			
DRO >C10-C28	159	10.0	mg/kg	200		79.4	74.9-127			
Total TPH C6-C28	344	10.0	mg/kg	400		86.0	77.5-124			
Surrogate: 1-Chlorooctane	41.0		mg/kg	50.0		82.1	45.3-161			
Surrogate: 1-Chlorooctadecane	45.1		mg/kg	50.0		90.1	46.3-178			
LCS Dup (2090607-BSD1)				Prepared: 0	6-Sep-22 A	nalvzed: 0	7-Sep-22			
GRO C6-C10	198	10.0	mg/kg	200	- 1	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	1									
Blank (2090618-BLK1)				Prepared: 0	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	38.2		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: 0	6-Sep-22 A	nalyzed: 0	7-Sep-22			
GRO C6-C10	184	10.0	mg/kg	200		92.0	76.8-124			
DRO >C10-C28	178	10.0	mg/kg	200		88.8	74.9-127			
Total TPH C6-C28	362	10.0	mg/kg	400		90.4	77.5-124			
Surrogate: 1-Chlorooctane	43.3		mg/kg	50.0		86.5	45.3-161			
Surrogate: 1-Chlorooctadecane	43.8		mg/kg	50.0		87.7	46.3-178			

# Cardinal Laboratories

## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705		Project Nu Project Ma	umber:	BIG WALT 03B1417054 BEAUX JENN					Reported: Sep-22 1	5:23
	Petroleum	Hydrocarbo	ons by	GC FID - Q	Quality C	ontrol				
		Cardir	nal Lal	ooratories						
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2090618 - General Prep - Organi	cs									
LCS Dup (2090618-BSD1)				Prepared: 0	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 - Organi	cs									
Blank (2090619-BLK1)				Prepared: 0	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: 0	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			
			mg/kg	50.0		98.6	46.3-178			
0	49.3									
Surrogate: 1-Chlorooctadecane	49.3			Prepared: 0	6-Sep-22 A	nalyzed: 0	7-Sep-22			
Surrogate: 1-Chlorooctadecane LCS Dup (2090619-BSD1)	49.3	10.0	mg/kg	Prepared: 0 200	6-Sep-22 A	nalyzed: 0 94.3	7-Sep-22 76.8-124	3.79	17.2	
Surrogate: 1-Chlorooctadecane LCS Dup (2090619-BSD1) GRO C6-C10 DRO >C10-C28		10.0	mg/kg mg/kg	*	96-Sep-22 A			3.79 5.34	17.2 18.6	
Surrogate: 1-Chlorooctadecane LCS Dup (2090619-BSD1) GRO C6-C10 DRO >C10-C28	189			200	96-Sep-22 A	94.3	76.8-124			
Surrogate: 1-Chlorooctadecane LCS Dup (2090619-BSD1) GRO C6-C10	189 200	10.0	mg/kg	200 200	96-Sep-22 A	94.3 100	76.8-124 74.9-127	5.34	18.6	

## **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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
	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 2090620 - General Prep - Organics										
Blank (2090620-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	39.8		mg/kg	50.0		79.6	45.3-161			
Surrogate: 1-Chlorooctadecane	44.0		mg/kg	50.0		88.0	46.3-178			
LCS (2090620-BS1)				Prepared: (	)6-Sep-22 A	analyzed: 0	7-Sep-22			
GRO C6-C10	195	10.0	mg/kg	200		97.6	76.8-124			
DRO >C10-C28	167	10.0	mg/kg	200		83.7	74.9-127			
Total TPH C6-C28	363	10.0	mg/kg	400		90.7	77.5-124			
Surrogate: 1-Chlorooctane	46.4		mg/kg	50.0		92.7	45.3-161			
Surrogate: 1-Chlorooctadecane	50.3		mg/kg	50.0		101	46.3-178			
LCS Dup (2090620-BSD1)				Prepared: (	)6-Sep-22 A	analyzed: 0	7-Sep-22			
GRO C6-C10	191	10.0	mg/kg	200		95.5	76.8-124	2.17	17.2	
DRO >C10-C28	179	10.0	mg/kg	200		89.4	74.9-127	6.53	18.6	
Total TPH C6-C28	370	10.0	mg/kg	400		92.4	77.5-124	1.94	17.6	
Surrogate: 1-Chlorooctane	42.7		mg/kg	50.0		85.4	45.3-161			
Surrogate: 1-Chlorooctadecane	49.9		mg/kg	50.0		99.8	46.3-178			

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celey D. Keine

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 SM4500CI-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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

# rator E S

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Page 92 of 99

TORM-DO	Sampler - UPS -	Delivered By: (	Relinquished By:	Relinquished B	analyses. All claims includ service: in no event shall ( affiliates or successors arts	dh	0	~	1	6	ູ	F	w	ىع		50500	Lab-I.D.	
5 K 3.2 10/07/21	Bus - Other:	(Circle One)	W:	Bill	ang those for negligence and a pardinal be liable for incidental ang out of or related to the perf	101-54	F5- 100	125- 0g	FS 98	FS-97	65-96	15-95	46-51	FS-93	FS- GE		Sample I.D	
	Cor	0.			r consequi	and client										_		

Company Name:	Ensolum, LLC				BILL TO			-	MINICI DIO INCROLO	
Project Manager:				P.O. #:			_	_		
Address: 601 N	601 N. Marienfeld St. STE 400	400		Company:	ny: Oxy USA, Inc	0		_		_
ā		State: TX Z	Zip: 79701	Attn:	Wade Dittrich					
Phone #: 432	455 052	YFax #:		Address:	9			_		_
5	1417054	Project Owner:	OKY	City:				0		
ame:	2			State:	Zip:			00		_
S .	Ell			Phone	#: 575-390-2828	00		43		_
Complet Name	CHANE D	116658		Fax #:		5	21	-		_
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PLEASE NOTE: Liability and analyses. All claims including	and Damages, Cardinal's liability and client's exclusive deg those for negligence and any other cause whateo	client's exclusive r mr cause whatsom	t max	/	30 d	ays after completion of the applicable red by client, its subsidiarites,	loable			
service. In no event shall Ca affiliates or successors artisin	icce. In no event shall Cardinal be liable for incidential or con lates or successors arising out of or related to the performa	lo acu	211	uch claim is based up	112	Verbal Result:		es 🗆 No	Add'I Phone #:	
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Relinquished By	- 2	Date:	Received By:	rendu	d	REMARKS:				
		Time:								Sample Conditio
Delivered By: (Circle One)	ircle One)	Openny Temp. "	20	Sample Condition	(Initials)	Turnaround Time:		Rush	Cool Intact	Cool Intact Observed Temp. "C
	Sampler - UPS - Bus - Other:	Corrected Temp. "S		FR	SIL	Thermometer ID Correction Faste	#113	-10. 11 º	No No	Corrected Temp. °C

# 101 East Marland, Hobbs, NM 88240 ratories

	(575) 393-2326 FAX (575) 393-2476	X (575) 393-247	0							ANALVEIS DEDIJEST	
Company Name:	Ensolum, LLC					BILL TO	+	-	+	ANALI DIO INCLUTO:	
Project Manager:				9	P.O. #		_	_			_
Address: 601 N	601 N. Marienfeld St. STE 400	00		0	Company: 0	Oxy USA, Inc.					_
City: Midland		State: TX Z	Zip:	79701	Attn: Wade Dittrich	Dittrich					
Phone #: 432	4752 062	Fax #:			Address:				_		
	1417054	Project Owner:	0	OKY	City:				0		
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Project Name:	Dig Walt				*	575-390-2828		6	15		
Project Location:	Eddy Co			-	Phone #:			15	4		_
Sampler Name:	SHANE D	ICC45R		-	Fax #:		15	21			_
	0.00		-	MATRIX	PRESERV.	SAMPLING	21	30	is		_
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	FS-10-5	25-5		C X	X	181122-2-6	X	×	< ×		
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PLEASE NOTE: Liability an analyses. All claims include service. In no event shall C	PEASE NOTE: Labelity and Damages. Candrain's labelity and claim's exclusive remotily for any claim areany whether based in contract or text, anali be limited to the amount paid by the client for the precise All claims. All claims the for incidence and any other cause whethere what be deemed watered whether based by Cardinal within 30 days after completion of the applicable provide. In no event shall Cardinal be limited to incidental or consequential damages, including without limitation, busivess tetrimiptions, inclusion and or the trade teasons or otherwise.	clant's exclusive remody for an in cause whatsoever shall be d sequental damages, including	eemed without	sability and client's exclusive remotify or any claim aniang weather based in contract or text, anali be imited to the and any other cause whatevener shall be deemed waived unless made in writing and received by Cardinal within Jonal or consequential damages, including without limitation, busivess trainingloors, now any of the above of politics in the state of the	or tort, shall be limited I received by Cardinal one of use, or loss of p	10 the amount paid by the client for the wathin 30 days after completion of the a profits incurred by client, its subsidieries, hs above sated reasons or otherwise.	the spplicab ies.	8			
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Sh.	Thell	Time		Slank	grie	BJennings@ensolum.com	gs@en	solum.	com		
Relinquished By:	×.	Date:	Ree	Received By:		C REMARKS:	\$				

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

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

> Observed Time:

N č

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Cool Intact Sample Condition

> CHECKED BY (Initials)

Turnaround Time: mometer ID #113

Standard Rush 0. 00

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

-0.5°C

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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East Marland, Hobbs, NM	to
MN	7. 7.
88240	PSF

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Page 94 of 99

Company Name:			BILL TO		ANALYSIS REQUEST
Project Manager:		P.0.	0. 株		
Address: 601 N. Marienfeld St.	t. STE 400	Co	Company: Oxy USA, Inc.		
lidland	State: TX	Zip: 79701 Attn:	n: Wade Dittrich		
0#: 432 230			Address:		
:038141705	4 Project Owner:	OKY City:	Å	0	
Bal	1	St	State: Zip:	00	
on: Eddy	6	Ph	Phone #: 575-390-2828	5	
Sampler Name: SHANE	DILLER	Fa	Fax #:	5	
000			PRESERV SAMPLING	801 801 800	
Lab I.D. Sample I.D.	I.D. Sample Depth	(G)RAB OR (C)( # CONTAINERS GROUNDWATE WASTEWATER SOIL OIL SLUDGE OTHER :	ACID/BASE: ICE / COOL OTHER :	TPH BTEX	
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PLEASE NOTE: Liability and Damages. Cardinal's snalyees. All claims including those for negligence	dient's	aim ariting whether based in contrac ned waived unless made in writing an out timitation business internutions.	mitted to the amo dinal within 30 da s of profils incum	unt paid by the client for the applicable ya after completion of the applicable ed by client, its autopicaries.	
Relinquished By:	nce of services herew	218	used upon any of the above stated real	Verbal Result:  Yes Virbal Result:  Yes Verbal Results are emailed.  Pie	Verbal Result:  Yes No Add'! Phone #: All Results are emailed. Please provide Email address:
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	Time:				
0	Observed Tamp "S	SO.7 Cool Intact	(Initials)	Turnaround Time: Sta Thermometer ID #113	Standard Seateria (only) Sample Condition Rush Cool Infact Observed Temp. °C
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# 101 East Marland, Hobbs, NM 88240 oratories

(575) 39	(575) 393-2326 FA	FAX (575) 393-2476												TALEOT
Company Name: Ensol						8	BILL TO					ANALISIS		NEWOLO:
Project Manager:					P.O.	*				-	_		-	
Address: 601 N. Manienfeld St.	STE	400			Com	Company:	Oxy USA, Inc.						_	
City: Midland		State: TX Z	Zip:	79701	Attn:		Wade Dittrich			_	_	_		
0# 437 23	A 758 0	Fax #:			Address:	853					_			
111 850	054	Project Owner:	X	XX	City:					-	0		_	
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Project Name: D.9 4	10000				pho	*	575-390-2828		_		5		_	
Project Location: Ed.	4 6				Phone #:		010 000		-	15	4		_	
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20	5 A B	125-15	0		×	X	9-2-24	1153	×	x	×		+	
100 64-		. 25 - 5	0		X	×	22-2-55	1154	×	×	7	F	F	
PLEASE NOTE: Liabitity and Damages Candinal's fabil analyses. All claims including those for negligions and	Cardinal's liability and egligence and any off	client's exclusive remedy for any claim ar cause whateoever shall be deemed	y claim art semed wa	edy for any claim arising whether shall be deemed waived unless i including without limitation, busin	based in contract or fort, made in writing and receiv ess interruptions, loss of	shall be Smi red by Cardle use, or loss	If be limited to the amount paid by Cardinal within 30 days after or loss of profils incurred by cli	unt paid by the client for year ays after completion of the a red by client, its subsidiaries.	the applicable arises.					
affliates or successors arising out of or related to the perfor Relinquished By:	ated to the performan	Date:	Rece	Received By:	whether such claim is based upon any of the ab V/:	d upon any	ove stated rea	Verbal Results are	esult: ts are en	D Yes	Please pro	Add"	All Results are emailed. Please provide Email address:	15:
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Sampler - UPS - Bus - Other:	ther:	Corrected Tamp. "C	50	10	Ves Ves	K	R	Thermometer ID Correction Facto	î m	#113	0.102		No	No No Corrected Temp. °C

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Page 95 of 99

Laboratories	CHAIN-OF-CUS	CHAIN-OF-CUSTODY AND ANALYSIS RE
101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		
Company Name:	BILL TO	ANALYSIS REQUEST
Project Manager:	P.O. #:	
601 N. Marienfeld St. STE 400	Company: Oxy USA, Inc.	
City: Midland State: TX Zip: 79701	Attn: Wade Dittrich	
Phone #: 432 230 3344 Fax #:	Address:	
Project #: 0381417054 Project Owner: OXY	City:	0
Privat Nama: B. a Walt	State: Zip:	01
	Phone #: 575-390-2828	43
Sampler Name: SHANE DILLER		
01000	MATRIX PRESERV SAMPLING	5
R		10
Lab I.D. Sample Depth RAB OR (C)OM CONTAINERS ROUNDWATER ASTEWATER	ASTEWATER DIL LUDGE THER : CID/BASE: SE / COOL THER : THER : TPH	Chlori

hone #: 432 230 334	YFax #:		Address:				_
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roject Name: B. a Walt			State: Zip:		00		_
9			Phone #: 575-390-2828		943		
SHANE	DICCER		1	15			_
FOR LAB USE ONLY	0115	S ER	PRESERV	80.	, des		
Lab I.D. Sample I.D.	Sample Depth	G)RAB OR (C) CONTAINER GROUNDWATI WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER : DATE	TPH	Chlo-		
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49 65-140	1255	C X	4 n	1202 X X	××		
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Relinquished By:		Received By:	in based upon any of the above stated real	All Results are emailed. Ple BJennings@ensolum.com	Yes INO Add'I Phone #: Ied. Please provide Email address: un.com	ne 种: ddress: ·	
Relinquished By:	Date:	Received By:	. O	REMARKS:			
Delivered By: (Circle One)	Observed Temp. 2	To Sample Condition	tion CHECKED BY:		Standard No.	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C	
Sampler - UPS - Bus - Other:	Corracted Tamp. "9		3	Thermometer ID #113 Correction Factor 0.5°C	· O.V.C B	No No Corrected Temp. °C	

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

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Released	to Ima	iging:	3/20/	2023 2:	02:20	PM

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Page 96 of 99

YSIS REQUEST

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

BILL TO

ANALYSIS

REQUEST

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Page 97 of 99

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Project Manager: Project #: 038 1417054 Sampler Name: Project Location: Project Name: Phone #: 1224055 Relinquished By Relinquished By: renvice. In no event shall inalyzes, All claims FOR LAB USE ONLY Lab I.D. EASE NOTE: Liability a 23 54 30 3 R 8 Midland 432 601 N. Marienfeld St. STE 400 ding those for neglige 3 SHANE Sample I.D. 3 Ensolum, LLC FS-143 FS-142 22 FS- 149 PS-148 F5-147 be liable for incidental FS-150 F5-146 ES-145 441-52 30 151 00 100 voe and any 3344 Fax #: S 0 100 Project Owner: Sample Depth Time: BI4 State: J.J.Jo Date: Time: tal damages, includ 25.5 25. 25. 25% 25-25-25-25. 25. ices nereunder by Ca 12 3 Heat x . X shall be Zip: (G)RAB OR (C)OMP Received By: Received By: 20 # CONTAINERS n 2 10 0 0 waived unless made in writing and recinvitation, business init 79701 GROUNDWATER WASTEWATER MATRIX SOIL ĸ × × r, ×  $\mathcal{R}$ × KK A OIL daim is based upon any of the above stated SLUDGE P.O. #: City: 1 Fax #: Attn: Company: Phone #: State: OTHER Address: s of use, eived by Cardinal within 30 days ACID/BASE PRESERV. Wade Dittrich ICE / COOL ĸ × × × 5 ĸ × 1 loss of profits incu OTHER Oxy USA, 575-390-2828 Zip 10 11 1 D 2 4-2-221204 2 a 3 9-2-22 5 3 22-21 DATE 22-2-802122-2-22-2-22-2-22-2 2-261209 SAMPLING .221210 ed by client, its subsidiaries. Inc after place by the client 1203 1207 Verbal Result: 1205 1205 completion of the applicable 1208 1206 All Results are emailed. REMARKS: TIME BJennings@ensolum.com 8015 X X ĸ × X X × Z  $\geq$ × K х × K X X ĸ 80216 x X К Yes 4500 Please provide Email address: X des 5 × × x ĸ K ĸ 10-X × O No Add'I Phone #: .

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Observed I amp. 2075 Sample Condition Ves Yes 000 Intact CHECKED BY (Initials) Turnaround Time: mometer ID #113 Standard 20

Cool Intact

Ves Yes

Corrected Temp. °C Observed Temp.

Bacteria (only) Sample Condition

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Sampler - UPS - Bus - Other:

\$428 d

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Delivered By: (Circle One)

+ Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com City:

Address:

Page 245 of 271

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ŀ			BILL TO		ANA	ANALYSIS REQUEST	IST
Project Manager:	LC	P.O.	井		_		
Address: 601 N. Marienfeld St. STE 400	t. STE 400	Con	Company: Oxy USA, Inc.				
City: Midland	State: TX Zip:	o: 79701 Attn:	Wade Dittrich				
a# 432 230 3	344 Fax #:	Add	Address:				
:038141	<pre>4 Project Owner:</pre>	OKY City:	a		0		
Bal	1	State:	te: Zip:		00	_	
in Edd	0	Pho	Phone #: 575-390-2828			_	
	DILLE	Fax #:	*	5	_	_	
FOR LAB USE OWLY	DICOSK	MATRIX	PRESERVI SAMPLING	6 3013	902 les		
Lab I.D. Sample I.D.	I.D. Sample Depth	CONTAINERS BROUNDWATER WASTEWATER SOIL DIL SLUDGE DTHER :	CE / COOL OTHER :	TIME TPH 8	BTEX Chloria		
10 65- 152	.25.5	0	X 9.2-22 1	× 112	x		
2	_	~	122.2.6 ×	213 X	××		
		× >	122-2-6 X	× 412	X		
15-		C 4	K 9-2-2-1	215 ×	XX		
-53	6 35-5	C ×	122-2- 5 X	216 X	×	-	
.Fs-	7 .25.5	C ×	122-2-6 3	216 X	-		
67 5-158	8 25-5	C X	122-2-6 X	217 ×	XXX		
-	552. 65	< x	× 7.2-2.1	× 812	x n		
-	252, 0	C X	× 9-2-261		+	-	
70 55-161	1 .25 - 5	CX	2.	1220 ×	XIXI		
PLEASE NOTE: Liability and Damages. Cardinar's liability a analyses. All claims including those for negligence and any	rafts liability and client's exclusive remody for any di noe and any other cause whateoever shall be deen holdered or commentation demanant including with	aim ansing whether based in or wed waived unless made in writ out imitation, business internup	dinjal within 30 dar a of profits incurre	ys after completion of the applicable of by client, its subsidiaries.			5
affiliates or successors arising out of or related to the Dollar and the body by the body	mance of services hereunder by Can Date:	inal, regardless of whether such daim is bar Received By:	and upon any of the above stated reaso	Verbal Result:	Ves No Ad	Add'l Phone #:	
Relinquished By:	124	Slocking Received By:	Juny	All Results are emaile BJennings@ensolum REMARKS:	All Results are emailed. Prease provide Linear economy BJennings@ensolum.com REMARKS:	Citizen anno 1999.	
	Time:					1	Samala Condition
(Circle O	Observed Temp 30	Sample Cor Cool Inta	CHECKED BY:	Turnaround Time: Themometer ID #1	Rus Sta		Bacteria (oniy) Sample Condition Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. Sc	No I No	Tamp: SO. P. Trest Tes Of Correction Factor DSC	orraction Factor	are O. Ur	I NG NO	Corrected Temp. "C

R Page 98 of 99

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



E S

101 (5 Company Name:	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 	4, Hobbs, NM 88 FAX (575) 393-:	3240 2476	BILL TO		ANALYSIS REQUEST	
	Beaux Ser	Servings		P.O. #:			
Address: 601	ŝ	tell st. Suite	te 400	company: OKy USH,	A, inc		
city: Midland			Zip: 79701		Dittrich		
**	30-3344	Fax #:		Address:			
Project #: 03B1417054	412054	Project Owner:	er:	City:			
Project Name: Br	's walt			State: Zip:			
0	n: Eddy Comby	4		#: 575-	3910-2828		
Sampler Name:	Shome Diller	ler		Fax #:			_
FOR LAB USE ONLY		Depth	ATER	PRESERV. SAN	8015 8021 103		
Lab I.D.	Sample I.D.		OIL	SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : DATE	TIME TPH BTEX Chloric		
1	FS-61	0-0.25	01		951 X X		
2 2 2 2	F5-162	0.25-5	C I X	X 9/422	4/1122/ X X X X X X 122/ 4/10		
74	F5-164	.255	с -		X X 5221		
15	FS-165	.265	с ?	X 9/1/12	X X h221		
	NEE	9/2/22	501				
PLEASE NOTE: Liability and Damages. Cardnai's lability and client's efficiusive remedy for any claim nanayees. All claims including those for negligence and any other cause whatsoewer shall be deemed service: In no event shall Cardinal be liable for incidential or consequential damages, including willhout affiliates or successors arisino out of or related to the performance of services hereunder by Cardinal.	nd Damages. Cardinal's liability and ing those for negligence and any othe ardinal be liable for incidental or com ino out of or related to the performan	client's etclusive ramedy for any c er cause whatsoever shall be dee sequental damages, including wil ce of services hereunder by Card	arising waived limitatic	arising whether based in contract or rort, shall be limited to the amount pa www.du unless made in writing and received by Cardinal within 30 days all limitation, business interruptions, loss of use, or loss of profits incurred by recardless of whether such claim is based upon any of the above stated n	unt paid by the client for the ty after completion of the applicable rd by client, its subaidarives, ted reasons or otherwise.		
hed B	110	Time:	Receive		2<	Add'I Phone #: ovide Email address:	
Relinquished By:	000	Date:	Received By:	funct of	REMARKS:		
		11110.				ß	
Sampler - UPS - Bus - Ot	her:	Corrected Temp. °C	Cool Int	I Yes (Initials)	Thermometer ID #113 Correction Factor -0.8°C -0.4 (1.6)	☐ Bacteria (only) Sample Condition ☐ Cool Intact Observed Temp. °C ☐ Ves Yes ☐ Nc Nc Corrected Temp. °C	

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

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October 04, 2022

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

RE: BIG WALT

Enclosed are the results of analyses for samples received by the laboratory on 09/29/22 15:13.

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

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	09/29/2022		Sampling Date:	09/29/2022
Reported:	10/04/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	Cool & Intact
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

# Sample ID: FS - 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 %	6 46.3-17	8						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	09/29/2022		Sampling Date:	09/29/2022
Reported:	10/04/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	Cool & Intact
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

#### Sample ID: FS - 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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	81.6 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.4 9	46.3-17	8						

## **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:	EAUX JENNINGS 05 W WADLEY AVE. IIDLAND TX, 79705					
Received:	09/29/2022		Sampling Date:	09/29/2022				
Reported:	10/04/2022		Sampling Type:	Soil				
Project Name:	BIG WALT		Sampling Condition:	Cool & Intact				
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez				
Project Location:	OXY - EDDY, CO.							

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

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	106 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	122 9	% 46.3-17	8						

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

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	101 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	117 %	6 46.3-17	8						

## **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	09/29/2022		Sampling Date:	09/29/2022
Reported:	10/04/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	Cool & Intact
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	89.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103 9	% 46.3-17	8						

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

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	207	104	200	0.378	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	105 %	45.3-16	1						
Surrogate: 1-Chlorooctadecane	124 %	46.3-17	8						

## **Cardinal Laboratories**

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager


		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	09/29/2022		Sampling Date:	09/29/2022
Reported:	10/04/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	Cool & Intact
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

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

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	09/29/2022		Sampling Date:	09/29/2022
Reported:	10/04/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	Cool & Intact
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

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

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*	70.3	10.0	10/01/2022	ND	211	106	200	0.437	
EXT DRO >C28-C36	16.5	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	141 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	171 9	46.3-17	8						

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

TPH 8015M	mg/	kg	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

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	09/29/2022		Sampling Date:	09/29/2022
Reported:	10/04/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	Cool & Intact
Project Number:	03B1417054		Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY, CO.			

#### Sample ID: FS - 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	Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 %	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	182 %	6 46.3-17	8						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### **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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

aboratories       101 East Marland, Hobbs, NM 88240       (575) 393-2326 FAX (575) 393-2476       Englishing LUC       Englishing Sample LD.       BIHI 70 SY       Project Owner: OXy       Big Ward Bar State: X 200       Sample LD.       Big Ward Bar State       Big Ward Bar State: X 200       FS - R       <	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Ves Yes Nc No Corrected Temp. °C	Rush	Turnaround Time: Thermometer ID #113 Correction Factor -0.5°C	CHECKED BY: Tu (Initials) Th Co	Sample Condition Cool Intact Yes Yes No No No	0.0°C	Corrected Temp. °C 0.0°	e One) s - Other: <u>5.2 10/07/21</u>	Sampler - UPS - Bus - Ott	
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aboratories       Mariand, Hobbs, NM 88240         (17) East Mariand, Hobbs, MM 82400	"I Phone #: mail address:	S INO Add' Please provide Er	erbal Result:		ed By:	Ø	Date:		telinquished By:	
CHAIN-OF         East Mariand, Hobbs, NM 88240         For Solution 1000 NM For X         Blue 100         Solution 1000 NM For X         Project Owner: OXy       Clip: 1000 NM For X         Solution 1000 NM For X         For Solution 1000 NM For X         For Solution 1000 NM For X         Solution 111       Clip: 1000 NM For X         Solution 1000 NM For X			-	e, or loss of profits incurred by client upon any of the above stated reasor	m, business interruptions, loss of us ess of whether such claim is based	uding without limitation by Cardinal, regard	toe of	al be liable for incidental or at of or related to the perform	rvice. In no event shall Cardin filiates or successors arising ou	
CHAIN-OF           CHAIN-OF           CHAIN-OF           CHAIN-OF           CHAIN-OF           CHAIN-OF           Sample ID           Sample ID           Sample ID           Sample ID           Sample ID           Sample ID           Charles           Sample ID           Chare           Chare		-		hall be limited to the amount paid by d by Cardinal within 30 days after co	whether based in contract or tort, si unless made in writing and received	claim aris	nd client's exclusive remedy i other cause whatsoever shall	amages. Cardinal's liability a ose for negligence and any	PLEASE NOTE: Liability and Da analyses. All claims including th	
CHAIN-OF         CHAIN-OF         CHAIN-OF         CHAIN-OF         Sample I.D.         Sample I.D.         Chains Sample I.D.         Chains Sample I.D.         Sample I.D.         Sample I.D.         Colspan="2">Sample I.D.         Colspan="2">Company: CVU (SP, inc.         Company: CVU (SP, inc. <td></td> <td></td> <td>1204 ×</td> <td>× 9/24/27</td> <td>×</td> <td>0</td> <td>31</td> <td>FS-82</td> <td>10</td>			1204 ×	× 9/24/27	×	0	31	FS-82	10	
CHAIN-OF         IOT East Mariand, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476         Bany Name:       Buny Name:       Charles Colspan="2">Charles Colspan= 200       Charles Colspan= 200       Charles Colspan= 200       Charles Colspan="2"			1202 X	× 9/29/27	X	CI	3	Fr - 24	9	
CHAIN-OF         TOT East Mariand, Hobbs, NM 88240         (575) 332-2276         Bany Name:       Ford of the foregoes of			X 0511	K 9/29/22	X	C 1	~	1.	00	
Laboratories       CHAIN-OF         101 East Marland, Hobbs, NM 88240 (575) 393-2236 FAX (576) 393-2476       BILL 70         Endedicent LLC       PICI Attraction of the set of the			1138 X	9	×	1 2	1 11	1-5-33	2	
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PO	Delivered Sampler -	Relinquishec		H7240	Lab
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Received by OCD: 1/11/2023 10:34:29 AM

	Ensolum, LLC			BILL TO			ANALYSIS REC	REQUEST
Project Manager:	BOUK ENN.	282	9.	P.O. #:	_	-		40101
Address: 601 A	1. Marinfeld SI	Saite	400	Company: OXV (KA	1. inc			
city: Midland	State:	te: Tk Zip:	10tot	vode i	++			
Phone #: 432	230 3344 Fax #:	#	Ac	Address:		_		
Project #: 038/4/70	125	Project Owner: (	OXY CI	City:		_		
Project Name:	Walt		St	State: Zip:	1			
Project Location:	Edy County		Pł	300	-2428 N	_		
Sampler Name:	Sunarther 1	alter	Fa	-				
FOR LAB USE ONLY		P.	MATRIX	ESERV.	SAMPLING	-		
Lab I.D. 724540	Sample I.D.	(G)RAB OR (C)OM	# CONTAINERS GROUNDWATER WASTEWATER SOIL DIL SLUDGE DTHER :	ACID/BASE: CE / COOL DTHER :	TPH			
11	98-51	4 0		X II	1220 4			
12	FS- 98	6 0	- X	× 9/29/22	X 5221			
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analyses. All claims including those for ne service. In no event shall Cardinal be liabl affiliates or successors arising out of or rel	aromatis lacking and cae igligence and any other of the for incidental or consec- ated to the performance	nt's exclusive remedy for any claim arisi ause whatsoever shall be deemed waiv puental damages, including without limits of services hereunder by Cardinal, rega	I ensising whether based in contract or tort, shall be limited to the amount paid by the client for the 5 vanived unless made in writing and received by Cardinal within 30 days after completed of the ap 1 limitation, business interruptions, loss of use, or torss of profits incurred by client, its subsidiaries, regardless of whether such claim is based upon any of the above stand reasons or shawing regardless of whether such claim is based upon any of the above stand reasons or shawing regardless of the standard states of the states of the above stand reasons or shawing the states of the state of the states of the states of the states and the states of the stat	sed in contract or tort, shall be limited to the amount pak de in writing and received by Cardinai within 30 days after s interruptions, loss of use, or loss of profits incurred pay her such claim is based upon any of the above stated as	I by the client for the completion of the applicable lient, its subsidiaries, sense or otherwise			
Relinquished By:	Date:	SIZ Re	ved By:	Comp	Verbal Result:  Ves  No Add'l Phone #: All Results are emailed. Please provide Email address: REMARKS:	Yes □ No ed. Please provi	Add"l Phone #: de Email address:	
Delivered By: (Circle One) Sampler - UPS - Bus - Oti	her	Observed Temp. °C D, 6 °C Corrected Temp. °C D. 00°	Sample Condition Cool Intact A Yes A Yes	CHECKED BY:	Turnaround Time: Thermometer ID #113 Correction Factor -0.5°C	Standard Rush	Bacteria (only)	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C

aboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	10/21/2022		Sampling Date:	10/21/2022
Reported:	10/27/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	Cool & Intact
Project Number:	03B1417054		Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY, CO.			

#### Sample ID: SW - 86 0'-4' (H224967-01)

TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	3.79	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	220	110	200	13.5	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	83.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.0	% 46.3-17	8						

#### Sample ID: SW - 98 0'-6' (H224967-02)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	3.79	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	220	110	200	13.5	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	71.0 \$	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.0 \$	46.3-17	8						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	10/21/2022		Sampling Date:	10/21/2022
Reported:	10/27/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	Cool & Intact
Project Number:	03B1417054		Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY, CO.			

#### Sample ID: SW - 102 0'-6' (H224967-03)

TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	3.79	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	220	110	200	13.5	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	66.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	77.6	% 46.3-17	8						

#### Sample ID: SW - 131 0'-9' (H224967-04)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	3.79	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	220	110	200	13.5	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	72.6 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.8 9	46.3-17	8						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:		
Received:	10/21/2022		Sampling Date:	10/21/2022
Reported:	10/27/2022		Sampling Type:	Soil
Project Name:	BIG WALT		Sampling Condition:	Cool & Intact
Project Number:	03B1417054		Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY, CO.			

#### Sample ID: FS - 131 9' (H224967-05)

TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2022	ND	229	114	200	3.79	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	220	110	200	13.5	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	78.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.5	% 46.3-17	8						

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### **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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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Page 6 of 6

# **ENSOLUM**

# APPENDIX F

C-141

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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

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State of New Mexico Energy Minerals and Natural Resources Department

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

Incident ID	nAPP2235540469
District RP	2RP-9
Facility ID	
Application ID	

# **Release Notification**

### **Responsible Party**

Responsible Party: Oxy USA Inc.	OGRID: 16696
Contact Name: Wade Dittrich	Contact Telephone: 575-390-2828
Contact email: wade_dittrich@oxy.com	Incident # nAPP2235540469
Contact mailing address: PO Box 4294, Houston, TX 77210	

### **Location of Release Source**

Latitude 32.42281

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Big Walt 2 State #008	Site Type: Tank Battery
Date Release Discovered: 10/04/2007	API# 30-015-24509

Unit Letter	Section	Township	Range	County
Н	2	22S	24E	Eddy

Surface Owner: State Federal Tribal Private (Name: \_

### Nature and Volume of Release

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

Crude Oil	Volume Released (bbls): 12	Volume Recovered (bbls): 0
Produced Water	Volume Released (bbls): 750	Volume Recovered (bbls): 500
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes X No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
		Wa

Cause of Release: Air compressor failed, so dump valves to gun barrel hung open, which blew piping and bottom out of tank. Vacuum truck called and picked up what it could before water soaked into ground.

rm C-141	State of New M	exico	Incident ID	nAPP2235540469
ge 2	Oil Conservation I	Division	District RP	2RP-9
rm C-141 ge 2			Facility ID	
			Application ID	
Was this a major	If YES, for what reason(s) do	as the responsible part	v consider this a major releas	e.9
release as defined by 19.15.29.7(A) NMAC?	Release is grater than 25 barro		y consider this a major releas	e?
Yes 🗌 No				
If YES, was immediate n No, historical release.	notice given to the OCD? By wh	nom? To whom? Whe	en and by what means (phone	e, email, etc)?
	]	nitial Response	9	
The responsible	e party must undertake the following acti	ons immediately unless they	could create a safety hazard that wo	ould result in injury
$\square The source of the rel \square The impacted area h$	lease has been stopped. as been secured to protect huma			ent devices
	have been contained via the use of			ient devices.
All free liquids and	have been contained via the use of recoverable materials have been ed above have <u>not</u> been undertak	removed and managed		
All free liquids and the actions described of the second s	recoverable materials have been ed above have <u>not</u> been undertak MAC the responsible party may o	removed and managed en, explain why: commence remediatior	appropriately.	of a release. If remediat
All free liquids and a If all the actions describe Per 19.15.29.8 B. (4) NM has begun, please attach within a lined containme	recoverable materials have been ed above have <u>not</u> been undertak MAC the responsible party may of a narrative of actions to date. ent area (see 19.15.29.11(A)(5)(a	removed and managed en, explain why: commence remediatior If remedial efforts hav ) NMAC), please attac	appropriately. n immediately after discovery ve been successfully complete th all information needed for	of a release. If remediated or if the release occur closure evaluation.
All free liquids and a If all the actions describe Per 19.15.29.8 B. (4) NM has begun, please attach within a lined containme I hereby certify that the info regulations all operators are public health or the enviror failed to adequately investi addition, OCD acceptance	recoverable materials have been ed above have <u>not</u> been undertak MAC the responsible party may of a narrative of actions to date.	removed and managed en, explain why: commence remediation If remedial efforts hav ) NMAC), please attac mplete to the best of my h n release notifications an eport by the OCD does no at pose a threat to ground	appropriately.	y of a release. If remediated or if the release occur closure evaluation. pursuant to OCD rules and releases which may endanger y should their operations hav alth or the environment. In
All free liquids and a If all the actions describe Per 19.15.29.8 B. (4) NM has begun, please attach within a lined containme I hereby certify that the info regulations all operators are public health or the enviror failed to adequately investi addition, OCD acceptance and/or regulations.	MAC the responsible party may of a narrative of actions to date. ent area (see 19.15.29.11(A)(5)(a ormation given above is true and con e required to report and/or file certai ment. The acceptance of a C-141 re gate and remediate contamination th of a C-141 report does not relieve th	removed and managed en, explain why: commence remediation If remedial efforts hav ) NMAC), please attac mplete to the best of my H n release notifications an eport by the OCD does no at pose a threat to ground e operator of responsibili	appropriately.	y of a release. If remediated or if the release occur closure evaluation. pursuant to OCD rules and releases which may endanger y should their operations hav alth or the environment. In
All free liquids and a If all the actions describe Per 19.15.29.8 B. (4) NM has begun, please attach within a lined containme I hereby certify that the info regulations all operators are public health or the enviror failed to adequately investi addition, OCD acceptance and/or regulations.	MAC the responsible party may of a narrative of actions to date. ent area (see 19.15.29.11(A)(5)(a ormation given above is true and con e required to report and/or file certai ment. The acceptance of a C-141 re gate and remediate contamination th of a C-141 report does not relieve th	removed and managed en, explain why: commence remediation If remedial efforts hav ) NMAC), please attac mplete to the best of my H n release notifications an eport by the OCD does no at pose a threat to ground e operator of responsibili	appropriately.	y of a release. If remediated or if the release occur closure evaluation. pursuant to OCD rules and releases which may endange y should their operations hav alth or the environment. In
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State of New Mexico Oil Conservation Division

Incident ID	nAPP2235540469
District RP	2RP-9
Facility ID	
Application ID	

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## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>N/A</u> (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 <b>not</b> on an exploration, development, production, or storage site?	X Yes No

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
   Field data
- Data table of soil contaminant concentration data
- Depth to water determination
  - Determination of water sources and significant watercourses within <sup>1</sup>/<sub>2</sub>-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

the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation lan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling part and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 9.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

orm C-141 age 4	State of New Mexico		Incident ID	nAPP2235540469
ge 4	Oil Conservation Division		District RP	2RP-9
			Facility ID	
			Application ID	
Printed Name: <u>Wade D</u> Signature: email: <u>wade_dittrich@</u>	lesta	Title: <u>Environmer</u> Date: <u>1-47</u> Telephone: <u>575-3</u>	1-23	

orm C-141 age 6

State of New Mexico Oil Conservation Division

Incident ID	nAPP2235540469
District RP	2RP-9
Facility ID	
Application ID	

## Closure

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

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

A scaled site and sampling diagram as described in 19.15.29.11 NMAC

Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office) must be notified 2 days prior to liner inspection)

Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

Description of remediation activities

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

Printed Name: Wade Dittrich

Title: Environmental Specialist

Date:

email: wade\_dittrich@oxy.com

Telephone: 575-390-2828

**OCD Only** 

Received by OCD:

Signature:

Received by:

Jocelyn Harimon

1/11/2023 Date:

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations. Released to Imaging: 3/20/2023 2:02:20 PM

Closure Approve	d by: Ashley Maxwell	Date:	3/20/2023	
	Ashley Maxwell	_ Title: _	Environmental Specialist	

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

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

District III

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

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

### **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	175068
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By		Condition Date
amaxwell	None	3/20/2023

CONDITIONS

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Action 175068

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