



REVISED CLOSURE REPORT

Property:

NIMITZ MDP1 13 1 Federal Com #171H

**Unit M, S13, T24S, R30E
32.212648° N, 103.839391° W
Eddy County, New Mexico
NMOCD Incident ID: nAPP2336151910**

July 29, 2025

Ensolum Project No. 03B1417137

Prepared for:

**Oxy USA, Inc.
PO Box 4324
Houston, Texas 77210**

Attn: Daniel Sparks

Prepared by:

Tabitha Guadian
Staff Geologist

Beaux Jennings
Associate Principal



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ENSOLUM

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32.212648° N, 103.839391° W
Eddy County, New Mexico
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Ensolum Project No. 03B1417137

1.0 INTRODUCTION

1.1 Site Description & Background

Operator:	OXY USA, Inc. (Oxy)
Site Name:	NIMITZ MDP1 13 1 Federal Com #171H
Location:	Unit M, Section 13, Township 24 South, Range 30 East 32.212648° N, 103.839391° W Eddy County, New Mexico
Property:	Federal land managed by the Bureau of Land Management (BLM)
Regulatory:	New Mexico Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)

On December 26, 2023, Oxy had a release of crude oil and produced water at the Site due to a flow line rupture. The flow line was isolated, depressurized, locked, and tagged out. Approximately 12 barrels (bbls) of crude oil and 41 bbls of produced water released onto the ground surface, with approximately 3 bbls of crude oil and 10 bbls of produced water recovered. Oxy reported the release to the New Mexico EMNRD OCD via email on December 26, 2023, and submitted a report through the online notice of release (NOR) form on December 27, 2023. The release was assigned Incident Number nAPP2336151910.

The **Topographic Map** depicting the location of the Site is included as **Figure 1**, and the **Site Vicinity Map** is included as **Figure 2** in **Appendix A**.

1.2 Project Objective

The primary objective of the closure activities was to reduce chemicals of concern (COC) concentrations in the on-Site soil to be in compliance with 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 New Mexico Administrative Code (NMAC) 19.15.29 *Releases*, which establishes investigation and abatement action requirements for sites subject to reporting and/or corrective action. Ensolum, LLC (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. Supporting documentation and figures associated with the following bullets are provided in **Appendix A** and **Appendix B**.



- No exploratory water wells were identified within a 0.5-mile radius of the Site on the OSE Water Rights Reporting System (WRRS) database. However, there is one well record reported within 0.62-miles of the Site (C-04575-POD1) that was installed in 2022 to a depth of 105 feet below ground surface (bgs) as a temporary well, with no groundwater encountered.
 - On January 22, 2024, Ensolum, on behalf of Oxy, requested a depth to water (DTW) Closure Criteria Variance Request to utilize the OSE WRRS well C-04575-POD1. Due to the regional depth to groundwater being greater than 100 feet bgs and the Site being in a low karst potential area, the Closure Criteria Variance Request to reflect groundwater >100 feet as shown in Table 1 of 19.15.29.12 NMAC for any off-pad remediation of soils greater than 4 feet bgs was granted by the New Mexico EMNRD OCD on January 23, 2024.
- The Site is not located within 300 feet of a New Mexico ENMRD OCD-defined continuously flowing watercourse or 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 a 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 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.
- 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 New Mexico Statute Annotated (NMSA) 1978, Section 3-27-3.
- The Site is not located within 300 feet of a wetland.
- Based on information identified on the New Mexico Mining and Minerals Division's Geographical Information System (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 not located within an unstable area, also referred to as high karst potential.
- The Site is not located within a 100-year floodplain.

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

Closure Criteria for Soils Less Than 4 ft bgs Impacted by a Release			
Minimum depth below any point within horizontal boundary of the release to groundwater less than 10,000 mg/l TDS	Constituent	Method	Limit
≤ 50 feet	Chloride	EPA 300.0 or SM4500 Cl B	600 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg

	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

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
>100 feet	Chloride	EPA 300.0 or SM4500 Cl B	20,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	TPH (GRO+DRO)	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

3.0 SOIL REMEDIATION ACTIVITIES

On December 26, 2023, Oxy had a release of crude oil and produced water at the Site due to a flow line rupture. The flow line was isolated, depressurized, locked, and tagged out. Approximately 12 bbls of crude oil and 41 bbls of produced water released onto the ground surface, with approximately 3 bbls of crude oil and 10 bbls of produced water recovered.

On February 29, 2024, Ensolum arrived on-Site to collect 170 composite confirmation soil samples (FS-1 through FS-170) from the floor of excavation extent and nine sidewall confirmation samples (SW-1 through SW-9). Additionally, Ensolum collected 10 delineation soil samples (DS-1 through DS-10) from the perimeter of the excavation. The floor and sidewall samples were collected at a depth of 18 inches below ground surface (bgs) and the delineation soil samples were collected at a depth of 3 inches bgs. Based on laboratory analytical data, additional excavation activities and/or remediation activities were necessary.

On April 08, 2024, subsequent to completion of additional excavation activities, Ensolum arrived on-Site to collect 19 composite soil re-samples from the excavation floor (FS-18, FS-45, FS-49, FS-51, FS-53, FS-55, FS-58, FS-62, FS-63, FS-65, FS-69 through FS-71, FS-83, FS-85, FS-87, FS-88, FS-92, and FS-99). The excavation floor samples were collected at depths ranging from 24–48 inches bgs. Based on laboratory analytical data, additional excavation activities and/or remediation activities were necessary.

On May 09, 2024, subsequent to completion of additional excavation activities, Ensolum arrived on-Site to collect five composite soil re-samples from the excavation floor (FS-18, FS-49, FS-87, FS-92, and FS-99) and five composite soil samples from the excavation sidewalls (SW-18, SW-49, SW-87, SW-92, and SW-99). The excavation floor samples were each collected at a depth of 48 inches bgs and the excavation sidewall samples were each collected at a depth of 0–48 inches bgs.

On June 19, 2024, a Closure Report was submitted to the New Mexico EMNRD OCD for approval. On June 27, 2024, the New Mexico EMNRD OCD rejected the Closure Report. Steps were subsequently taken by Oxy to address the requirements needed for closure.

Based on the request from the New Mexico EMNRD OCD, on August 27 and 28, 2024, Ensolum collected four composite sidewall samples from the excavation (SW-1, SW-3, SW-8 and SW-9) at a depth of approximately 18 inches bgs. Based on laboratory analytical data, no additional excavation activities and/or remediation activities were necessary.

The composite soil samples were analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX), total petroleum hydrocarbons (TPH), gasoline range organics (GRO), diesel range organics (DRO), motor oil/lube oil range organics (MRO), and chloride in accordance with the New Mexico EMNRD OCD Closure Criteria for Soils Impacted by a Release (≤ 50 feet) for soils in the vegetative zone of 0-4 feet bgs (NMOCD Closure Criteria ≤ 50 feet) and for soils in the non-vegetative zone greater than 4 feet bgs (NMOCD Closure Criteria > 100 feet).

The final excavation area measured approximately 273 feet long and 286 feet wide at the maximum extents, with a depths ranging from 18-48 inches bgs.

The excavation measured approximately 68,882 square feet in areal extent. A total of 4,508 cubic yards of impacted soil was removed during the excavation activities and transported off-Site for proper disposal. After completion of confirmation sampling, the excavation was secured with fencing. Backfill of excavation will be done utilizing material purchased locally and recontoured to match pre-existing conditions. A BLM-approved seed mixture will be sown into the surface area of the backfill that is in the pasture for re-vegetation.

Figure 3 is a map that identifies approximate soil sample locations and depicts the approximate dimensions of the impacted soil and excavation extent with respect to the release (**Appendix A**). Photographic documentation of the field activities is included in **Appendix C**.

4.0 SOIL SAMPLING PROGRAM

Ensolum's soil sampling program from February 29, 2024 through August 28, 2024 included the collection of a total of 194 composite soil samples from 170 soil sample locations from the excavation floor (FS-1 through FS-170), 18 sidewall soil samples were collected from 14 soil sample locations (SW-1 through SW-9, SW-18, SW-49, SW-87, SW-92, and SW-99), and 10 delineation soil samples from 10 locations outside of the perimeter of the excavation (DS-1 through DS-10) for laboratory analysis.

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, under proper chain-of-custody procedures.

5.0 SOIL LABORATORY ANALYTICAL METHODS

The composite soil samples were analyzed for BTEX following United States Environmental Protection Agency (EPA) SW-846 Method 8021B, TPH GRO/DRO/MRO following EPA SW-846 Method 8015M/D, and chloride using SM4500 Cl-B.

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

6.0 DATA EVALUATION

Ensolum compared the benzene, total BTEX, TPH-GRO/DRO/MRO, and chloride concentrations or laboratory sample detection limits (SDLs) associated with the final composite excavation soil samples (FS-1 through FS-170, SW-1 through SW-9, SW-18, SW-49, SW-87, SW-92, and SW-99) and the final delineation soil samples (DS-1 through DS-10) for soils left in place at the Site in the vegetative zone of 0-4 feet bgs (NMOCD Closure Criteria ≤ 50 feet) and for soils in the non-vegetative zone greater than 4 feet bgs (NMOCD Closure Criteria > 100 feet).

- Laboratory analytical results indicate benzene concentrations for the final composite soil samples collected from the excavation area and the final delineation samples do not exceed the laboratory SDLs, which are below the NMOCD Closure Criteria of 10 milligrams per kilogram (mg/kg).
- Laboratory analytical results indicated that total BTEX concentrations for the final composite soil samples collected from the excavation area and the final delineation samples do not exceed the laboratory SDLs, which are below the NMOCD Closure Criteria of 50 mg/kg.
- Laboratory analytical results indicated that the combined TPH-GRO/DRO concentrations for the final composite soil samples collected from the excavation area and the final delineation soil samples do not exceed the laboratory SDLs and/or the applicable NMOCD Closure Criteria of 1,000 mg/kg (for soils greater than 4 feet bgs).
- Laboratory analytical results indicated combined TPH-GRO/DRO/MRO concentrations for the final composite soil samples collected from the excavation area and the final delineation soil samples do not exceed the laboratory SDLs and/or the applicable NMOCD Closure Criteria of 2,500 mg/kg (for soils greater than 4 feet bgs).
- Laboratory analytical results indicated combined TPH-GRO/DRO/MRO concentrations for the final composite soil samples collected from the excavation sidewalls do not exceed the laboratory SDLs and/or the applicable NMOCD Closure Criteria of 100 mg/kg (for soils less than 4 feet bgs).
- Laboratory analytical results indicated chloride concentrations for the final composite soil samples collected from the excavation area and the final delineation soil samples do not exceed the applicable NMOCD Closure Criteria of 600 mg/kg (for soils less than 4 feet bgs) or 20,000 mg/kg (for soils greater than 4 feet bgs).
- Laboratory analytical results indicated chloride concentrations for the final composite soil samples collected from the excavation sidewalls do not exceed the applicable NMOCD Closure Criteria of 600 mg/kg (for soils less than 4 feet bgs).

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

7.0 RECLAMATION AND RE-VEGETATION

The release occurred on-pad (non-vegetative zone) and off-pad (vegetative zone) and as such, a reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH was applied to the top 4 feet of the off-pad (vegetative zone) area that was impacted by the release per 19.15.29.13.D (1) NMAC for the top 4 feet of areas that will be reclaimed following remediation. The following Reclamation Plan addresses reclamation of the off-pad (vegetative zone) area that measures approximately 42,589 square feet in areal extent with approximately 2,366 cy of soil: Soil in the vicinity of the release include: predominately gravelly sandy loam, with some silty clay loam present;

- The backfilled areas will be seeded utilizing a weed-free seed mix designed by the BLM to meet reclamation standards for this region, which will be: Pecos District BLM Seed Mix for Shallow Sand and Sandy, SD-3 Ecological Site;
- The seed mixture will be distributed with one of the following methods: push broadcaster seed spreader / tractor operated broadcast seed spreader / drill seeding / other means;
- Application of the seed mixture will be at a coverage of either 10 pounds of seeds per acre of reclaimed pasture with distribution by a drilling method, or 20 pounds of seeds per acre of reclaimed pasture with distribution by a broadcast method, whichever is more applicable;
- Erosion control management will potentially include:
 - The placement of waddles in areas with a propensity for high run off rates;

- Straw cover if high winds are anticipated to support moisture retention and limit wind from blowing seeds away before they have had time to germinate; and/or
- Other erosional control best management practices (BMP) as necessary to support timely and healthy regrowth of vegetation in disturbed areas;
- Backfilling of the excavation will utilize locally purchased material and recontoured to pre-existing conditions;
- Seeding is anticipated to be completed in the Spring/Summer when temperatures and precipitation is most conducive for vegetation growth. In general, seeding should occur approximately one month after the last frost in the Spring up until approximately one month prior to the first fall frost.
- Annual inspections (at a minimum), will take place on the location until revegetation is consistent with local natural vegetation density. The Site will be inspected the following Spring/Fall to assess the success of regrowth. If necessary, an additional application of the BLM-approved pure live seed mixture will be applied as well as any needed BMPs will be installed to support growth and limit erosion;

8.0 FINDINGS AND RECOMMENDATION

- On December 26, 2023, Oxy had a release of crude oil and produced water at the Site due to a flow line rupture. The flow line was isolated, depressurized, locked, and tagged out. Approximately 12 bbls of crude oil and 41 bbls of produced water released onto the ground surface, with approximately 3 bbls of crude oil and 10 bbls of produced water recovered.
- Ensolum's soil sampling program from February 29, 2024 through August 28, 2024 included the collection of a total of 194 composite soil samples from 170 soil sample locations from the excavation floor (FS-1 through FS-170), 14 sidewall soil samples were collected from 14 soil sample locations (SW-1 through SW-9, SW-18, SW-49, SW-87, SW-92, and SW-99), and 10 delineation soil samples from 10 locations outside of the perimeter of the excavation (DS-1 through DS-10) for laboratory analysis. The composite floor samples were collected at a depths ranging from 18-48 inches bgs and the sidewall samples were collected at a depth of 18 inches bgs. Additionally, the delineation samples were collected outside of the excavation area at a depth of 3 inches bgs.
- On June 19, 2024, a Closure Report was submitted to the New Mexico EMNRD OCD for approval. On June 27, 2024, the New Mexico EMNRD OCD rejected the Closure Report. Steps were subsequently taken by Oxy to address the requirements needed for closure.

Based on the request from the New Mexico EMNRD OCD, on August 27 and 28, 2024, Ensolum collected four composite sidewall samples from the excavation (SW-1, SW-3, SW-8 and SW-9) at a depth of approximately 18 inches bgs. Based on laboratory analytical data, no additional excavation activities and/or remediation activities were necessary.

- The primary objective of the closure activities was to reduce COC concentrations in the on-Site soil to be in compliance with applicable NMOCD Closure Criteria for Soils Impacted by a Release using the New Mexico EMNRD OCD's NMAC 19.15.29 *Releases* as guidance.
- The final excavation area measured approximately 273 feet long and 286 feet wide at the maximum extents, with a depths ranging from 18-48 inches bgs.
- Based on laboratory analytical results, the final composite soil samples collected from the excavation floor and sidewalls, and the final delineation samples outside of the impacted area did not exhibit benzene, total BTEX, TPH GRO/DRO/MRO or chloride concentrations above the applicable NMOCD Closure Criteria.
- Once the areas are brought back to original grade, an BLM-approved seed mixture will be sown into the surface of the backfill for re-vegetation per the above stated Reclamation Plan.

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 in other areas or portions of the Site may vary from those encountered at actual sample locations. Ensolum's findings and recommendations are based solely upon data available to Ensolum at the time of these services.

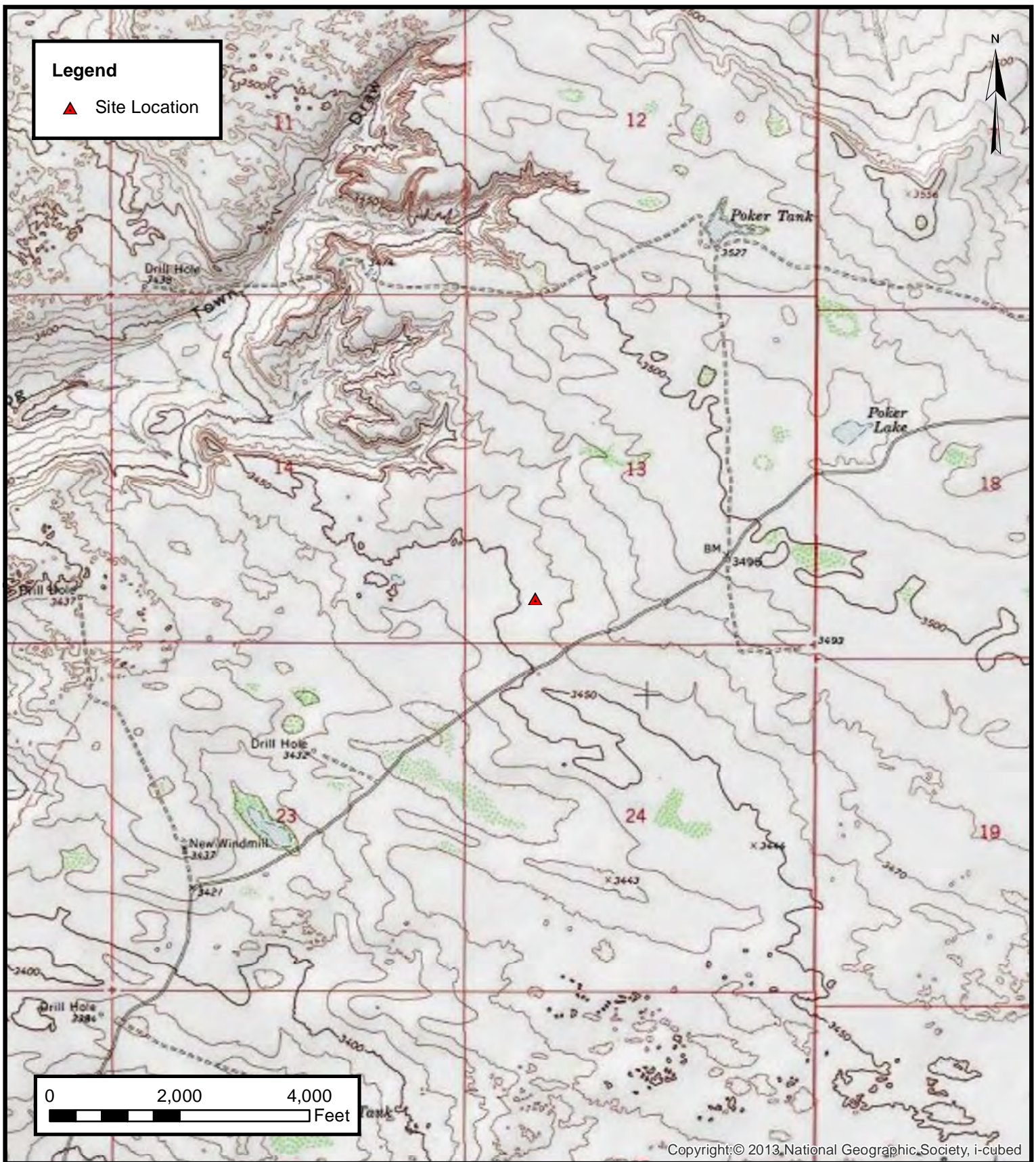
9.3 Reliance

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



APPENDIX A

Figures

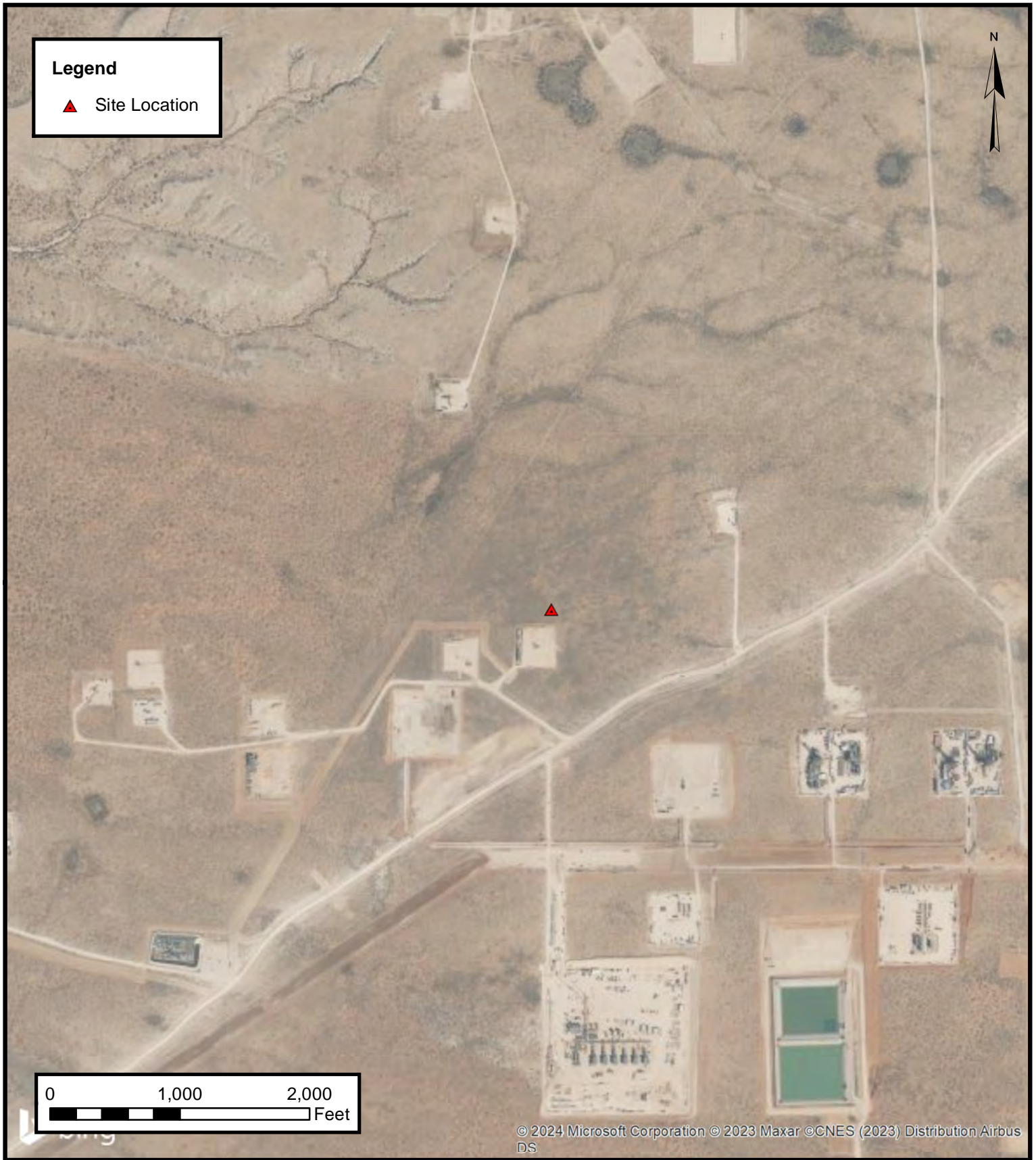


Topographic Map

Oxy USA Inc.
NIMITZ MDP1 13 1 Federal Com. #171H
32.212648° N, 103.839391° W
Eddy County, New Mexico

PROJECT NUMBER: 03B1417137

FIGURE
1

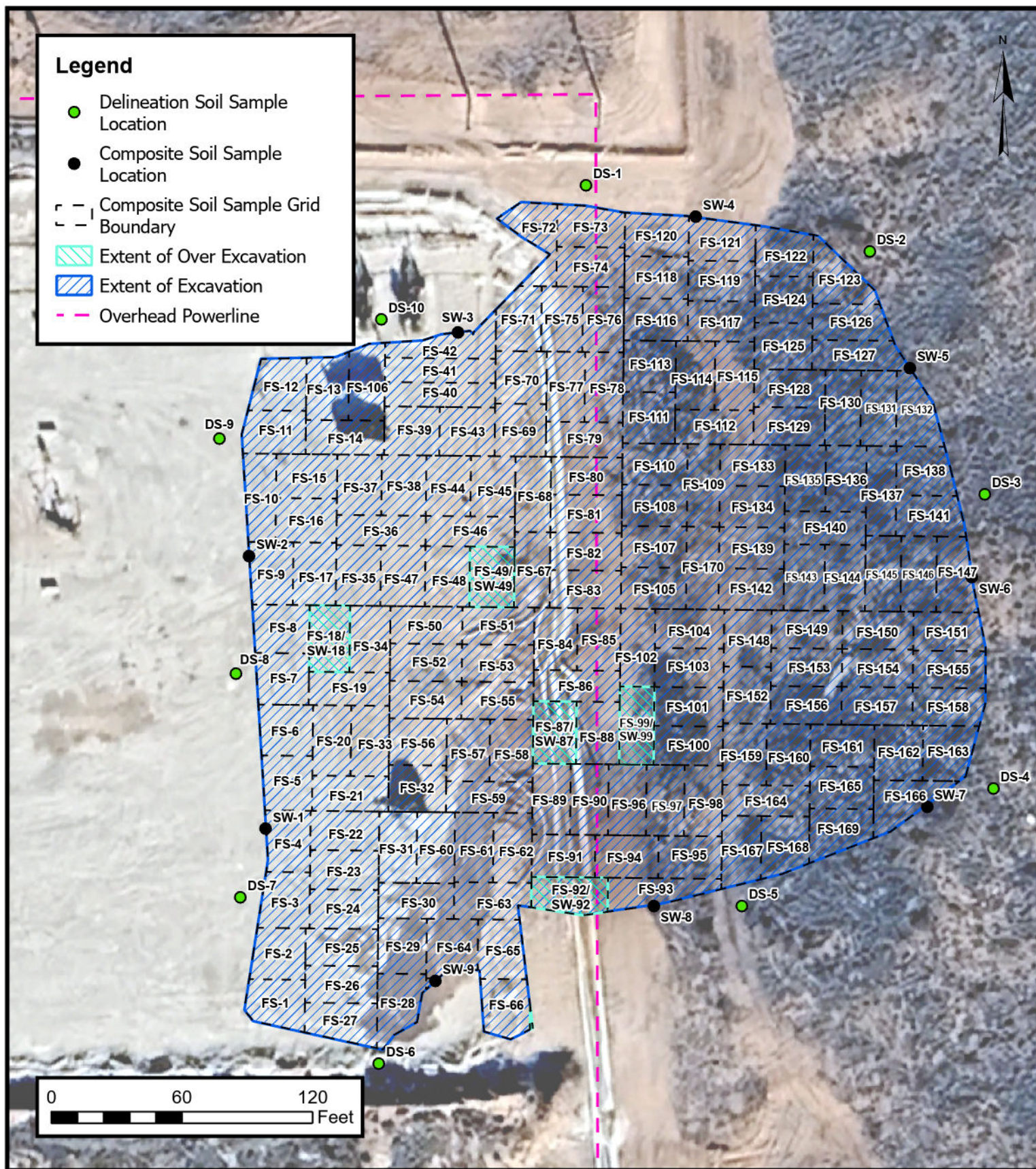


Site Vicinity Map

Oxy USA Inc.
NIMITZ MDP1 13 1 Federal Com. #171H
32.212648° N, 103.839391° W
Eddy County, New Mexico

PROJECT NUMBER: 03B1417137

FIGURE
2

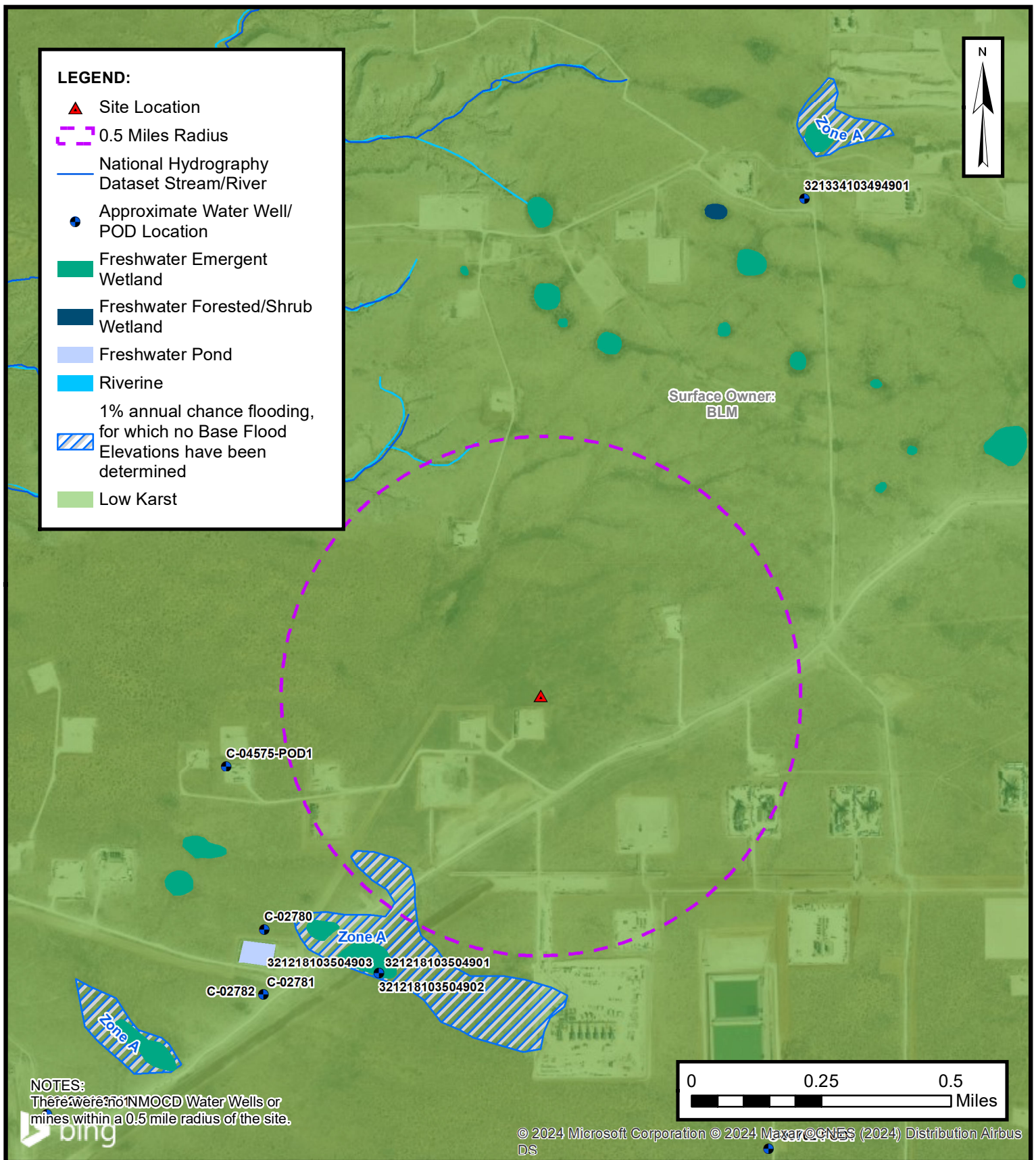


Site Map

Oxy USA Inc.
NIMITZ MDP1 13 1 Federal Com. #171H
32.212648° N, 103.839391° W
Eddy County, New Mexico

PROJECT NUMBER: 03B1417137

FIGURE
3



Closure Criteria Map

Oxy USA Inc.
NIMITZ MDP1 13 1 Federal Com. #171H
32.212648° N, 103.839391° W
Eddy County, New Mexico

PROJECT NUMBER: 03B1417137

FIGURE
4

ENSOLUM
Environmental, Engineering and
Hydrogeologic Consultants



APPENDIX B

Supporting Documentation

Beaux Jennings

From: Dittrich, John W <Wade_Dittrich@oxy.com>
Sent: Tuesday, December 26, 2023 2:04 PM
To: OCD.Enviro@emnrd.nm.gov; Beaux Jennings
Cc: BLM_NM_CFO_Spill@blm.gov; Pierce, Tyson (The Bergaila Company)
Subject: Initial Notification-Nimitz MDPI 13 1 Fed. Com 171H

[**EXTERNAL EMAIL**]

All,

This is to inform you that Oxy Permian had a **Reportable** release in **Eddy County** at the **Nimitz MDPI 13 1 Fed. Com 171H** on 12/26/2023.

- **Release Location:** Legal -13-24S-30E-
- **Release Volume:** 12 bbls of Oil and 41 bbls of Produced Water.
- **Recovered:** 3 bbls of Oil recovered and 10 bbls of PW recovered
- **Cause of Release:** Flow Line rupture
- **Approximate Area impacted by release:** TBD-**Leak is on and off location** (measurements are subject to change with GPS tracking)
- **GPS Coordinates of Leak and Driving Directions:** **32.2130319, -103.8404946**- Int. of Hwy 128 and Twin Wells Rd., go South on TWR for 7.5 miles, turn R and go 1.8 to location.
- Please let me know if you have any questions.

Kelly Lowery

From: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Sent: Tuesday, January 23, 2024 8:50 AM
To: Kelly Lowery
Cc: Bratcher, Michael, EMNRD; Beaux Jennings; Dittrich, John W; Pierce, Tyson (Legacy Safety & Consulting LLC)
Subject: RE: [EXTERNAL] NIMITZ MDP1 13 1 Federal Com. #171H (Incident ID: nAPP2336151910) and NIMITZ MDP1 13 1 Federal Com. #311H (Incident ID: nAPP2400330251) - Closure Criteria Variance Request

You don't often get email from robert.hamlet@emnrd.nm.gov. [Learn why this is important](#)

[**EXTERNAL EMAIL**]

Kelly,

The Variance Request for depth to groundwater of >100' is approved. Please include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau

EMNRD - Oil Conservation Division

506 W. Texas Ave. | Artesia, NM 88210

575.909.0302 | robert.hamlet@state.nm.us

<http://www.emnrd.state.nm.us/OCD/>



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Monday, January 22, 2024 10:06 AM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] NIMITZ MDP1 13 1 Federal Com. #171H (Incident ID: nAPP2336151910) and NIMITZ MDP1 13 1 Federal Com. #311H (Incident ID: nAPP2400330251) - Closure Criteria Variance Request

From: Kelly Lowery <klowery@ensolum.com>
Sent: Monday, January 22, 2024 9:07 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Beaux Jennings <bjennings@ensolum.com>; Dittrich, John W <Wade_Dittrich@oxy.com>; Pierce, Tyson (Legacy Safety & Consulting LLC) <tyson_pierce@oxy.com>
Subject: [EXTERNAL] NIMITZ MDP1 13 1 Federal Com. #171H (Incident ID: nAPP2336151910) and NIMITZ MDP1 13 1 Federal Com. #311H (Incident ID: nAPP2400330251) - Closure Criteria Variance Request

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 request a Closure Criteria Variance for the NIMITZ MDP1 13 1 Federal Com. #171H (Incident ID: nAPP2336151910) and for the NIMITZ MDP1 13 1 Federal Com. #311H (Incident ID: nAPP2400330251), which are roughly 0.15 miles apart from each other.

NIMITZ MDP1 13 1 Federal Com. #171H (Incident ID: nAPP2336151910)

- A flow line rupture resulted in the release of 12 barrels of oil and 41 barrels of produced water. Oxy immediately recovered 3 barrels of oil and recovered 10 barrels of produced water. The Site will be vertically and laterally delineated per NMAC 19.15.29.

NIMITZ MDP1 13 1 Federal Com. #311H (Incident ID: nAPP2400330251)

- A flow line rupture resulted in the release of 50 barrels of oil and 10 barrels of produced water. Oxy immediately recovered 20 barrels of oil and recovered 5 barrels of produced water. The Site will be vertically and laterally delineated per NMAC 19.15.29.

Attached is groundwater research from the area surrounding the release. All nearby USGS and NMOSE wells indicate depth to groundwater greater than 100 feet bgs. The nearest borehole with depth to groundwater data is located 0.62 miles west of each release area and has a recorded total depth of the well at 105 feet bgs with no groundwater encountered from January 2022.

Due to the regional depth to groundwater being greater than 100 feet bgs and the site being in low potential karst area, Ensolum requests a Closure Criteria Variance to reflect groundwater > 100 feet as shown in Table 1 of 19.15.29.12 NMAC for any off-pad remediation greater than 4 feet bgs.

Please let me know if you have any questions,



Kelly Lowery, GIT

Project Geologist

214-733-3165

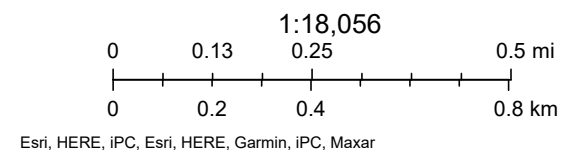
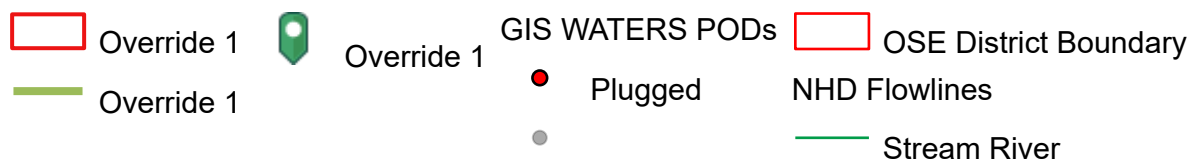
Ensolum, LLC



OSE POD Location Map



1/16/2024, 4:00:03 PM



Online web user
This is an unofficial map from the OSE's online application.



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

OSE OIT JAN 24 2022 PM 3:00

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD1 (BH-01)		WELL TAG ID NO. n/a		OSE FILE NO(S). C-4575			
	WELL OWNER NAME(S) XTO Energy (Kyle Littrell)				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 6401 Holiday Hill Dr.				CITY Midland	STATE TX	ZIP 79707	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 12	SECONDS 38.03 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND			
		LONGITUDE 103	50	58.70 W	* DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NW NE Sec. 23 T24S R30E, NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 1-4-2022	DRILLING ENDED 1-4-2022	DEPTH OF COMPLETED WELL (FT) temporary well material		BORE HOLE DEPTH (FT) 105	DEPTH WATER FIRST ENCOUNTERED (FT) n/a		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) n/a		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	105	±8.5	Boring- HSA	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/30/17)

FILE NO. C-4575	POD NO. 1	TRN NO. 709414
LOCATION 2-1-1 24S-30E-23	WELL TAG ID NO. —	PAGE 1 OF 2

MON

USE ON JAN 24 2022 PM 3:00

	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)	
	FROM	TO					
4. HYDROGEOLOGIC LOG OF WELL	0	1	1	Caliche, White, Dry	Y ✓ N		
	1	20	19	Sand, very fine grained, well graded, with caliche, Reddish Brown-Light Brown	Y N		
	20	30	20	Caliche, consolidated with silt and some gravel, Off-White, Dry	Y ✓ N		
	30	50	20	Sand, very fine grained, well graded, with gravel, Light Brown	Y ✓ N		
	50	75	25	Sand, very fine grained, well graded, with gravel, Reddish Brown, slight moist	Y ✓ N		
	75	105	30	Sand, very fine grained, poorly graded, Reddish Brown, slight moist	Y ✓ N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
	METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring backfilled using drill cuttings from total depth to ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface to surface. Logs adapted from WSP on-site geologist.	
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt, Carmelo Trevino	

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	<div style="display: flex; justify-content: space-between;"> Jackie D. Atkins 1/21/2022 </div>	DATE
SIGNATURE OF DRILLER / PRINT SIGNEE NAME		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/30/2017)

FILE NO. C-4573	POD NO. 1	TRN NO. 709414
LOCATION 2-1-1	245-30E-23	WELL TAG ID NO. MON

PAGE 2 OF 2

OSE_Well Record and Log_-forsign

Final Audit Report

2022-01-22

Created:	2022-01-21
By:	Lucas Middleton (lucas@atkinseng.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAHFW29aZiQH1D931B0LxyAz3o1wYi88ri

"OSE_Well Record and Log_-forsign" History



Document created by Lucas Middleton (lucas@atkinseng.com)

2022-01-21 - 10:47:34 PM GMT- IP address: 69.21.248.123

OSE DTI JAN 24 2022 PM 3:00



Document emailed to Jack Atkins (jack@atkinseng.com) for signature

2022-01-21 - 10:48:19 PM GMT



Email viewed by Jack Atkins (jack@atkinseng.com)

2022-01-21 - 10:49:13 PM GMT- IP address: 64.90.153.232



Document e-signed by Jack Atkins (jack@atkinseng.com)

Signature Date: 2022-01-22 - 0:16:23 AM GMT - Time Source: server- IP address: 64.90.153.232



Agreement completed.

2022-01-22 - 0:16:23 AM GMT



Adobe Sign

Kelly Lowery

From: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Sent: Friday, February 16, 2024 3:06 PM
To: Kelly Lowery
Cc: Beaux Jennings; Dittrich, John W; Pierce, Tyson (Legacy Safety & Consulting LLC); Bratcher, Michael, EMNRD; Wells, Shelly, EMNRD; Velez, Nelson, EMNRD
Subject: Sampling Variance Request for NIMITZ MDP1 13 1 Federal Com. #171H (Incident ID: nAPP2336151910)

You don't often get email from robert.hamlet@emnrd.nm.gov. [Learn why this is important](#)

[**EXTERNAL EMAIL**]

Kelly,

The largest variance confirmation floor sample size that the OCD can currently grant is 400 ft2. The variance is approved for 400 ft2 floor confirmation samples. The release area will still need confirmation sidewall samples representing no more than 200 ft2. Please include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave. | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Friday, February 16, 2024 1:20 PM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] Sampling Variance Request for NIMITZ MDP1 13 1 Federal Com. #171H (Incident ID: nAPP2336151910)

From: Kelly Lowery <klowery@ensolum.com>
Sent: Friday, February 16, 2024 12:27 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Beaux Jennings <bjennings@ensolum.com>; Dittrich, John W <Wade_Dittrich@oxy.com>; Pierce, Tyson (Legacy Safety & Consulting LLC) <tyson_pierce@oxy.com>
Subject: [EXTERNAL] Sampling Variance Request for NIMITZ MDP1 13 1 Federal Com. #171H (Incident ID: nAPP2336151910)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

On behalf of Oxy USA, Inc. (Oxy), Ensolum, LLC (Ensolum) requests a variance from the 200 square feet sampling requirement cited in 19.15.29.12 (D)(1)(c). Ensolum requests an alternate of 800 square feet, five-point composite samples collected from the Site. The current excavation extent is approximately 69,162 square feet, which would roughly equal 346 composite samples collected per the 200 square feet sampling requirement. If approved, the 800 square foot variance would decrease the number of samples collected to approximately 87 samples.

Attached is a Site Map depicting the site characterizations for the surrounding area. Previous correspondence and approval from the OCD are attached for the prior variance request regarding a DTW well located approximately 0.62 miles west of the Site documenting the regional depth to groundwater being greater than 100 feet bgs and the site being in low potential karst area.

With the provided information, Ensolum kindly asks that the OCD will acknowledge acceptance of this variance request. If you have any questions, please call or email.

Thank you,



Kelly Lowery, GIT
Project Geologist
214-733-3165
Ensolum, LLC
in f 

Kelly Lowery

From: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Sent: Friday, March 22, 2024 3:01 PM
To: Kelly Lowery
Cc: Wade_Dittrich@oxy.com; Tyson_Pierce@oxy.com; Beaux Jennings; Bratcher, Michael, EMNRD; Wells, Shelly, EMNRD; Velez, Nelson, EMNRD
Subject: NIMITZ MDP1 13 1 Federal Com. #171H (nAPP2336151910)

You don't often get email from robert.hamlet@emnrd.nm.gov. [Learn why this is important](#)

[**EXTERNAL EMAIL**]

RE: Incident #NAPP2336151910

Kelly,

Your request for a 90-day extension to **June 20th, 2024**, is approved. Please include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave. | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Friday, March 22, 2024 1:33 PM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] NIMITZ MDP1 13 1 Federal Com. #171H (nAPP2336151910)

From: Kelly Lowery <klowery@ensolum.com>
Sent: Friday, March 22, 2024 1:30 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Dittrich, John W <Wade_Dittrich@oxy.com>; Pierce, Tyson (Legacy Safety & Consulting LLC) <tyson_pierce@oxy.com>; Beaux Jennings <bjennings@ensolum.com>
Subject: [EXTERNAL] NIMITZ MDP1 13 1 Federal Com. #171H (nAPP2336151910)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Afternoon,

On behalf of Oxy USA Inc, Ensolum, LLC would like to request a 90-day extension for the NIMITZ MDP1 13 1 Federal Com. #171H (nAPP2336151910). Excavation activities are currently being conducted at the Site and require more time due to multiple aboveground flowlines within the vicinity of the release hindering the use of mechanical equipment for digging purposes. I have attached a few representative photos of the area. Please let us know if you have any questions.

Thank you,



Kelly Lowery, GIT
Project Geologist
214-733-3165
Ensolum, LLC
in f 

Kelly Lowery

From: Dittrich, John W <Wade_Dittrich@oxy.com>
Sent: Thursday, June 27, 2024 1:35 PM
To: Beaux Jennings
Cc: Hadlie Green; Kelly Lowery
Subject: Fw: The Oil Conservation Division (OCD) has rejected the application, Application ID: 356157

[**EXTERNAL EMAIL**]

DENIED- Nimitz MDPI 13.1 Fed. Com #171H-12/26/2023

Wade Dittrich

Environmental Advisor

New Mexico

575-390-2828

wade_dittrich@oxy.com

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Thursday, June 27, 2024 11:02 AM
To: Dittrich, John W <wade_dittrich@oxy.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 356157

WARNING - This message is from an EXTERNAL SENDER - be CAUTIOUS, particularly with links and attachments.

To whom it may concern (c/o Wade Dittrich for OXY USA INC),
The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2336151910,
for the following reasons:

- **The Remediation Closure Report is Denied. Delineation of sidewalls of a release requires samples equal to or less than 600 mg/kg for chlorides and 100 mg/kg for TPH. Please continue to laterally delineate the release.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 356157.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,

Robert Hamlet

575-748-1283

Robert.Hamlet@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive

Santa Fe, NM 87505

PECOS DISTRICT, BLM
SEED MIX FOR

The following Soils or Soil Association may represent these ecological sites:

Alama silt loam, dry, 0-3% Slope, Atoka, Bigetty-Pecos, Harkey fine sandy loam, Holloman, Holloman-Gypsum Land, Hollomex loam, 1-9% slope, dry, Largo loams, Milner loam, 0-2% slope, dry, Reagan loam, Reakor, Reakor-Bigetty, Reakor-Tencee, Reeves loam, 0-2% slope, dry, Russler, Shanta, Upton-Reakor

Loamy, SD-3 Ecological Site
Loamy CP-2
Gyp Upland CP-2

April 4, 2006

<u>Common Name and Preferred Variety</u>	<u>Scientific Name</u>	<u>Pounds of Pure Live Seed Per Acre</u>
Blue grama,	(<i>Bouteloua gracilis</i>)	4.0
Sideoats grama,	(<i>Bouteloua curtipendula</i>)	1.0
Sand dropseed	(<i>Sporobolus cryptandrus</i>)	0.5
Vine mesquite	(<i>Panicum obtusum</i>)	1.0
Plains bristlegrass	(<i>Setaria macrostachya</i>)	1.0
Indian blanketflower	(<i>Gaillardia aristata</i>)	0.5
Desert or Scarlet Globemallow	(<i>Sphaeralcea ambigua</i>) or (<i>S. coccinea</i>)	1.0
Annual sunflower	(<i>Helianthus annuus</i>)	0.75
TOTAL POUNDS PURE LIVE SEED (pls) PER ACRE		9.75
Certified Weed Free Seed		

If one species is not available, increase ALL others proportionately.
Use No Less than 4 species, including one forb.

No less than 9.75 pounds pls per acre shall be applied

APPROVED: /s/ Douglas J. Burger
District Manager, Pecos District



APPENDIX C

Photographic Documentation

Project: NIMITZ MDP1 13 1 Federal Com. #171H
Entity: Oxy USA, Inc
Incident ID: nAPP2336151910



View of initial release prior to remediation activities, facing west (12/28/2023).



View of initial release in pasture prior to remediation activities, facing north (12/28/2023).

Project: NIMITZ MDP1 13 1 Federal Com. #171H
Entity: Oxy USA, Inc
Incident ID: nAPP2336151910



View of excavation extent during remediation activities, facing west (04/08/2024).



View of excavation extent in pasture during remediation activities, facing north (04/08/2024).

Project: NIMITZ MDP1 13 1 Federal Com. #171H

Entity: Oxy USA, Inc

Incident ID: nAPP2336151910



Date & Time: Thu, May 09, 2024 at 10:27:50 MDT
Position: 032.212755°N / 103.839516°W (± 13.0 ft)
Altitude: 3459ft (± 7.9 ft)
Datum: WGS-84
Azimuth/Bearing: 009° N09E 0160mils True ($\pm 11^\circ$)
Elevation Angle: -12.4°
Horizon Angle: -00.9°
Zoom: 0.5X



View of excavation extent during remediation activities, facing north (05/09/2024).

Date & Time: Thu, May 09, 2024 at 10:28:29 MDT
Position: 032.212620°N / 103.839294°W (± 15.6 ft)
Altitude: 3459ft (± 11.0 ft)
Datum: WGS-84
Azimuth/Bearing: 343° N17W 6098mils True ($\pm 10^\circ$)
Elevation Angle: -01.8°
Horizon Angle: -00.1°
Zoom: 0.5X



View of excavation extent in pasture during remediation activities, facing northwest (04/08/2024).

Project: NIMITZ MDP1 13 1 Federal Com. #171H

Entity: Oxy USA, Inc

Incident ID: nAPP2336151910



View of excavation extent in pasture post backfill and reseedling activities, facing south (06/19/2024).



View of excavation extent post backfill and dust suppression activities, facing northeast (06/19/2024).

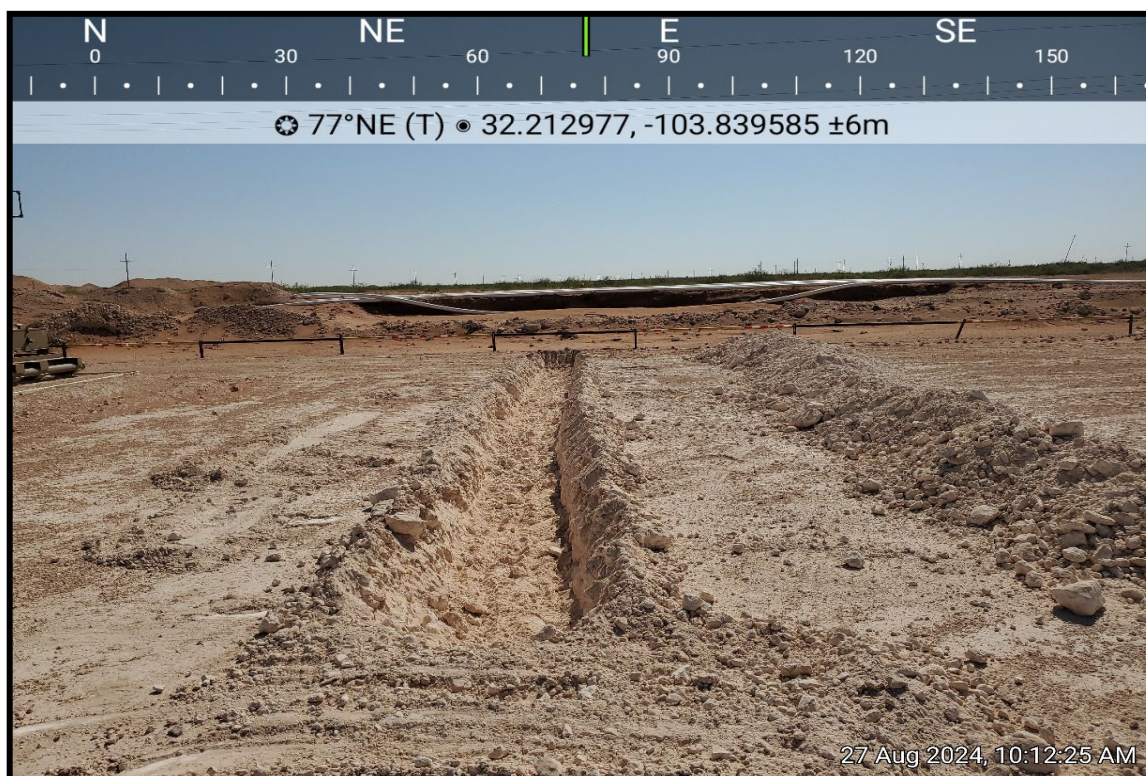
Project: NIMITZ MDP1 13 1 Federal Com. #171H

Entity: Oxy USA, Inc

Incident ID: nAPP2336151910



View of excavation extent during additional remediation activities, facing northwest (08/27/2024).



View of excavation extent during additional remediation activities, facing northeast (08/27/2024).

Project: NIMITZ MDP1 13 1 Federal Com. #171H

Entity: Oxy USA, Inc

Incident ID: nAPP2336151910



View of excavation extent post backfill activities, facing west (06/25/2025).



View of excavation post backfill activities, facing southeast (06/25/2025).



APPENDIX D

Table

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 NIMITZ MDP1 13 1 Federal Com. #171H
 Oxy USA, Inc.
 Eddy County, New Mexico
 Ensolum Project No. 03B1417137

Sample Designation	Date	Depth (inches bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release (> 100 feet)			10	NE	NE	NE	50	1,000		NE	2,500	20,000
Composite Floor Soil Sample Analytical Results												
FS-1	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	100		25.8	126	768
FS-2	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	96.2		<10.0	96.2	1,200
FS-3	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	138		<10.0	138	1,020
FS-4	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	222		19.8	242	1,780
FS-5	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	92.2		<10.0	92.2	304
FS-6	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	579		55.1	634	4,720
FS-7	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	484		64.8	549	4,000
FS-8	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	717		108	825	5,120
FS-9	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	66.9		<10.0	66.9	864
FS-10	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	334		59.7	394	4,960
FS-11	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	65.0		<10.0	65.0	1,260
FS-12	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	17.3		<10.0	17.3	336
FS-13	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	160
FS-14	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	29.8		<10.0	29.8	320
FS-15	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	43.9		<10.0	43.9	816
FS-16	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	65.5		<10.0	65.5	1,570
FS-17	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	360		18.3	378	3,600
FS-18	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	2,880		81.3	2,961	6,000
	04/08/2024	18	NS					2,930		307	3,237	NS
	05/09/2024	48	NS					<10.0		<10.0	<10.0	NS
FS-19	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	446		48.3	494	2,800
FS-20	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	257		<10.0	257	1,170
FS-21	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	57.0		<10.0	57.0	880
FS-22	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	132		<10.0	132	1,070
FS-23	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	35.0		<10.0	35.0	464
FS-24	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	39.3		<10.0	39.3	448
FS-25	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	31.0		<10.0	31.0	688
FS-26	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	124		<10.0	124	1,960
FS-27	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	97.9		<10.0	97.9	1,010
FS-28	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	113		<10.0	113	2,520
FS-29	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	87.0		<10.0	87.0	496
FS-30	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	27.7		<10.0	27.7	160
FS-31	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	106		<10.0	106	2,200
FS-32	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	32.0		<10.0	32.0	416

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 NIMITZ MDP1 13 1 Federal Com. #171H
 Oxy USA, Inc.
 Eddy County, New Mexico
 Ensolum Project No. 03B1417137

Sample Designation	Date	Depth (inches bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release (> 100 feet)			10	NE	NE	NE	50	1,000		NE	2,500	20,000
FS-33	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	322		14.3	336	1,880
FS-34	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	239		39.3	278	528
FS-35	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	57.8		<10.0	57.8	176
FS-36	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	51.5		<10.0	51.5	400
FS-37	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	63.7		<10.0	63.7	400
FS-38	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	12.2		<10.0	12.2	128
FS-39	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	128
FS-40	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	160
FS-41	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	19.7		<10.0	19.7	272
FS-42	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	96.0
FS-43	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	10.9		<10.0	10.9	272
FS-44	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	214		31.5	246	368
FS-45	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	150		18.2	168	1,340
	04/08/2024	24	NS					304		48.7	353	1,200
FS-46	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	32.5		<10.0	32.5	752
FS-47	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0		<10.0	<10.0	64.0
FS-48	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	104		<10.0	104	304
FS-49	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	126		<10.0	126	1,250
	04/08/2024	24	NS					1,160		219	1,379	3,240
	05/09/2024	48	NS					<10.0		<10.0	<10.0	NS
FS-50	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	92.7		<10.0	92.7	592
FS-51	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	192		22.4	214	4,240
	04/08/2024	24	NS					815		169	984	3,440
FS-52	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	188		13.3	201	2,680
FS-53	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	94.6		<10.0	94.6	1,170
	04/08/2024	24	NS					NS				3,360
FS-54	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	104		<10.0	104	240
FS-55	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	120		18.2	138	624
	04/08/2024	24	NS					699		122	821	3,600
FS-56	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	150		22.0	172	4,240
FS-57	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	87.5		15.7	103	1,310
FS-58	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	264		52.7	317	3,720
	04/08/2024	24	NS					233		50.3	283	816
FS-59	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	62.0		<10.0	62.0	288

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 NIMITZ MDP1 13 1 Federal Com. #171H
 Oxy USA, Inc.
 Eddy County, New Mexico
 Ensolum Project No. 03B1417137

Sample Designation	Date	Depth (inches bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release (> 100 feet)			10	NE	NE	NE	50	1,000	NE	2,500	20,000	
FS-60	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	62.0	<10.0	62.0	9,460	
FS-61	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	74.5	13.8	88.3	432	
FS-62	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	271	23.6	295	3,280	
	04/08/2024	24	NS					504	93.9	598	1,330	
FS-63	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	140	21.6	162	1,300	
	04/08/2024	24	NS					663	133	796	1,070	
FS-64	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	151	15.5	167	1,920	
FS-65	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	87.0	<10.0	87.0	864	
	04/08/2024	24	NS					NS			1,220	
FS-66	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	85.5	<10.0	85.5	528	
FS-67	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	128	
FS-68	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	80.0	
FS-69	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	59.6	<10.0	59.6	1,070	
	04/08/2024	24	NS					NS			768	
FS-70	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	55.1	<10.0	55.1	800	
	04/08/2024	24	NS					NS			304	
FS-71	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	50.4	<10.0	50.4	736	
	04/08/2024	24	NS					NS			272	
FS-72	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	64.0	
FS-73	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	16.0	
FS-74	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	16.0	
FS-75	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	48.0	
FS-76	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	16.0	
FS-77	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	48.0	
FS-78	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<16.0	
FS-79	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.0	
FS-80	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.0	
FS-81	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	21.1	<10.0	21.1	160	
FS-82	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	40.4	<10.0	40.4	176	
FS-83	2/29/2024*	18	<0.050	<0.050	<0.050	<0.150	<0.300	323	77.6	401	384	
	04/08/2024	48	NS					859	255	1,114	NS	
FS-84	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	21.7	<10.0	21.7	128	
FS-85	2/29/2024*	18	<0.050	<0.050	<0.050	<0.150	<0.300	87.1	15.3	102	224	
	04/08/2024	48	NS					89.4	15.8	105	NS	

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SOIL SAMPLE ANALYTICAL RESULTS
 NIMITZ MDP1 13 1 Federal Com. #171H
 Oxy USA, Inc.
 Eddy County, New Mexico
 Ensolum Project No. 03B1417137

Sample Designation	Date	Depth (inches bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release (> 100 feet)			10	NE	NE	NE	50	1,000	NE	2,500	20,000	
FS-86	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	32.7	<10.0	32.7	160	
FS-87	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	2,380	507	2,887	10,800	
	04/08/2024	36	NS					635	199	834	2,800	
	05/09/2024	48	NS					NS			64.0	
FS-88	02/29/2024*	18	<0.050	<0.050	<0.050	<0.150	<0.300	328	50.0	378	560	
	04/08/2024*	36	NS					64.0	12.7	76.7	NS	
FS-89	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	54.1	<10.0	54.1	192	
FS-90	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	54.8	<10.0	54.8	160	
FS-91	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	13.9	<10.0	13.9	144	
FS-92	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	266	55.3	321	688	
	04/08/2024	24	NS					462	134	596	2,240	
	05/09/2024	48	NS					NS			32.0	
FS-93	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	35.5	<10.0	35.5	288	
FS-94	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	27.1	<10.0	27.1	192	
FS-95	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.0	
FS-96	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	23.1	<10.0	23.1	240	
FS-97	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	48.0	
FS-98	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	48.0	
FS-99	02/29/2024*	18	<0.050	<0.050	<0.050	<0.150	<0.300	318	43.8	362	656	
	04/08/2024*	24	NS					91.8	11.8	104	688	
	05/09/2024	48	NS					NS			80.0	
FS-100	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	48.0	
FS-101	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	19.0	<10.0	19.0	128	
FS-102	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	<10.0	16.0	128	
FS-103	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	10.4	<10.0	10.4	176	
FS-104	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	40.0	<10.0	40.0	80.0	
FS-105	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	48.0	
FS-106	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	132	20.7	153	192	
FS-107	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	59.8	<10.0	59.8	192	
FS-108	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.0	
FS-109	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	16.0	
FS-110	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.0	
FS-111	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	80.0	
FS-112	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	16.0	
FS-113	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	48.0	
FS-114	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	48.0	
FS-115	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	96.0	

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 NIMITZ MDP1 13 1 Federal Com. #171H
 Oxy USA, Inc.
 Eddy County, New Mexico
 Ensolum Project No. 03B1417137

Sample Designation	Date	Depth (inches bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release (> 100 feet)			10	NE	NE	NE	50	1,000	NE	2,500	20,000	
FS-116	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
FS-117	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
FS-118	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-119	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-120	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-121	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-122	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
FS-123	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-124	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-125	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
FS-126	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-127	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-128	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-129	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-130	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
FS-131	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-132	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-133	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-134	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	10.8	<10.0	10.8	10.8	16.0
FS-135	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
FS-136	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	12.9	<10.0	12.9	12.9	144
FS-137	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-138	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-139	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	17.8	<10.0	17.8	17.8	96.0
FS-140	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	13.3	<10.0	13.3	13.3	112
FS-141	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-142	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-143	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
FS-144	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	31.1	<10.0	31.1	31.1	144
FS-145	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
FS-146	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
FS-147	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-148	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
FS-149	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	10.1	<10.0	10.1	10.1	64.0

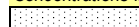
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 NIMITZ MDP1 13 1 Federal Com. #171H
 Oxy USA, Inc.
 Eddy County, New Mexico
 Ensolum Project No. 03B1417137

Sample Designation	Date	Depth (inches bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release (> 100 feet)			10	NE	NE	NE	50	1,000	NE	2,500	20,000	
FS-150	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	10.8	<10.0	<10.0	10.8	32.0
FS-151	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FS-152	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	59.0	10.7	69.7	176	
FS-153	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
FS-154	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	42.2	<10.0	42.2	192	
FS-155	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	12.4	<10.0	12.4	48.0	
FS-156	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
FS-157	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
FS-158	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	12.4	<10.0	12.4	48.0	
FS-159	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
FS-160	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
FS-161	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	31.7	<10.0	31.7	112	
FS-162	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-163	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS-164	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	21.6	<10.0	21.6	32.0	
FS-165	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	23.8	<10.0	23.8	64.0	
FS-166	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	19.2	<10.0	19.2	64.0	
FS-167	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	19.5	<10.0	19.5	80.0	
FS-168	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	16.1	<10.0	16.1	32.0	
FS-169	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	18.2	<10.0	18.2	32.0	
FS-170	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 NIMITZ MDP1 13 1 Federal Com. #171H
 Oxy USA, Inc.
 Eddy County, New Mexico
 Ensolum Project No. 03B1417137

Sample Designation	Date	Depth (inches bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release (> 100 feet)			10	NE	NE	NE	50	1,000		NE	2,500	20,000
Delineation Soil Sample Analytical Results												
DS-1	02/29/2024	3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
DS-2	02/29/2024	3	<0.050	<0.050	<0.050	<0.150	<0.300	30.8	<10.0	<10.0	30.8	64.0
DS-3	02/29/2024	3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
DS-4	02/29/2024	3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
DS-5	02/29/2024	3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
DS-6	02/29/2024	3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	544
DS-7	02/29/2024	3	<0.050	<0.050	<0.050	<0.150	<0.300	201	<10.0	<10.0	201	832
DS-8	02/29/2024	3	<0.050	<0.050	<0.050	<0.150	<0.300	415	11.1	11.1	426	2,840
DS-9	02/29/2024	3	<0.050	<0.050	<0.050	<0.150	<0.300	141	28.6	28.6	170	176
DS-10	02/29/2024	3	<0.050	<0.050	<0.050	<0.150	<0.300	174	78.1	78.1	252	1,040

Concentrations in **bold** and yellow exceed the New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release (> 100 feet)

 Additional Excavation and/or Re-Sample

*: Laboratory Analytical Results Indicate Concentrations Exceeding NMAC 19.15.29 Table 1 Closure Criteria Limit (≤ 50 feet)

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

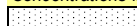
MRO: Motor Oil/Lube Oil Range Organics

TPH: Total Petroleum Hydrocarbon

TABLE 2
SIDEWALL SOIL SAMPLE ANALYTICAL RESULTS
 NIMITZ MDP1 13 1 Federal Com. #171H
 Oxy USA, Inc.
 Eddy County, New Mexico
 Ensolum Project No. 03B1417137

Sample Designation	Date	Depth (inches bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release (≤ 50 feet)			10	NE	NE	NE	50	NE	NE	NE	100	600
Composite Sidewall Soil Sample Analytical Results												
SW-1	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	95.7	20.6	116	432
	08/27/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
SW-2	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	192
SW-3	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	176	48.4	224	1,390
	08/27/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
SW-4	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
SW-5	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
SW-6	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
SW-7	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	16.1	<10.0	16.1	208
SW-8	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	94.6	19.9	115	496
	08/28/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
SW-9	02/29/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	202	11.1	213	2,600
	08/27/2024	18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	208
SW-18	05/09/2024	0 - 48	NS									48.0
SW-49	05/09/2024	0 - 48	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SW-87	05/09/2024	0 - 48	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
SW-92	05/09/2024	0 - 48	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
SW-99	05/09/2024	0 - 48	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0

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

 Additional Excavation and/or Re-Sample

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



TABLE 3
BACKFILL SOIL SAMPLE ANALYTICAL RESULTS
 Twin Wells Caliche Pit
 Oxy USA, Inc.
 Eddy County, New Mexico
 Ensolum Project No. NA

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release (≤ 50 feet)			10	NE	NE	NE	50	NE	NE	NE	100	600
Composite Background Soil Sample Analytical Result												
Twin Wells Caliche Pit	09/09/2024	NA	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0

bgs: below ground surface

mg/kg: milligrams per kilogram

NA: Not Applicable

NE: Not Established

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

MRO: Motor Oil/Lube Oil Range Organics

TPH: Total Petroleum Hydrocarbon



APPENDIX E

Laboratory Analytical Reports & Chain-of-Custody Documentation



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

March 06, 2024

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

RE: NIMITZ MDP13 1 FED COM #171H

Enclosed are the results of analyses for samples received by the laboratory on 03/01/24 15:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 1 18" (H241046-01)

BTX 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	03/04/2024	ND	2.22	111	2.00	8.07		
Toluene*	<0.050	0.050	03/04/2024	ND	2.06	103	2.00	8.73		
Ethylbenzene*	<0.050	0.050	03/04/2024	ND	2.06	103	2.00	10.4		
Total Xylenes*	<0.150	0.150	03/04/2024	ND	6.14	102	6.00	10.2		
Total BTX	<0.300	0.300	03/04/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	768	16.0	03/05/2024	ND	448	112	400	3.64		

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	03/04/2024	ND	201	101	200	0.192	
DRO >C10-C28*	100	10.0	03/04/2024	ND	188	93.8	200	1.94	
EXT DRO >C28-C36	25.8	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 66.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.3 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 2 18" (H241046-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2024	ND	2.22	111	2.00	8.07		
Toluene*	<0.050	0.050	03/04/2024	ND	2.06	103	2.00	8.73		
Ethylbenzene*	<0.050	0.050	03/04/2024	ND	2.06	103	2.00	10.4		
Total Xylenes*	<0.150	0.150	03/04/2024	ND	6.14	102	6.00	10.2		
Total BTEX	<0.300	0.300	03/04/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1200	16.0	03/05/2024	ND	448	112	400	3.64		

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	03/04/2024	ND	201	101	200	0.192	
DRO >C10-C28*	96.2	10.0	03/04/2024	ND	188	93.8	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 67.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.1 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 3 18" (H241046-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2024	ND	2.22	111	2.00	8.07		
Toluene*	<0.050	0.050	03/04/2024	ND	2.06	103	2.00	8.73		
Ethylbenzene*	<0.050	0.050	03/04/2024	ND	2.06	103	2.00	10.4		
Total Xylenes*	<0.150	0.150	03/04/2024	ND	6.14	102	6.00	10.2		
Total BTEX	<0.300	0.300	03/04/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1020	16.0	03/05/2024	ND	448	112	400	3.64		

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	03/04/2024	ND	201	101	200	0.192	
DRO >C10-C28*	138	10.0	03/04/2024	ND	188	93.8	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 74.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.3 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 4 18" (H241046-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2024	ND	2.22	111	2.00	8.07		
Toluene*	<0.050	0.050	03/04/2024	ND	2.06	103	2.00	8.73		
Ethylbenzene*	<0.050	0.050	03/04/2024	ND	2.06	103	2.00	10.4		
Total Xylenes*	<0.150	0.150	03/04/2024	ND	6.14	102	6.00	10.2		
Total BTEX	<0.300	0.300	03/04/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1780	16.0	03/05/2024	ND	448	112	400	3.64		

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	03/04/2024	ND	201	101	200	0.192	
DRO >C10-C28*	222	10.0	03/04/2024	ND	188	93.8	200	1.94	
EXT DRO >C28-C36	19.8	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 74.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 5 18" (H241046-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.22	111	2.00	8.07		
Toluene*	<0.050	0.050	03/05/2024	ND	2.06	103	2.00	8.73		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.06	103	2.00	10.4		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.14	102	6.00	10.2		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	03/05/2024	ND	448	112	400	3.64		

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	03/05/2024	ND	201	101	200	0.192	
DRO >C10-C28*	92.2	10.0	03/05/2024	ND	188	93.8	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 67.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.5 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 6 18" (H241046-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.22	111	2.00	8.07		
Toluene*	<0.050	0.050	03/05/2024	ND	2.06	103	2.00	8.73		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.06	103	2.00	10.4		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.14	102	6.00	10.2		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4720	16.0	03/05/2024	ND	448	112	400	3.64		

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	03/05/2024	ND	201	101	200	0.192	
DRO >C10-C28*	579	10.0	03/05/2024	ND	188	93.8	200	1.94	
EXT DRO >C28-C36	55.1	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 74.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 7 18" (H241046-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.22	111	2.00	8.07		
Toluene*	<0.050	0.050	03/05/2024	ND	2.06	103	2.00	8.73		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.06	103	2.00	10.4		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.14	102	6.00	10.2		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4000	16.0	03/05/2024	ND	448	112	400	3.64		

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	03/05/2024	ND	201	101	200	0.192	
DRO >C10-C28*	484	10.0	03/05/2024	ND	188	93.8	200	1.94	
EXT DRO >C28-C36	64.8	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 69.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.0 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 8 18" (H241046-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.22	111	2.00	8.07		
Toluene*	<0.050	0.050	03/05/2024	ND	2.06	103	2.00	8.73		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.06	103	2.00	10.4		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.14	102	6.00	10.2		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5120	16.0	03/05/2024	ND	448	112	400	3.64		

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	03/04/2024	ND	199	99.4	200	3.25	
DRO >C10-C28*	717	10.0	03/04/2024	ND	185	92.7	200	4.33	QM-07
EXT DRO >C28-C36	108	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 9 18" (H241046-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.22	111	2.00	8.07		
Toluene*	<0.050	0.050	03/05/2024	ND	2.06	103	2.00	8.73		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.06	103	2.00	10.4		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.14	102	6.00	10.2		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	864	16.0	03/05/2024	ND	448	112	400	3.64		

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	03/04/2024	ND	199	99.4	200	3.25	
DRO >C10-C28*	66.9	10.0	03/04/2024	ND	185	92.7	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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Analytical Results For:

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

Received: 03/01/2024
 Reported: 03/06/2024
 Project Name: NIMITZ MDP13 1 FED COM #171H
 Project Number: 03B1417137
 Project Location: EDDY CO NM

Sampling Date: 02/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: FS - 10 18" (H241046-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.22	111	2.00	8.07		
Toluene*	<0.050	0.050	03/05/2024	ND	2.06	103	2.00	8.73		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.06	103	2.00	10.4		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.14	102	6.00	10.2		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4960	16.0	03/05/2024	ND	448	112	400	3.64		

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	03/04/2024	ND	199	99.4	200	3.25	
DRO >C10-C28*	334	10.0	03/04/2024	ND	185	92.7	200	4.33	
EXT DRO >C28-C36	59.7	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 11 18" (H241046-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.22	111	2.00	8.07		
Toluene*	<0.050	0.050	03/05/2024	ND	2.06	103	2.00	8.73		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.06	103	2.00	10.4		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.14	102	6.00	10.2		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1260	16.0	03/05/2024	ND	448	112	400	3.64		

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	03/04/2024	ND	199	99.4	200	3.25	
DRO >C10-C28*	65.0	10.0	03/04/2024	ND	185	92.7	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.6 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 12 18" (H241046-12)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	3.08		
Toluene*	<0.050	0.050	03/05/2024	ND	2.17	109	2.00	3.28		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.13	107	2.00	3.22		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.21	103	6.00	3.39		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	03/05/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	199	99.4	200	3.25	
DRO >C10-C28*	17.3	10.0	03/04/2024	ND	185	92.7	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.5 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 13 18" (H241046-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	3.08		
Toluene*	<0.050	0.050	03/05/2024	ND	2.17	109	2.00	3.28		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.13	107	2.00	3.22		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.21	103	6.00	3.39		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	03/05/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	199	99.4	200	3.25	
DRO >C10-C28*	<10.0	10.0	03/04/2024	ND	185	92.7	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 14 18" (H241046-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	3.08		
Toluene*	<0.050	0.050	03/05/2024	ND	2.17	109	2.00	3.28		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.13	107	2.00	3.22		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.21	103	6.00	3.39		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	03/05/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	199	99.4	200	3.25	
DRO >C10-C28*	29.8	10.0	03/04/2024	ND	185	92.7	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 68.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 15 18" (H241046-15)

BTX 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	03/05/2024	ND	2.20	110	2.00	3.08		
Toluene*	<0.050	0.050	03/05/2024	ND	2.17	109	2.00	3.28		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.13	107	2.00	3.22		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.21	103	6.00	3.39		
Total BTX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	03/05/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	199	99.4	200	3.25	
DRO >C10-C28*	43.9	10.0	03/04/2024	ND	185	92.7	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 16 18" (H241046-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	3.08		
Toluene*	<0.050	0.050	03/05/2024	ND	2.17	109	2.00	3.28		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.13	107	2.00	3.22		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.21	103	6.00	3.39		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1570	16.0	03/05/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	199	99.4	200	3.25	
DRO >C10-C28*	65.5	10.0	03/04/2024	ND	185	92.7	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 17 18" (H241046-17)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	3.08	
Toluene*	<0.050	0.050	03/05/2024	ND	2.17	109	2.00	3.28	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.13	107	2.00	3.22	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.21	103	6.00	3.39	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3600	16.0	03/05/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	199	99.4	200	3.25	
DRO >C10-C28*	360	10.0	03/04/2024	ND	185	92.7	200	4.33	
EXT DRO >C28-C36	18.3	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 18 18" (H241046-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	3.08		
Toluene*	<0.050	0.050	03/05/2024	ND	2.17	109	2.00	3.28		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.13	107	2.00	3.22		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.21	103	6.00	3.39		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6000	16.0	03/05/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	199	99.4	200	3.25	
DRO >C10-C28*	2880	10.0	03/04/2024	ND	185	92.7	200	4.33	
EXT DRO >C28-C36	81.3	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 19 18" (H241046-19)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	3.08		
Toluene*	<0.050	0.050	03/05/2024	ND	2.17	109	2.00	3.28		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.13	107	2.00	3.22		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.21	103	6.00	3.39		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2800	16.0	03/05/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	199	99.4	200	3.25	
DRO >C10-C28*	446	10.0	03/04/2024	ND	185	92.7	200	4.33	
EXT DRO >C28-C36	48.3	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 20 18" (H241046-20)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	3.08		
Toluene*	<0.050	0.050	03/05/2024	ND	2.17	109	2.00	3.28		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.13	107	2.00	3.22		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.21	103	6.00	3.39		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1170	16.0	03/05/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	199	99.4	200	3.25	
DRO >C10-C28*	257	10.0	03/04/2024	ND	185	92.7	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 21 18" (H241046-21)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	3.08		
Toluene*	<0.050	0.050	03/05/2024	ND	2.17	109	2.00	3.28		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.13	107	2.00	3.22		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.21	103	6.00	3.39		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	03/05/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	199	99.4	200	3.25	
DRO >C10-C28*	57.0	10.0	03/04/2024	ND	185	92.7	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 22 18" (H241046-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	3.08		
Toluene*	<0.050	0.050	03/05/2024	ND	2.17	109	2.00	3.28		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.13	107	2.00	3.22		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.21	103	6.00	3.39		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1070	16.0	03/05/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	199	99.4	200	3.25	
DRO >C10-C28*	132	10.0	03/04/2024	ND	185	92.7	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 23 18" (H241046-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	3.08		
Toluene*	<0.050	0.050	03/05/2024	ND	2.17	109	2.00	3.28		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.13	107	2.00	3.22		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.21	103	6.00	3.39		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	03/05/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	199	99.4	200	3.25	
DRO >C10-C28*	35.0	10.0	03/04/2024	ND	185	92.7	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/01/2024
 Reported: 03/06/2024
 Project Name: NIMITZ MDP13 1 FED COM #171H
 Project Number: 03B1417137
 Project Location: EDDY CO NM

Sampling Date: 02/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: FS - 24 18" (H241046-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	3.08		
Toluene*	<0.050	0.050	03/05/2024	ND	2.17	109	2.00	3.28		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.13	107	2.00	3.22		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.21	103	6.00	3.39		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	03/05/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	199	99.4	200	3.25	
DRO >C10-C28*	39.3	10.0	03/05/2024	ND	185	92.7	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 25 18" (H241046-25)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	3.08		
Toluene*	<0.050	0.050	03/05/2024	ND	2.17	109	2.00	3.28		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.13	107	2.00	3.22		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.21	103	6.00	3.39		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	688	16.0	03/05/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	199	99.4	200	3.25	
DRO >C10-C28*	31.0	10.0	03/05/2024	ND	185	92.7	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.5 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 26 18" (H241046-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	3.08		
Toluene*	<0.050	0.050	03/05/2024	ND	2.17	109	2.00	3.28		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.13	107	2.00	3.22		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.21	103	6.00	3.39		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1960	16.0	03/05/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	199	99.4	200	3.25	
DRO >C10-C28*	124	10.0	03/05/2024	ND	185	92.7	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 27 18" (H241046-27)

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	03/05/2024	ND	2.20	110	2.00	3.08		
Toluene*	<0.050	0.050	03/05/2024	ND	2.17	109	2.00	3.28		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.13	107	2.00	3.22		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.21	103	6.00	3.39		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1010	16.0	03/05/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	199	99.4	200	3.25	
DRO >C10-C28*	97.9	10.0	03/05/2024	ND	185	92.7	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 28 18" (H241046-28)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	3.08		
Toluene*	<0.050	0.050	03/05/2024	ND	2.17	109	2.00	3.28		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.13	107	2.00	3.22		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.21	103	6.00	3.39		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2520	16.0	03/05/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	227	113	200	2.64	
DRO >C10-C28*	113	10.0	03/04/2024	ND	217	108	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 29 18" (H241046-29)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	3.08		
Toluene*	<0.050	0.050	03/05/2024	ND	2.17	109	2.00	3.28		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.13	107	2.00	3.22		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.21	103	6.00	3.39		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	03/05/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	227	113	200	2.64	
DRO >C10-C28*	87.0	10.0	03/04/2024	ND	217	108	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 30 18" (H241046-30)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	3.08		
Toluene*	<0.050	0.050	03/05/2024	ND	2.17	109	2.00	3.28		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.13	107	2.00	3.22		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.21	103	6.00	3.39		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	03/05/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	227	113	200	2.64	
DRO >C10-C28*	27.7	10.0	03/04/2024	ND	217	108	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 31 18" (H241046-31)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	3.08	
Toluene*	<0.050	0.050	03/05/2024	ND	2.17	109	2.00	3.28	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.13	107	2.00	3.22	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.21	103	6.00	3.39	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	03/05/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	227	113	200	2.64	
DRO >C10-C28*	106	10.0	03/04/2024	ND	217	108	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 32 18" (H241046-32)

BTEx 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	1.14	
Toluene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	1.34	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	1.86	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.53	109	6.00	0.954	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	03/05/2024	ND	432	108	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	227	113	200	2.64	
DRO >C10-C28*	32.0	10.0	03/04/2024	ND	217	108	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 33 18" (H241046-33)

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	03/05/2024	ND	2.20	110	2.00	1.14	
Toluene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	1.34	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	1.86	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.53	109	6.00	0.954	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1880	16.0	03/05/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	227	113	200	2.64	
DRO >C10-C28*	322	10.0	03/04/2024	ND	217	108	200	5.62	
EXT DRO >C28-C36	14.3	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 34 18" (H241046-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	1.14		
Toluene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	1.34		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	1.86		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.53	109	6.00	0.954		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	227	113	200	2.64	
DRO >C10-C28*	239	10.0	03/04/2024	ND	217	108	200	5.62	
EXT DRO >C28-C36	39.3	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 35 18" (H241046-35)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	1.14		
Toluene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	1.34		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	1.86		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.53	109	6.00	0.954		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	227	113	200	2.64	
DRO >C10-C28*	57.8	10.0	03/04/2024	ND	217	108	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 36 18" (H241046-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	1.14		
Toluene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	1.34		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	1.86		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.53	109	6.00	0.954		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	227	113	200	2.64	
DRO >C10-C28*	51.5	10.0	03/04/2024	ND	217	108	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 37 18" (H241046-37)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	1.14	
Toluene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	1.34	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	1.86	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.53	109	6.00	0.954	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	03/05/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	227	113	200	2.64	
DRO >C10-C28*	63.7	10.0	03/04/2024	ND	217	108	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 38 18" (H241046-38)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	1.14		
Toluene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	1.34		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	1.86		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.53	109	6.00	0.954		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	227	113	200	2.64	
DRO >C10-C28*	12.2	10.0	03/04/2024	ND	217	108	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 39 18" (H241046-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	1.14		
Toluene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	1.34		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	1.86		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.53	109	6.00	0.954		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	227	113	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/04/2024	ND	217	108	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 40 18" (H241046-40)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	1.14		
Toluene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	1.34		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	1.86		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.53	109	6.00	0.954		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	227	113	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/04/2024	ND	217	108	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 41 18" (H241046-41)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	1.14		
Toluene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	1.34		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	1.86		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.53	109	6.00	0.954		
Total BTEx	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	227	113	200	2.64	
DRO >C10-C28*	19.7	10.0	03/05/2024	ND	217	108	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 42 18" (H241046-42)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	1.14		
Toluene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	1.34		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	1.86		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.53	109	6.00	0.954		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	227	113	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	217	108	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.3 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 43 18" (H241046-43)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	1.14		
Toluene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	1.34		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	1.86		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.53	109	6.00	0.954		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	227	113	200	2.64	
DRO >C10-C28*	10.9	10.0	03/05/2024	ND	217	108	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 44 18" (H241046-44)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	1.14		
Toluene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	1.34		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	1.86		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.53	109	6.00	0.954		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	227	113	200	2.64	
DRO >C10-C28*	214	10.0	03/05/2024	ND	217	108	200	5.62	
EXT DRO >C28-C36	31.5	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 45 18" (H241046-45)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	1.14	
Toluene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	1.34	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	1.86	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.53	109	6.00	0.954	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1340	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	227	113	200	2.64	
DRO >C10-C28*	150	10.0	03/05/2024	ND	217	108	200	5.62	
EXT DRO >C28-C36	18.2	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 46 18" (H241046-46)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	1.14		
Toluene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	1.34		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	1.86		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.53	109	6.00	0.954		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	752	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	227	113	200	2.64	
DRO >C10-C28*	32.5	10.0	03/05/2024	ND	217	108	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 47 18" (H241046-47)

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	03/05/2024	ND	2.20	110	2.00	1.14		
Toluene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	1.34		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	1.86		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.53	109	6.00	0.954		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	227	113	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	217	108	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 48 18" (H241046-48)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	1.14		
Toluene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	1.34		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	1.86		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.53	109	6.00	0.954		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	228	114	200	10.5	
DRO >C10-C28*	104	10.0	03/05/2024	ND	221	111	200	8.36	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 49 18" (H241046-49)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	1.14		
Toluene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	1.34		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	1.86		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.53	109	6.00	0.954		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1250	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	228	114	200	10.5	
DRO >C10-C28*	126	10.0	03/05/2024	ND	221	111	200	8.36	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 50 18" (H241046-50)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	1.14		
Toluene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	1.34		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	1.86		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.53	109	6.00	0.954		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	228	114	200	10.5	
DRO >C10-C28*	92.7	10.0	03/05/2024	ND	221	111	200	8.36	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 51 18" (H241046-51)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.20	110	2.00	1.14	
Toluene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	1.34	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	1.86	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.53	109	6.00	0.954	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4240	16.0	03/05/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	228	114	200	10.5	
DRO >C10-C28*	192	10.0	03/05/2024	ND	221	111	200	8.36	
EXT DRO >C28-C36	22.4	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 52 18" (H241046-52)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.54	
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.25	104	6.00	3.97	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2680	16.0	03/05/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	228	114	200	10.5	
DRO >C10-C28*	188	10.0	03/05/2024	ND	221	111	200	8.36	
EXT DRO >C28-C36	13.3	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

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Analytical Results For:

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

Received: 03/01/2024
 Reported: 03/06/2024
 Project Name: NIMITZ MDP13 1 FED COM #171H
 Project Number: 03B1417137
 Project Location: EDDY CO NM

Sampling Date: 02/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: FS - 53 18" (H241046-53)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.54	
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.25	104	6.00	3.97	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16.0	03/05/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	228	114	200	10.5	
DRO >C10-C28*	94.6	10.0	03/05/2024	ND	221	111	200	8.36	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/01/2024
 Reported: 03/06/2024
 Project Name: NIMITZ MDP13 1 FED COM #171H
 Project Number: 03B1417137
 Project Location: EDDY CO NM

Sampling Date: 02/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: FS - 54 18" (H241046-54)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.54	
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.25	104	6.00	3.97	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/05/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	228	114	200	10.5	
DRO >C10-C28*	104	10.0	03/05/2024	ND	221	111	200	8.36	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/01/2024
 Reported: 03/06/2024
 Project Name: NIMITZ MDP13 1 FED COM #171H
 Project Number: 03B1417137
 Project Location: EDDY CO NM

Sampling Date: 02/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: FS - 55 18" (H241046-55)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.54	
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.25	104	6.00	3.97	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	03/05/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	228	114	200	10.5	
DRO >C10-C28*	120	10.0	03/05/2024	ND	221	111	200	8.36	
EXT DRO >C28-C36	18.2	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 49.1-148

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Analytical Results For:

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

Received: 03/01/2024
 Reported: 03/06/2024
 Project Name: NIMITZ MDP13 1 FED COM #171H
 Project Number: 03B1417137
 Project Location: EDDY CO NM

Sampling Date: 02/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: FS - 56 18" (H241046-56)

BTEx 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.54	
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.25	104	6.00	3.97	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4240	16.0	03/05/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	228	114	200	10.5	
DRO >C10-C28*	150	10.0	03/05/2024	ND	221	111	200	8.36	
EXT DRO >C28-C36	22.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 57 18" (H241046-57)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.54	
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.25	104	6.00	3.97	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1310	16.0	03/05/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	228	114	200	10.5	
DRO >C10-C28*	87.5	10.0	03/05/2024	ND	221	111	200	8.36	
EXT DRO >C28-C36	15.7	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 58 18" (H241046-58)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.54	
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.25	104	6.00	3.97	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3720	16.0	03/05/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	228	114	200	10.5	
DRO >C10-C28*	264	10.0	03/05/2024	ND	221	111	200	8.36	
EXT DRO >C28-C36	52.7	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received: 03/01/2024
 Reported: 03/06/2024
 Project Name: NIMITZ MDP13 1 FED COM #171H
 Project Number: 03B1417137
 Project Location: EDDY CO NM

Sampling Date: 02/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: FS - 59 18" (H241046-59)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.54	
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.25	104	6.00	3.97	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	03/05/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	228	114	200	10.5	
DRO >C10-C28*	62.0	10.0	03/05/2024	ND	221	111	200	8.36	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Analytical Results For:

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

Received: 03/01/2024
 Reported: 03/06/2024
 Project Name: NIMITZ MDP13 1 FED COM #171H
 Project Number: 03B1417137
 Project Location: EDDY CO NM

Sampling Date: 02/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: FS - 60 18" (H241046-60)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.54	
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.25	104	6.00	3.97	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9460	16.0	03/05/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	228	114	200	10.5	
DRO >C10-C28*	62.0	10.0	03/05/2024	ND	221	111	200	8.36	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.7 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 61 18" (H241046-61)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.54		
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.38		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	3.74		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.25	104	6.00	3.97		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	03/05/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	228	114	200	10.5	
DRO >C10-C28*	74.5	10.0	03/05/2024	ND	221	111	200	8.36	
EXT DRO >C28-C36	13.8	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.7 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 62 18" (H241046-62)

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	03/05/2024	ND	2.14	107	2.00	3.54		
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.38		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	3.74		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.25	104	6.00	3.97		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3280	16.0	03/05/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	228	114	200	10.5	
DRO >C10-C28*	271	10.0	03/05/2024	ND	221	111	200	8.36	
EXT DRO >C28-C36	23.6	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 63 18" (H241046-63)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.54		
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.38		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	3.74		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.25	104	6.00	3.97		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1300	16.0	03/05/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	228	114	200	10.5	
DRO >C10-C28*	140	10.0	03/05/2024	ND	221	111	200	8.36	
EXT DRO >C28-C36	21.6	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/01/2024
 Reported: 03/06/2024
 Project Name: NIMITZ MDP13 1 FED COM #171H
 Project Number: 03B1417137
 Project Location: EDDY CO NM

Sampling Date: 02/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: FS - 64 18" (H241046-64)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.54	
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.25	104	6.00	3.97	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	03/05/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	228	114	200	10.5	
DRO >C10-C28*	151	10.0	03/05/2024	ND	221	111	200	8.36	
EXT DRO >C28-C36	15.5	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 65 18" (H241046-65)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.54	
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.25	104	6.00	3.97	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	03/05/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	228	114	200	10.5	
DRO >C10-C28*	87.0	10.0	03/05/2024	ND	221	111	200	8.36	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 66 18" (H241046-66)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.54		
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.38		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	3.74		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.25	104	6.00	3.97		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	03/05/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	228	114	200	10.5	
DRO >C10-C28*	85.5	10.0	03/05/2024	ND	221	111	200	8.36	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 67 18" (H241046-67)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.54		
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.38		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	3.74		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.25	104	6.00	3.97		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	03/05/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	228	114	200	10.5	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	221	111	200	8.36	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 68 18" (H241046-68)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.54		
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.38		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	3.74		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.25	104	6.00	3.97		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/05/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	222	111	200	19.1	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	224	112	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 69 18" (H241046-69)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.54	
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.25	104	6.00	3.97	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	03/05/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	222	111	200	19.1	
DRO >C10-C28*	59.6	10.0	03/05/2024	ND	224	112	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 70 18" (H241046-70)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.54	
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.38	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.25	104	6.00	3.97	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	03/05/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	222	111	200	19.1	
DRO >C10-C28*	55.1	10.0	03/05/2024	ND	224	112	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 71 18" (H241046-71)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.54		
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	3.38		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	3.74		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.25	104	6.00	3.97		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	736	16.0	03/05/2024	ND	416	104	400	7.41		

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	03/05/2024	ND	222	111	200	19.1	
DRO >C10-C28*	50.4	10.0	03/05/2024	ND	224	112	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 72 18" (H241046-72)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.39	120	2.00	13.3	
Toluene*	<0.050	0.050	03/05/2024	ND	2.44	122	2.00	12.2	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.51	125	2.00	10.8	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	7.43	124	6.00	10.8	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/05/2024	ND	416	104	400	7.41	

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	03/05/2024	ND	222	111	200	19.1	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	224	112	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 73 18" (H241046-73)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.39	120	2.00	13.3		
Toluene*	<0.050	0.050	03/05/2024	ND	2.44	122	2.00	12.2		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.51	125	2.00	10.8		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	7.43	124	6.00	10.8		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/05/2024	ND	416	104	400	7.41		

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	03/05/2024	ND	222	111	200	19.1	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	224	112	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 75.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 74 18" (H241046-74)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.39	120	2.00	13.3	
Toluene*	<0.050	0.050	03/05/2024	ND	2.44	122	2.00	12.2	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.51	125	2.00	10.8	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	7.43	124	6.00	10.8	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/05/2024	ND	416	104	400	7.41	

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	03/05/2024	ND	222	111	200	19.1	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	224	112	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 75 18" (H241046-75)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.39	120	2.00	13.3		
Toluene*	<0.050	0.050	03/05/2024	ND	2.44	122	2.00	12.2		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.51	125	2.00	10.8		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	7.43	124	6.00	10.8		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/05/2024	ND	416	104	400	7.41		

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	03/05/2024	ND	222	111	200	19.1	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	224	112	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/01/2024
 Reported: 03/06/2024
 Project Name: NIMITZ MDP13 1 FED COM #171H
 Project Number: 03B1417137
 Project Location: EDDY CO NM

Sampling Date: 02/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: FS - 76 18" (H241046-76)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.39	120	2.00	13.3		
Toluene*	<0.050	0.050	03/05/2024	ND	2.44	122	2.00	12.2		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.51	125	2.00	10.8		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	7.43	124	6.00	10.8		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/05/2024	ND	416	104	400	7.41		

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	03/05/2024	ND	222	111	200	19.1	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	224	112	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 77 18" (H241046-77)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.39	120	2.00	13.3		
Toluene*	<0.050	0.050	03/05/2024	ND	2.44	122	2.00	12.2		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.51	125	2.00	10.8		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	7.43	124	6.00	10.8		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/05/2024	ND	416	104	400	7.41		

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	03/05/2024	ND	222	111	200	19.1	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	224	112	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/01/2024
 Reported: 03/06/2024
 Project Name: NIMITZ MDP13 1 FED COM #171H
 Project Number: 03B1417137
 Project Location: EDDY CO NM

Sampling Date: 02/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: FS - 78 18" (H241046-78)

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	03/05/2024	ND	2.39	120	2.00	13.3		
Toluene*	<0.050	0.050	03/05/2024	ND	2.44	122	2.00	12.2		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.51	125	2.00	10.8		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	7.43	124	6.00	10.8		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/05/2024	ND	416	104	400	7.41		

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	03/05/2024	ND	222	111	200	19.1	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	224	112	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 79 18" (H241046-79)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.39	120	2.00	13.3	
Toluene*	<0.050	0.050	03/05/2024	ND	2.44	122	2.00	12.2	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.51	125	2.00	10.8	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	7.43	124	6.00	10.8	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/05/2024	ND	416	104	400	7.41	

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	03/05/2024	ND	222	111	200	19.1	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	224	112	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 80 18" (H241046-80)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.39	120	2.00	13.3	
Toluene*	<0.050	0.050	03/05/2024	ND	2.44	122	2.00	12.2	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.51	125	2.00	10.8	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	7.43	124	6.00	10.8	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/05/2024	ND	416	104	400	7.41	

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	03/05/2024	ND	222	111	200	19.1	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	224	112	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 81 18" (H241046-81)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.39	120	2.00	13.3	
Toluene*	<0.050	0.050	03/05/2024	ND	2.44	122	2.00	12.2	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.51	125	2.00	10.8	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	7.43	124	6.00	10.8	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/05/2024	ND	416	104	400	7.41	

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	03/05/2024	ND	222	111	200	19.1	
DRO >C10-C28*	21.1	10.0	03/05/2024	ND	224	112	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 82 18" (H241046-82)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.39	120	2.00	13.3	
Toluene*	<0.050	0.050	03/05/2024	ND	2.44	122	2.00	12.2	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.51	125	2.00	10.8	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	7.43	124	6.00	10.8	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/05/2024	ND	416	104	400	7.41	

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	03/05/2024	ND	222	111	200	19.1	
DRO >C10-C28*	40.4	10.0	03/05/2024	ND	224	112	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 83 18" (H241046-83)

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	03/05/2024	ND	2.39	120	2.00	13.3		
Toluene*	<0.050	0.050	03/05/2024	ND	2.44	122	2.00	12.2		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.51	125	2.00	10.8		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	7.43	124	6.00	10.8		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	03/05/2024	ND	416	104	400	7.41		

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	03/05/2024	ND	222	111	200	19.1	
DRO >C10-C28*	323	10.0	03/05/2024	ND	224	112	200	8.39	
EXT DRO >C28-C36	77.6	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 84 18" (H241046-84)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.39	120	2.00	13.3		
Toluene*	<0.050	0.050	03/05/2024	ND	2.44	122	2.00	12.2		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.51	125	2.00	10.8		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	7.43	124	6.00	10.8		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	03/05/2024	ND	416	104	400	7.41		

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	03/05/2024	ND	222	111	200	19.1	
DRO >C10-C28*	21.7	10.0	03/05/2024	ND	224	112	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 79.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 85 18" (H241046-85)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.39	120	2.00	13.3		
Toluene*	<0.050	0.050	03/05/2024	ND	2.44	122	2.00	12.2		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.51	125	2.00	10.8		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	7.43	124	6.00	10.8		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	03/05/2024	ND	416	104	400	7.41		

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	03/05/2024	ND	222	111	200	19.1	
DRO >C10-C28*	87.1	10.0	03/05/2024	ND	224	112	200	8.39	
EXT DRO >C28-C36	15.3	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 86 18" (H241046-86)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.39	120	2.00	13.3	
Toluene*	<0.050	0.050	03/05/2024	ND	2.44	122	2.00	12.2	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.51	125	2.00	10.8	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	7.43	124	6.00	10.8	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/05/2024	ND	416	104	400	7.41	

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	03/05/2024	ND	222	111	200	19.1	
DRO >C10-C28*	32.7	10.0	03/05/2024	ND	224	112	200	8.39	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Analytical Results For:

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

Received: 03/01/2024
 Reported: 03/06/2024
 Project Name: NIMITZ MDP13 1 FED COM #171H
 Project Number: 03B1417137
 Project Location: EDDY CO NM

Sampling Date: 02/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: FS - 87 18" (H241046-87)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.39	120	2.00	13.3		
Toluene*	<0.050	0.050	03/05/2024	ND	2.44	122	2.00	12.2		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.51	125	2.00	10.8		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	7.43	124	6.00	10.8		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10800	16.0	03/05/2024	ND	416	104	400	7.41		

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	03/05/2024	ND	222	111	200	19.1	
DRO >C10-C28*	2380	10.0	03/05/2024	ND	224	112	200	8.39	
EXT DRO >C28-C36	507	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 88 18" (H241046-88)

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	03/05/2024	ND	2.39	120	2.00	13.3		
Toluene*	<0.050	0.050	03/05/2024	ND	2.44	122	2.00	12.2		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.51	125	2.00	10.8		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	7.43	124	6.00	10.8		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	03/05/2024	ND	416	104	400	7.41		

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	03/05/2024	ND	205	102	200	11.7	
DRO >C10-C28*	328	10.0	03/05/2024	ND	196	98.0	200	11.4	QM-07
EXT DRO >C28-C36	50.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 89 18" (H241046-89)

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	03/05/2024	ND	2.39	120	2.00	13.3		
Toluene*	<0.050	0.050	03/05/2024	ND	2.44	122	2.00	12.2		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.51	125	2.00	10.8		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	7.43	124	6.00	10.8		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/05/2024	ND	416	104	400	7.41	

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	03/05/2024	ND	205	102	200	11.7	
DRO >C10-C28*	54.1	10.0	03/05/2024	ND	196	98.0	200	11.4	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 90 18" (H241046-90)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.39	120	2.00	13.3		
Toluene*	<0.050	0.050	03/05/2024	ND	2.44	122	2.00	12.2		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.51	125	2.00	10.8		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	7.43	124	6.00	10.8		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	03/05/2024	ND	416	104	400	7.41		

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	03/05/2024	ND	205	102	200	11.7	
DRO >C10-C28*	54.8	10.0	03/05/2024	ND	196	98.0	200	11.4	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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[illegible]



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum LLC		BILL TO		ANALYSIS REQUEST															
Project Manager: Beaux Jennings		P.O. #:																	
Address: 601 Merfield # 400		Company:																	
City: Midland		Attn:																	
Phone # 4322303344		Address:																	
Fax #:		City:																	
Project # 0381417137		State:																	
Project Name: Nimitz MDP13 1 Fed Com #171H		Zip:																	
Project Location: Eddy Co NM		Phone #:																	
Sample Name: Shane Diller		Fax #:																	
Lab I.D. H41646		FOR LAB USE ONLY																	
Sample I.D.		(G)RAB OR (C)OMP.																	
		# CONTAINERS																	
		GROUNDWATER																	
		WASTEWATER																	
		SOIL																	
		OIL																	
		SLUDGE																	
		OTHER :																	
		ACID/BASE:																	
		ICE / COOL																	
		OTHER :																	
		DATE																	
		TIME																	
31	FS-21	18	C 1	X	2-25-24	924	X	X	X										
32	FS-22	18	C 1	X	2-24-24	924	X	X	X										
33	FS-23	18	C 1	X	2-24-24	925	X	X	X										
34	FS-24	18	C 1	X	2-24-24	926	X	X	X										
35	FS-25	18	C 1	X	2-24-24	927	X	X	X										
36	FS-26	18	C 1	X	2-24-24	928	X	X	X										
37	FS-27	18	C 1	X	2-24-24	929	X	X	X										
38	FS-28	18	C 1	X	2-24-24	930	X	X	X										
39	FS-29	18	C 1	X	2-24-24	932	X	X	X										
30	FS-30	18	C 1	X	2-24-24	933	X	X	X										
<small>PLEASE NOTE: Liability and Damages. Customer hereby certifies that the above information is true and correct to the best of their knowledge and belief. If the information is false or misleading, the customer agrees to hold the laboratory harmless for any and all damages, including without limitation, business interruption, loss of data, or loss of profits incurred by the client, its subsidiaries, affiliates or successors arising out of or related to the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>																			
Relinquished By: [Signature]		Date: 3-1-24		Received By: [Signature]		Date: 3-1-24		Time: 15:30		Time: 15:30		Time: 15:30		Time: 15:30		Time: 15:30		Time: 15:30	
Relinquished By: [Signature]		Date: 3-1-24		Received By: [Signature]		Date: 3-1-24		Time: 15:30		Time: 15:30		Time: 15:30		Time: 15:30		Time: 15:30		Time: 15:30	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C 3.10		Corrected Temp. °C		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials)		Thermometer ID #445-D4		Correction Factor -0.5°C		Thermometer ID #445-D4		Correction Factor -0.5°C		Thermometer ID #445-D4	
FORM-006 R 3.2 10/07/21		#1410		#1410		#1410		#1410		#1410		#1410		#1410		#1410		#1410	

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Page 96 of 101



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum LLC Project Manager: Beaux Jennings Address: 601 Merientfield # 400 City: Midland Phone # 4322303344 Project # 03B1417137 Project Name: Nimitz MDP13 1 Fed Com #171H Project Location: Eddy Co NM Sampler Name: Shane Diller										BILL TO P.O. #: Company: Attn: Address: City: State: Zip:										ANALYSIS REQUEST									
Relinquished By: <i>[Signature]</i> Date: 3-1-24 Time: 15:30 Received By: <i>[Signature]</i> Date: 3-1-24 Time: 15:30										Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:																			
Relinquished By: <i>[Signature]</i> Date: 3-1-24 Time: 15:30 Received By: <i>[Signature]</i> Date: 3-1-24 Time: 15:30										Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:																			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:										Observed Temp, °C 3-10 Corrected Temp, °C																			
Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Sample Intact <input type="checkbox"/> Yes <input type="checkbox"/> No										CHECKED BY: <i>[Signature]</i> (Initials)																			
Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID: #173-024 Correction Factor: 0.5°C Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID: #173-024 Correction Factor: 0.5°C										Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID: #173-024 Correction Factor: 0.5°C																			



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum LLC		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Beaux Jennings		Company:					
Address: 601 Meritfield # 400		City:		TPH 8015			
City: Midland		State: Tx		BTEx 8021b			
Phone # 4322303344		Fax #:		Chloride 4500			
Project # 0381417137		Project Owner:					
Project Name: Nimitz MDP13 1 Fed Com #171H		City:					
Project Location: Eddy Co NM		State:					
Sampler Name: Shane Diller		Phone #:					
Lab I.D. H241046		Fax #:					
Sample I.D.		(G)RAB OR (C)OMP.					
Dep't in inches		# CONTAINERS					
		GROUNDWATER					
		WASTEWATER					
		SOIL					
		OIL					
		SLUDGE					
		OTHER:					
		ACID/BASE:					
		ICE/COOL					
		OTHER:					
		DATE		TIME			
FS-51	18	C	1	2-24-24	1008	X	X
FS-52	18	C	1	2-24-24	9555	X	X
FS-53	18	C	1	2-24-24	1004	X	X
FS-54	18	C	1	2-24-24	9554	X	X
FS-55	18	C	1	2-24-24	1010	X	X
FS-56	18	C	1	2-24-24	9553	X	X
FS-57	18	C	1	2-24-24	1011	X	X
FS-58	18	C	1	2-24-24	1012	X	X
FS-59	18	C	1	2-24-24	1013	X	X
FS-60	18	C	1	2-24-24	0951	X	X

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Relinquished By: <i>Shane Diller</i>	Date: 3-1-24	Received By: <i>DA</i>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By: <i>Shane Diller</i>	Date: 3-1-24	Received By: <i>DA</i>	All Results are emailed. Please provide Email address:	
REMARKS:				

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C Corrected Temp. °C	Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Seal Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) <i>DA</i>	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	Thermometer ID: <i>4448</i> Correction Factor: <i>-0.5°C</i>	Backs (only) Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Seal Intact <input type="checkbox"/> Yes <input type="checkbox"/> No
--	---	--	-------------------------------------	---	---	--

FORM-006 R 3.2 1007/21

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ANALYSIS REQUEST

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Enslin LLC Project Name: Beaux Jennings Address: 601 Merriemfield # 400 City: Midland State: TX Zip: 79701 Phone # 4322303344 Fax #: Project #: 03B1417137 Project Owner: Project Name: Nimitz MDP13 1 Fed Com #171H Project Location: Eddy Co NM Sample Name: Shane Diller Lab I.D.: H291066										P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:									
FOR LAB USE ONLY										BILL TO									
Sample I.D.: H291066 Depth (in inches): (G)RAB OR (C)OMP.										TPH 8015									
# CONTAINERS										BTEX 8021b									
MATRIX										Chloride 4500									
GROUNDWATER																			
WASTEWATER																			
SOIL																			
OIL																			
SLUDGE																			
OTHER :																			
ACID/BASE:																			
ICE/COOL																			
OTHER :																			
DATE										TIME									
FS-71										X									
FS-72										X									
FS-73										X									
FS-74										X									
FS-75										X									
FS-76										X									
FS-77										X									
FS-78										X									
FS-79										X									
FS-80										X									

Relinquished By: [Signature]

Relinquished By: [Signature]

Date: 3-1-24
Time: 15:30

Date: [Signature]
Time: [Signature]

Received By: [Signature]

Received By: [Signature]

Date: [Signature]
Time: [Signature]

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

Observed Temp. °C: 3.10
Corrected Temp. °C: 3.14

Sample Condition
☐ No ☒ Yes

Cool Intact
☐ No ☒ Yes

CHECKED BY: [Signature]
(Initials)

Turnaround Time: Standard ☒ Rush ☐ Cool Intact ☐

Thermometer ID: #44504
Correction Factor: -0.5°C

3-1-24

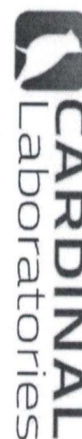
Verbal Result: ☐ Yes ☐ No

Remarks:

Additional Phone #:

Yes ☐ **No** ☐

Corrected Temp. °C:



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

March 06, 2024

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

RE: NIMITZ MDP13 1 FED COM #171H

Enclosed are the results of analyses for samples received by the laboratory on 03/01/24 15:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 91 18" (H241047-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.39	120	2.00	13.3	
Toluene*	<0.050	0.050	03/05/2024	ND	2.44	122	2.00	12.2	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.51	125	2.00	10.8	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	7.43	124	6.00	10.8	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	205	102	200	11.7	
DRO >C10-C28*	13.9	10.0	03/05/2024	ND	196	98.0	200	11.4	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 92 18" (H241047-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.18	109	2.00	2.03		
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	2.09		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	2.22		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.09	101	6.00	1.87		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	688	16.0	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	205	102	200	11.7	
DRO >C10-C28*	266	10.0	03/05/2024	ND	196	98.0	200	11.4	
EXT DRO >C28-C36	55.3	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 93 18" (H241047-03)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.18	109	2.00	2.03	
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	2.09	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	2.22	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.09	101	6.00	1.87	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/05/2024	ND	432	108	400	3.64	

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	03/05/2024	ND	205	102	200	11.7	
DRO >C10-C28*	35.5	10.0	03/05/2024	ND	196	98.0	200	11.4	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 94 18" (H241047-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.18	109	2.00	2.03		
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	2.09		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	2.22		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.09	101	6.00	1.87		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	205	102	200	11.7	
DRO >C10-C28*	27.1	10.0	03/05/2024	ND	196	98.0	200	11.4	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 95 18" (H241047-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.18	109	2.00	2.03		
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	2.09		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	2.22		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.09	101	6.00	1.87		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 71.5-134

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	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	205	102	200	11.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	196	98.0	200	11.4	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 96 18" (H241047-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.18	109	2.00	2.03		
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	2.09		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	2.22		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.09	101	6.00	1.87		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	205	102	200	11.7	
DRO >C10-C28*	23.1	10.0	03/05/2024	ND	196	98.0	200	11.4	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 97 18" (H241047-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.18	109	2.00	2.03	
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	2.09	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	2.22	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.09	101	6.00	1.87	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 71.5-134

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	03/05/2024	ND	432	108	400	3.64	

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	03/05/2024	ND	205	102	200	11.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	196	98.0	200	11.4	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 98 18" (H241047-08)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.18	109	2.00	2.03	
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	2.09	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	2.22	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.09	101	6.00	1.87	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

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	03/05/2024	ND	432	108	400	3.64	

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	03/05/2024	ND	205	102	200	11.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	196	98.0	200	11.4	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 99 18" (H241047-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.18	109	2.00	2.03		
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	2.09		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	2.22		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.09	101	6.00	1.87		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	656	16.0	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	205	102	200	11.7	
DRO >C10-C28*	318	10.0	03/05/2024	ND	196	98.0	200	11.4	
EXT DRO >C28-C36	43.8	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 100 18" (H241047-10)

BTEx 8021B		mg/kg	Analyzed By: JH							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.18	109	2.00	2.03		
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	2.09		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	2.22		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.09	101	6.00	1.87		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 71.5-134

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	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	205	102	200	11.7		
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	196	98.0	200	11.4		
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND						

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 101 18" (H241047-11)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.18	109	2.00	2.03	
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	2.09	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	2.22	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.09	101	6.00	1.87	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/05/2024	ND	432	108	400	3.64	

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	03/05/2024	ND	205	102	200	11.7	
DRO >C10-C28*	19.0	10.0	03/05/2024	ND	196	98.0	200	11.4	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 102 18" (H241047-12)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.18	109	2.00	2.03	
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	2.09	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	2.22	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.09	101	6.00	1.87	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	205	102	200	11.7	
DRO >C10-C28*	16.0	10.0	03/05/2024	ND	196	98.0	200	11.4	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 103 18" (H241047-13)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.18	109	2.00	2.03		
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	2.09		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	2.22		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.09	101	6.00	1.87		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	205	102	200	11.7	
DRO >C10-C28*	10.4	10.0	03/05/2024	ND	196	98.0	200	11.4	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 104 18" (H241047-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.18	109	2.00	2.03		
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	2.09		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	2.22		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.09	101	6.00	1.87		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	205	102	200	11.7	
DRO >C10-C28*	40.0	10.0	03/05/2024	ND	196	98.0	200	11.4	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 105 18" (H241047-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.18	109	2.00	2.03		
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	2.09		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	2.22		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.09	101	6.00	1.87		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

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	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	205	102	200	11.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	196	98.0	200	11.4	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 106 18" (H241047-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.18	109	2.00	2.03		
Toluene*	<0.050	0.050	03/05/2024	ND	2.14	107	2.00	2.09		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	2.22		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.09	101	6.00	1.87		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	205	102	200	11.7	
DRO >C10-C28*	132	10.0	03/05/2024	ND	196	98.0	200	11.4	
EXT DRO >C28-C36	20.7	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 107 18" (H241047-17)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.38	119	2.00	0.429	
Toluene*	<0.050	0.050	03/05/2024	ND	2.26	113	2.00	1.58	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	0.991	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.57	109	6.00	1.20	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/05/2024	ND	432	108	400	3.64	

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	03/05/2024	ND	205	102	200	11.7	
DRO >C10-C28*	59.8	10.0	03/05/2024	ND	196	98.0	200	11.4	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 108 18" (H241047-18)

BTX 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	03/05/2024	ND	2.38	119	2.00	0.429	
Toluene*	<0.050	0.050	03/05/2024	ND	2.26	113	2.00	1.58	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	0.991	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.57	109	6.00	1.20	
Total BTX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

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	03/05/2024	ND	432	108	400	3.64	

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	03/05/2024	ND	200	99.9	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	179	89.4	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 109 18" (H241047-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.38	119	2.00	0.429		
Toluene*	<0.050	0.050	03/05/2024	ND	2.26	113	2.00	1.58		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	0.991		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.57	109	6.00	1.20		
Total BTEx	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

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	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	200	99.9	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	179	89.4	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 110 18" (H241047-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.38	119	2.00	0.429		
Toluene*	<0.050	0.050	03/05/2024	ND	2.26	113	2.00	1.58		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	0.991		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.57	109	6.00	1.20		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	200	99.9	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	179	89.4	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 111 18" (H241047-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.38	119	2.00	0.429		
Toluene*	<0.050	0.050	03/05/2024	ND	2.26	113	2.00	1.58		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	0.991		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.57	109	6.00	1.20		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	200	99.9	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	179	89.4	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 112 18" (H241047-22)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.38	119	2.00	0.429	
Toluene*	<0.050	0.050	03/05/2024	ND	2.26	113	2.00	1.58	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	0.991	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.57	109	6.00	1.20	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/05/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	200	99.9	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	179	89.4	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 113 18" (H241047-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.38	119	2.00	0.429	
Toluene*	<0.050	0.050	03/05/2024	ND	2.26	113	2.00	1.58	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	0.991	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.57	109	6.00	1.20	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/05/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	200	99.9	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	179	89.4	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 114 18" (H241047-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.38	119	2.00	0.429		
Toluene*	<0.050	0.050	03/05/2024	ND	2.26	113	2.00	1.58		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	0.991		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.57	109	6.00	1.20		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	200	99.9	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	179	89.4	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 115 18" (H241047-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.38	119	2.00	0.429	
Toluene*	<0.050	0.050	03/05/2024	ND	2.26	113	2.00	1.58	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	0.991	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.57	109	6.00	1.20	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/05/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	200	99.9	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	179	89.4	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 116 18" (H241047-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.38	119	2.00	0.429		
Toluene*	<0.050	0.050	03/05/2024	ND	2.26	113	2.00	1.58		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	0.991		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.57	109	6.00	1.20		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	200	99.9	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	179	89.4	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 117 18" (H241047-27)

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	03/05/2024	ND	2.38	119	2.00	0.429		
Toluene*	<0.050	0.050	03/05/2024	ND	2.26	113	2.00	1.58		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	0.991		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.57	109	6.00	1.20		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	200	99.9	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	179	89.4	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 118 18" (H241047-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.38	119	2.00	0.429		
Toluene*	<0.050	0.050	03/05/2024	ND	2.26	113	2.00	1.58		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	0.991		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.57	109	6.00	1.20		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	200	99.9	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	179	89.4	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 99.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 119 18" (H241047-29)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.38	119	2.00	0.429		
Toluene*	<0.050	0.050	03/05/2024	ND	2.26	113	2.00	1.58		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	0.991		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.57	109	6.00	1.20		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	200	99.9	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	179	89.4	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 120 18" (H241047-30)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.38	119	2.00	0.429	
Toluene*	<0.050	0.050	03/05/2024	ND	2.26	113	2.00	1.58	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	0.991	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.57	109	6.00	1.20	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/05/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	200	99.9	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	179	89.4	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 121 18" (H241047-31)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.38	119	2.00	0.429		
Toluene*	<0.050	0.050	03/05/2024	ND	2.26	113	2.00	1.58		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	0.991		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.57	109	6.00	1.20		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	200	99.9	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	179	89.4	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 122 18" (H241047-32)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.38	119	2.00	0.429		
Toluene*	<0.050	0.050	03/05/2024	ND	2.26	113	2.00	1.58		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	0.991		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.57	109	6.00	1.20		
Total BTEx	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	200	99.9	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	179	89.4	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 123 18" (H241047-33)

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	03/05/2024	ND	2.38	119	2.00	0.429		
Toluene*	<0.050	0.050	03/05/2024	ND	2.26	113	2.00	1.58		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	0.991		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.57	109	6.00	1.20		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	200	99.9	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	179	89.4	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/01/2024
 Reported: 03/06/2024
 Project Name: NIMITZ MDP13 1 FED COM #171H
 Project Number: 03B1417137
 Project Location: EDDY CO NM

Sampling Date: 02/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: FS - 124 18" (H241047-34)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.38	119	2.00	0.429	
Toluene*	<0.050	0.050	03/05/2024	ND	2.26	113	2.00	1.58	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	0.991	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.57	109	6.00	1.20	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	200	99.9	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	179	89.4	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 99.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 125 18" (H241047-35)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.38	119	2.00	0.429		
Toluene*	<0.050	0.050	03/05/2024	ND	2.26	113	2.00	1.58		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	0.991		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.57	109	6.00	1.20		
Total BTEx	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	200	99.9	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	179	89.4	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 126 18" (H241047-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.38	119	2.00	0.429		
Toluene*	<0.050	0.050	03/05/2024	ND	2.26	113	2.00	1.58		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.19	109	2.00	0.991		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.57	109	6.00	1.20		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	200	99.9	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	179	89.4	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 49.1-148

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

Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 127 18" (H241047-37)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	1.91	95.5	2.00	0.0849		
Toluene*	<0.050	0.050	03/05/2024	ND	1.99	99.6	2.00	0.688		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.96	97.9	2.00	1.00		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.04	101	6.00	0.306		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	200	99.9	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	179	89.4	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 128 18" (H241047-38)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	1.91	95.5	2.00	0.0849	
Toluene*	<0.050	0.050	03/05/2024	ND	1.99	99.6	2.00	0.688	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.96	97.9	2.00	1.00	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.04	101	6.00	0.306	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/05/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	215	107	200	11.2	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	205	102	200	8.80	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 129 18" (H241047-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	1.91	95.5	2.00	0.0849		
Toluene*	<0.050	0.050	03/05/2024	ND	1.99	99.6	2.00	0.688		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.96	97.9	2.00	1.00		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.04	101	6.00	0.306		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	215	107	200	11.2	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	205	102	200	8.80	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 130 18" (H241047-40)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	1.91	95.5	2.00	0.0849		
Toluene*	<0.050	0.050	03/05/2024	ND	1.99	99.6	2.00	0.688		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.96	97.9	2.00	1.00		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.04	101	6.00	0.306		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/05/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	215	107	200	11.2	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	205	102	200	8.80	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 131 18" (H241047-41)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	1.91	95.5	2.00	0.0849		
Toluene*	<0.050	0.050	03/05/2024	ND	1.99	99.6	2.00	0.688		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.96	97.9	2.00	1.00		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.04	101	6.00	0.306		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

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	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	215	107	200	11.2	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	205	102	200	8.80	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 132 18" (H241047-42)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	1.91	95.5	2.00	0.0849	
Toluene*	<0.050	0.050	03/05/2024	ND	1.99	99.6	2.00	0.688	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.96	97.9	2.00	1.00	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.04	101	6.00	0.306	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

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	03/05/2024	ND	432	108	400	3.64	

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	03/05/2024	ND	215	107	200	11.2	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	205	102	200	8.80	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 133 18" (H241047-43)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	1.91	95.5	2.00	0.0849		
Toluene*	<0.050	0.050	03/05/2024	ND	1.99	99.6	2.00	0.688		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.96	97.9	2.00	1.00		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.04	101	6.00	0.306		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

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	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	215	107	200	11.2	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	205	102	200	8.80	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 134 18" (H241047-44)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	1.91	95.5	2.00	0.0849	
Toluene*	<0.050	0.050	03/05/2024	ND	1.99	99.6	2.00	0.688	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.96	97.9	2.00	1.00	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.04	101	6.00	0.306	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

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	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	215	107	200	11.2	
DRO >C10-C28*	10.8	10.0	03/05/2024	ND	205	102	200	8.80	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 135 18" (H241047-45)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	1.91	95.5	2.00	0.0849		
Toluene*	<0.050	0.050	03/05/2024	ND	1.99	99.6	2.00	0.688		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.96	97.9	2.00	1.00		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.04	101	6.00	0.306		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

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	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	215	107	200	11.2	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	205	102	200	8.80	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 136 18" (H241047-46)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	1.91	95.5	2.00	0.0849		
Toluene*	<0.050	0.050	03/05/2024	ND	1.99	99.6	2.00	0.688		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.96	97.9	2.00	1.00		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.04	101	6.00	0.306		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	215	107	200	11.2	
DRO >C10-C28*	12.9	10.0	03/05/2024	ND	205	102	200	8.80	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 137 18" (H241047-47)

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	03/05/2024	ND	1.91	95.5	2.00	0.0849	
Toluene*	<0.050	0.050	03/05/2024	ND	1.99	99.6	2.00	0.688	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.96	97.9	2.00	1.00	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.04	101	6.00	0.306	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

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	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	215	107	200	11.2	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	205	102	200	8.80	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 138 18" (H241047-48)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	1.91	95.5	2.00	0.0849		
Toluene*	<0.050	0.050	03/05/2024	ND	1.99	99.6	2.00	0.688		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.96	97.9	2.00	1.00		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.04	101	6.00	0.306		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

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	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	215	107	200	11.2	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	205	102	200	8.80	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 139 18" (H241047-49)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	1.91	95.5	2.00	0.0849		
Toluene*	<0.050	0.050	03/05/2024	ND	1.99	99.6	2.00	0.688		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.96	97.9	2.00	1.00		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.04	101	6.00	0.306		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	215	107	200	11.2	
DRO >C10-C28*	17.8	10.0	03/05/2024	ND	205	102	200	8.80	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 140 18" (H241047-50)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	1.91	95.5	2.00	0.0849	
Toluene*	<0.050	0.050	03/05/2024	ND	1.99	99.6	2.00	0.688	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.96	97.9	2.00	1.00	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.04	101	6.00	0.306	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	215	107	200	11.2	
DRO >C10-C28*	13.3	10.0	03/05/2024	ND	205	102	200	8.80	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 141 18" (H241047-51)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	1.91	95.5	2.00	0.0849		
Toluene*	<0.050	0.050	03/05/2024	ND	1.99	99.6	2.00	0.688		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.96	97.9	2.00	1.00		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.04	101	6.00	0.306		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

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	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	215	107	200	11.2	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	205	102	200	8.80	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 142 18" (H241047-52)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	1.91	95.5	2.00	0.0849		
Toluene*	<0.050	0.050	03/05/2024	ND	1.99	99.6	2.00	0.688		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.96	97.9	2.00	1.00		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.04	101	6.00	0.306		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

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	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	215	107	200	11.2	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	205	102	200	8.80	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 143 18" (H241047-53)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	1.91	95.5	2.00	0.0849		
Toluene*	<0.050	0.050	03/05/2024	ND	1.99	99.6	2.00	0.688		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.96	97.9	2.00	1.00		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.04	101	6.00	0.306		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

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	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	215	107	200	11.2	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	205	102	200	8.80	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 144 18" (H241047-54)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	1.91	95.5	2.00	0.0849	
Toluene*	<0.050	0.050	03/05/2024	ND	1.99	99.6	2.00	0.688	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.96	97.9	2.00	1.00	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.04	101	6.00	0.306	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/05/2024	ND	432	108	400	3.64	

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	03/05/2024	ND	215	107	200	11.2	
DRO >C10-C28*	31.1	10.0	03/05/2024	ND	205	102	200	8.80	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 145 18" (H241047-55)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	1.91	95.5	2.00	0.0849	
Toluene*	<0.050	0.050	03/05/2024	ND	1.99	99.6	2.00	0.688	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.96	97.9	2.00	1.00	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.04	101	6.00	0.306	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	215	107	200	11.2	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	205	102	200	8.80	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 146 18" (H241047-56)

BTX 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	03/05/2024	ND	1.91	95.5	2.00	0.0849		
Toluene*	<0.050	0.050	03/05/2024	ND	1.99	99.6	2.00	0.688		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.96	97.9	2.00	1.00		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.04	101	6.00	0.306		
Total BTX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	215	107	200	11.2	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	205	102	200	8.80	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 147 18" (H241047-57)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	1.94	97.2	2.00	1.83	
Toluene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	0.367	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.99	99.7	2.00	0.606	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.07	101	6.00	0.198	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

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	03/05/2024	ND	432	108	400	3.64	

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	03/05/2024	ND	215	107	200	11.2	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	205	102	200	8.80	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 49.1-148

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Analytical Results For:

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

Received: 03/01/2024
 Reported: 03/06/2024
 Project Name: NIMITZ MDP13 1 FED COM #171H
 Project Number: 03B1417137
 Project Location: EDDY CO NM

Sampling Date: 02/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: FS - 148 18" (H241047-58)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	1.94	97.2	2.00	1.83		
Toluene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	0.367		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.99	99.7	2.00	0.606		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.07	101	6.00	0.198		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

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	03/05/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	222	111	200	9.84	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	208	104	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 149 18" (H241047-59)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	1.94	97.2	2.00	1.83	
Toluene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	0.367	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.99	99.7	2.00	0.606	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.07	101	6.00	0.198	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/05/2024	ND	432	108	400	3.64	

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	03/05/2024	ND	222	111	200	9.84	
DRO >C10-C28*	10.1	10.0	03/05/2024	ND	208	104	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.2 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 150 18" (H241047-60)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	1.94	97.2	2.00	1.83	
Toluene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	0.367	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.99	99.7	2.00	0.606	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.07	101	6.00	0.198	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

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	03/05/2024	ND	432	108	400	3.64	

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	03/05/2024	ND	222	111	200	9.84	
DRO >C10-C28*	10.8	10.0	03/05/2024	ND	208	104	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.3 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 151 18" (H241047-61)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	1.94	97.2	2.00	1.83	
Toluene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	0.367	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.99	99.7	2.00	0.606	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.07	101	6.00	0.198	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/06/2024	ND	448	112	400	3.64	

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	03/05/2024	ND	222	111	200	9.84	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	208	104	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.5 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 152 18" (H241047-62)

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	03/05/2024	ND	1.94	97.2	2.00	1.83	
Toluene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	0.367	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.99	99.7	2.00	0.606	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.07	101	6.00	0.198	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	03/06/2024	ND	448	112	400	3.64		

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	03/05/2024	ND	222	111	200	9.84	
DRO >C10-C28*	59.0	10.0	03/05/2024	ND	208	104	200	6.96	
EXT DRO >C28-C36	10.7	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 153 18" (H241047-63)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	1.94	97.2	2.00	1.83	
Toluene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	0.367	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.99	99.7	2.00	0.606	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.07	101	6.00	0.198	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/06/2024	ND	448	112	400	3.64	

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	03/05/2024	ND	222	111	200	9.84	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	208	104	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.7 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 154 18" (H241047-64)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	1.94	97.2	2.00	1.83		
Toluene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	0.367		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.99	99.7	2.00	0.606		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.07	101	6.00	0.198		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	03/06/2024	ND	448	112	400	3.64		

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	03/05/2024	ND	222	111	200	9.84	
DRO >C10-C28*	42.2	10.0	03/05/2024	ND	208	104	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 155 18" (H241047-65)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	1.94	97.2	2.00	1.83		
Toluene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	0.367		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.99	99.7	2.00	0.606		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.07	101	6.00	0.198		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/06/2024	ND	448	112	400	3.64		

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	03/05/2024	ND	222	111	200	9.84	
DRO >C10-C28*	12.4	10.0	03/05/2024	ND	208	104	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 156 18" (H241047-66)

BTX 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	03/05/2024	ND	1.94	97.2	2.00	1.83	
Toluene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	0.367	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.99	99.7	2.00	0.606	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.07	101	6.00	0.198	
Total BTX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/06/2024	ND	448	112	400	3.64	

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	03/05/2024	ND	222	111	200	9.84	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	208	104	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.1 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 157 18" (H241047-67)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	1.94	97.2	2.00	1.83		
Toluene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	0.367		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.99	99.7	2.00	0.606		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.07	101	6.00	0.198		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/06/2024	ND	448	112	400	3.64		

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	03/05/2024	ND	222	111	200	9.84	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	208	104	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 158 18" (H241047-68)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	1.94	97.2	2.00	1.83		
Toluene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	0.367		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.99	99.7	2.00	0.606		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.07	101	6.00	0.198		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/06/2024	ND	448	112	400	3.64	

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	03/06/2024	ND	222	111	200	9.84	
DRO >C10-C28*	12.4	10.0	03/06/2024	ND	208	104	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	03/06/2024	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 159 18" (H241047-69)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	1.94	97.2	2.00	1.83	
Toluene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	0.367	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.99	99.7	2.00	0.606	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.07	101	6.00	0.198	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/06/2024	ND	448	112	400	3.64		

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	03/05/2024	ND	222	111	200	9.84	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	208	104	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 76.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.2 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 160 18" (H241047-70)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	1.94	97.2	2.00	1.83	
Toluene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	0.367	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.99	99.7	2.00	0.606	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.07	101	6.00	0.198	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/06/2024	ND	448	112	400	3.64	

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	03/06/2024	ND	222	111	200	9.84	
DRO >C10-C28*	<10.0	10.0	03/06/2024	ND	208	104	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	03/06/2024	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 161 18" (H241047-71)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	1.94	97.2	2.00	1.83	
Toluene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	0.367	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.99	99.7	2.00	0.606	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.07	101	6.00	0.198	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	03/06/2024	ND	448	112	400	3.64		

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	03/06/2024	ND	222	111	200	9.84	
DRO >C10-C28*	31.7	10.0	03/06/2024	ND	208	104	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	03/06/2024	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.3 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 162 18" (H241047-72)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	1.94	97.2	2.00	1.83		
Toluene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	0.367		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.99	99.7	2.00	0.606		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.07	101	6.00	0.198		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/06/2024	ND	448	112	400	3.64		

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	03/06/2024	ND	222	111	200	9.84	
DRO >C10-C28*	<10.0	10.0	03/06/2024	ND	208	104	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	03/06/2024	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.4 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 163 18" (H241047-73)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	1.94	97.2	2.00	1.83		
Toluene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	0.367		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.99	99.7	2.00	0.606		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.07	101	6.00	0.198		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/06/2024	ND	448	112	400	3.64		

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	03/06/2024	ND	222	111	200	9.84		
DRO >C10-C28*	<10.0	10.0	03/06/2024	ND	208	104	200	6.96		
EXT DRO >C28-C36	<10.0	10.0	03/06/2024	ND						

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.5 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 164 18" (H241047-74)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	1.94	97.2	2.00	1.83		
Toluene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	0.367		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.99	99.7	2.00	0.606		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.07	101	6.00	0.198		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/06/2024	ND	448	112	400	3.64		

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	03/06/2024	ND	222	111	200	9.84	
DRO >C10-C28*	21.6	10.0	03/06/2024	ND	208	104	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	03/06/2024	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 165 18" (H241047-75)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	1.94	97.2	2.00	1.83		
Toluene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	0.367		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	1.99	99.7	2.00	0.606		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.07	101	6.00	0.198		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/06/2024	ND	448	112	400	3.64		

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	03/06/2024	ND	222	111	200	9.84	
DRO >C10-C28*	23.8	10.0	03/06/2024	ND	208	104	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	03/06/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 166 18" (H241047-76)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2024	ND	1.94	97.2	2.00	1.83	
Toluene*	<0.050	0.050	03/06/2024	ND	2.02	101	2.00	0.367	
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	1.99	99.7	2.00	0.606	
Total Xylenes*	<0.150	0.150	03/06/2024	ND	6.07	101	6.00	0.198	
Total BTEX	<0.300	0.300	03/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/06/2024	ND	448	112	400	3.64	

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	03/06/2024	ND	222	111	200	9.84	
DRO >C10-C28*	19.2	10.0	03/06/2024	ND	208	104	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	03/06/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 167 18" (H241047-77)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	6.09	QR-03
Toluene*	<0.050	0.050	03/05/2024	ND	1.97	98.6	2.00	11.5	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.01	101	2.00	14.0	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	5.96	99.3	6.00	14.2	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/06/2024	ND	448	112	400	3.64		

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	03/05/2024	ND	222	111	200	9.84	
DRO >C10-C28*	19.5	10.0	03/05/2024	ND	208	104	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 168 18" (H241047-78)

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	03/05/2024	ND	2.02	101	2.00	6.09		
Toluene*	<0.050	0.050	03/05/2024	ND	1.97	98.6	2.00	11.5		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.01	101	2.00	14.0		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	5.96	99.3	6.00	14.2		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/06/2024	ND	448	112	400	3.64		

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	03/05/2024	ND	209	105	200	12.7	
DRO >C10-C28*	16.1	10.0	03/05/2024	ND	214	107	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: FS - 169 18" (H241047-79)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	6.09		
Toluene*	<0.050	0.050	03/05/2024	ND	1.97	98.6	2.00	11.5		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.01	101	2.00	14.0		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	5.96	99.3	6.00	14.2		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/06/2024	ND	448	112	400	3.64		

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	03/05/2024	ND	209	105	200	12.7	
DRO >C10-C28*	18.2	10.0	03/05/2024	ND	214	107	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/01/2024
 Reported: 03/06/2024
 Project Name: NIMITZ MDP13 1 FED COM #171H
 Project Number: 03B1417137
 Project Location: EDDY CO NM

Sampling Date: 02/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: FS - 170 18" (H241047-80)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	6.09		
Toluene*	<0.050	0.050	03/05/2024	ND	1.97	98.6	2.00	11.5		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.01	101	2.00	14.0		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	5.96	99.3	6.00	14.2		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/06/2024	ND	448	112	400	3.64		

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	03/05/2024	ND	209	105	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	214	107	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received: 03/01/2024
 Reported: 03/06/2024
 Project Name: NIMITZ MDP13 1 FED COM #171H
 Project Number: 03B1417137
 Project Location: EDDY CO NM

Sampling Date: 02/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: DS - 2 0.25' (H241047-81)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	6.09	
Toluene*	<0.050	0.050	03/05/2024	ND	1.97	98.6	2.00	11.5	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.01	101	2.00	14.0	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	5.96	99.3	6.00	14.2	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/06/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	209	105	200	12.7	
DRO >C10-C28*	30.8	10.0	03/05/2024	ND	214	107	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: DS - 3 0.25' (H241047-82)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	6.09		
Toluene*	<0.050	0.050	03/05/2024	ND	1.97	98.6	2.00	11.5		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.01	101	2.00	14.0		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	5.96	99.3	6.00	14.2		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

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	03/06/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	209	105	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	214	107	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: DS - 4 0.25' (H241047-83)

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	03/05/2024	ND	2.02	101	2.00	6.09		
Toluene*	<0.050	0.050	03/05/2024	ND	1.97	98.6	2.00	11.5		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.01	101	2.00	14.0		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	5.96	99.3	6.00	14.2		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/06/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	209	105	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	214	107	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: DS - 5 0.25' (H241047-84)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	6.09		
Toluene*	<0.050	0.050	03/05/2024	ND	1.97	98.6	2.00	11.5		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.01	101	2.00	14.0		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	5.96	99.3	6.00	14.2		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	03/06/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	209	105	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	214	107	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 77.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: DS - 6 0.25' (H241047-85)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	6.09		
Toluene*	<0.050	0.050	03/05/2024	ND	1.97	98.6	2.00	11.5		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.01	101	2.00	14.0		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	5.96	99.3	6.00	14.2		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	03/06/2024	ND	432	108	400	3.64	

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	03/05/2024	ND	209	105	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	214	107	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: DS - 7 0.25' (H241047-86)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/06/2024	ND	2.02	101	2.00	6.09		
Toluene*	<0.050	0.050	03/06/2024	ND	1.97	98.6	2.00	11.5		
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.01	101	2.00	14.0		
Total Xylenes*	<0.150	0.150	03/06/2024	ND	5.96	99.3	6.00	14.2		
Total BTEX	<0.300	0.300	03/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	03/06/2024	ND	432	108	400	3.64	

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	03/05/2024	ND	209	105	200	12.7	
DRO >C10-C28*	201	10.0	03/05/2024	ND	214	107	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: DS - 8 0.25' (H241047-87)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/06/2024	ND	2.02	101	2.00	6.09		
Toluene*	<0.050	0.050	03/06/2024	ND	1.97	98.6	2.00	11.5		
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.01	101	2.00	14.0		
Total Xylenes*	<0.150	0.150	03/06/2024	ND	5.96	99.3	6.00	14.2		
Total BTEX	<0.300	0.300	03/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	03/06/2024	ND	432	108	400	3.64	

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	03/05/2024	ND	209	105	200	12.7	
DRO >C10-C28*	415	10.0	03/05/2024	ND	214	107	200	9.35	
EXT DRO >C28-C36	11.1	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: DS - 9 0.25' (H241047-88)

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	03/06/2024	ND	2.02	101	2.00	6.09		
Toluene*	<0.050	0.050	03/06/2024	ND	1.97	98.6	2.00	11.5		
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.01	101	2.00	14.0		
Total Xylenes*	<0.150	0.150	03/06/2024	ND	5.96	99.3	6.00	14.2		
Total BTEX	<0.300	0.300	03/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	03/06/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	209	105	200	12.7	
DRO >C10-C28*	141	10.0	03/05/2024	ND	214	107	200	9.35	
EXT DRO >C28-C36	28.6	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: DS - 10 0.25' (H241047-89)

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	03/06/2024	ND	2.02	101	2.00	6.09	
Toluene*	<0.050	0.050	03/06/2024	ND	1.97	98.6	2.00	11.5	
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.01	101	2.00	14.0	
Total Xylenes*	<0.150	0.150	03/06/2024	ND	5.96	99.3	6.00	14.2	
Total BTEX	<0.300	0.300	03/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	03/06/2024	ND	432	108	400	3.64	

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	03/05/2024	ND	209	105	200	12.7	
DRO >C10-C28*	174	10.0	03/05/2024	ND	214	107	200	9.35	
EXT DRO >C28-C36	78.1	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: SW - 1 1.5' (H241047-90)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2024	ND	2.02	101	2.00	6.09	
Toluene*	<0.050	0.050	03/06/2024	ND	1.97	98.6	2.00	11.5	
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.01	101	2.00	14.0	
Total Xylenes*	<0.150	0.150	03/06/2024	ND	5.96	99.3	6.00	14.2	
Total BTEX	<0.300	0.300	03/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	03/06/2024	ND	432	108	400	3.64	

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	03/05/2024	ND	209	105	200	12.7	
DRO >C10-C28*	95.7	10.0	03/05/2024	ND	214	107	200	9.35	
EXT DRO >C28-C36	20.6	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: SW - 2 1.5' (H241047-91)

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	03/05/2024	ND	2.02	101	2.00	6.09	
Toluene*	<0.050	0.050	03/05/2024	ND	1.97	98.6	2.00	11.5	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.01	101	2.00	14.0	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	5.96	99.3	6.00	14.2	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/06/2024	ND	432	108	400	3.64	

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	03/05/2024	ND	209	105	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	214	107	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 74.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: SW - 3 1.5' (H241047-92)

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	03/06/2024	ND	2.02	101	2.00	6.09	
Toluene*	<0.050	0.050	03/06/2024	ND	1.97	98.6	2.00	11.5	
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.01	101	2.00	14.0	
Total Xylenes*	<0.150	0.150	03/06/2024	ND	5.96	99.3	6.00	14.2	
Total BTEX	<0.300	0.300	03/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1390	16.0	03/06/2024	ND	432	108	400	3.64	

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	03/05/2024	ND	209	105	200	12.7	
DRO >C10-C28*	176	10.0	03/05/2024	ND	214	107	200	9.35	
EXT DRO >C28-C36	48.4	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: SW - 4 1.5' (H241047-93)

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	03/05/2024	ND	2.02	101	2.00	6.09	
Toluene*	<0.050	0.050	03/05/2024	ND	1.97	98.6	2.00	11.5	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.01	101	2.00	14.0	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	5.96	99.3	6.00	14.2	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

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	03/06/2024	ND	432	108	400	3.64	

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	03/05/2024	ND	209	105	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	214	107	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: SW - 5 1.5' (H241047-94)

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	03/05/2024	ND	2.02	101	2.00	6.09		
Toluene*	<0.050	0.050	03/05/2024	ND	1.97	98.6	2.00	11.5		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.01	101	2.00	14.0		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	5.96	99.3	6.00	14.2		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/06/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	209	105	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	214	107	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: SW - 6 1.5' (H241047-95)

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	03/05/2024	ND	2.02	101	2.00	6.09		
Toluene*	<0.050	0.050	03/05/2024	ND	1.97	98.6	2.00	11.5		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.01	101	2.00	14.0		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	5.96	99.3	6.00	14.2		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

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	03/06/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	209	105	200	12.7	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	214	107	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: SW - 7 1.5' (H241047-96)

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	03/06/2024	ND	2.02	101	2.00	6.09	
Toluene*	<0.050	0.050	03/06/2024	ND	1.97	98.6	2.00	11.5	
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	2.01	101	2.00	14.0	
Total Xylenes*	<0.150	0.150	03/06/2024	ND	5.96	99.3	6.00	14.2	
Total BTEX	<0.300	0.300	03/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/06/2024	ND	432	108	400	3.64	

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	03/05/2024	ND	209	105	200	12.7	
DRO >C10-C28*	16.1	10.0	03/05/2024	ND	214	107	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 72.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: SW - 8 1.5' (H241047-97)

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	03/05/2024	ND	2.19	110	2.00	11.8	QM-07
Toluene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	14.7	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	15.3	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	5.98	99.7	6.00	15.9	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	03/06/2024	ND	432	108	400	3.64	

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	03/05/2024	ND	209	105	200	12.7	
DRO >C10-C28*	94.6	10.0	03/05/2024	ND	214	107	200	9.35	
EXT DRO >C28-C36	19.9	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: SW - 9 1.5' (H241047-98)

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	03/05/2024	ND	2.19	110	2.00	11.8	
Toluene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	14.7	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	15.3	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	5.98	99.7	6.00	15.9	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2600	16.0	03/06/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	237	119	200	13.5		
DRO >C10-C28*	202	10.0	03/05/2024	ND	223	111	200	11.8	QM-07	
EXT DRO >C28-C36	11.1	10.0	03/05/2024	ND						

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	02/29/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP13 1 FED COM #171H	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	EDDY CO NM		

Sample ID: DS - 1 0.25' (H241047-99)

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	03/05/2024	ND	2.19	110	2.00	11.8		
Toluene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	14.7		
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.02	101	2.00	15.3		
Total Xylenes*	<0.150	0.150	03/05/2024	ND	5.98	99.7	6.00	15.9		
Total BTEX	<0.300	0.300	03/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	03/06/2024	ND	432	108	400	3.64		

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	03/05/2024	ND	237	119	200	13.5	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	223	111	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum LLC		BILL TO		ANALYSIS REQUEST									
Project Manager: Beaux Jennings		P.O. #:											
Address: 601 Merriemfield # 400		Company:											
City: Midland		Attn:											
State: Tx Zip:		Address:											
Phone # 4322303344		City:											
Fax #:		State:											
Project # 03B1417137		Zip:											
Project Name: Nimitz MDP 13 1 Fed Com #171H		Phone #:											
Project Location: Eddy Co NM		Fax #:											
Sampler Name: Shane Diller		PRESERV.											
FOR LAB USE ONLY		SAMPLING											
Lab I.D.		DATE											
Sample I.D.		TIME											
Depth (in Inches)													
(G)RAB OR (C)OMP.													
# CONTAINERS													
GROUNDWATER													
WASTEWATER													
SOIL													
OIL													
SLUDGE													
OTHER : ACID/BASE:													
CELESTIAL													
OTHER :													
1 FS-91		7-24-24											
2 FS-92		10-32											
3 FS-93		11-03											
4 FS-94		11-01											
5 FS-95		11-02											
6 FS-96		11-04											
7 FS-97		11-25											
8 FS-98		11-30											
9 FS-99		11-09											
10 FS-100		11-28											
Relinquished By:		Date: 3-1-24		Received By:		Date: 15-30		Time: 04:30		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Relinquished By:		Date:		Received By:		Date:		Time:		REMARKS:			
Delivered By: (Circle One)		Observed Temp. °C		Corrected Temp. °C		Sample Condition		CHECKED BY: (Initials)		Thermometer ID		Add'l Phone #:	
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Sample Condition		Cool Intact		Thermometer ID		Correction Factor		Add'l Phone #:	
		#140		DA		<input type="checkbox"/> Yes <input type="checkbox"/> No		DA		3-1-24			

FORM-006 R 3.2 10/07/21

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum LLC		P.O. #:		BILL TO										ANALYSIS REQUEST									
Project Manager: Beaux Jennings		Company:																					
Address: 601 Merientfield # 400		Attn:																					
City: Midland		Address:																					
Phone # 4322303344		City:																					
Fax #:		State:																					
Project # 03B1417137		Zip:																					
Project Name: Nimitz MDP13 1 Fed Com #171H		Phone #:																					
Project Location: Eddy Co NM		Fax #:																					
Sampler Name: Shane Diller		PRESERV.																					
Lab I.D.		SAMPLING																					
H241047		DATE																					
Sample I.D.		TIME																					
Depth (in Inches)																							
11 FS-101		11 27																					
12 FS-102		11 26																					
13 FS-103		11 26																					
14 FS-104		11 25																					
15 FS-105		11 07																					
16 FS-106		11 24																					
17 FS-107		11 08																					
18 FS-108		11 07																					
19 FS-109		11 23																					
20 FS-110		11 10																					
FOR LAB USE ONLY																							
Matrix																							
GROUNDWATER																							
WASTEWATER																							
SOIL																							
OIL																							
SLUDGE																							
OTHER :																							
ACID/BASE:																							
CE/COOL																							
OTHER :																							
# CONTAINERS																							
(G)RAB OR (C)OMP.																							
TPH 8015																							
BTEx 8021b																							
Chloride 4500																							
Relinquished By:		Date: 3-1-24		Received By:		Date: 3-1-24		Verbal Result: Yes No		Add'l Phone #:													
Relinquished By:		Time: 15:30		Received By:		Time: 15:30		All Results are emailed. Please provide Email address:															
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition		CHECKED BY: (Initials)		Thermometer ID		Standard													
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Cool Intact				Correction Factor		Cool Intact													
		#140		Yes No		OK		3-1-24		Yes No													

FORM-006 R 3.2 1/06/21

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ANALYSIS REQUEST

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum LLC		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Beaux Jennings		Company:					
Address: 601 Merientfield # 400		City:		TPH 8015			
City: Midland		State: Tx		BTEX 8021b			
Phone # 432303344		Fax #:		Chloride 4500			
Project # 03B1417137		Project Owner:					
Project Name: Nimitz MDP13 1 Fed Com #171H		City:					
Project Location: Eddy Co NM		State:					
Sampler Name: Shane Diller		Phone #:					
Lab I.D. H241047		Fax #:					
Sample I.D.		(G)RAB OR (C)OMP.					
		# CONTAINERS					
		GROUNDWATER					
		WASTEWATER					
		SOIL					
		OIL					
		SLUDGE					
		OTHER:					
		ACID/BASE:					
		ICE/COOL:					
		OTHER:					
		DATE		TIME			
FS-121		18		2-25-24 1116		X	
FS-122		18		2-25-24 1144		X	
FS-123		18		2-25-24 1202		X	
FS-124		18		2-25-24 1145		X	
FS-125		18		2-25-24 1201		X	
FS-126		18		2-25-24 1203		X	
FS-127		18		2-25-24 1205		X	
FS-128		18		2-25-24 1146		X	
FS-129		18		2-25-24 1147		X	
FS-130		18		2-25-24 1240		X	

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Relinquished By: [Signature]	Date: 3-1-24	Received By: [Signature]	Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Relinquished By: [Signature]	Date: 3-1-24	Received By: [Signature]	All Results are emailed. Please provide Email address:	
REMARKS:				

Delivered By: (Circle One)	Observed Temp. °C	Corrected Temp. °C	Sample Condition	CHECKED BY: (Initials)	Turnaround Time:	Standard	Backlog (only) Sample Condition
Sampler - UPS - Bus - Other:	31	31	<input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact	[Signature]	Result	<input type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact	Observed Temp. °C
			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Thermometer ID: 715104		
					Correction Factor: 2.5°C		
					3-1-24		

FORM-006 R 3.2 10/07/21

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum LLC		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Beaux Jennings		Company:					
Address: 601 Merfield # 400		Attn:					
City: Midland		State: Tx		Zip:			
Phone # 4322303344		Fax #:		Address:			
Project #:03B1417137		Project Owner:		City:			
Project Name:Nimitz MDP13 1 Fed Com #171H		State:		Zip:			
Project Location:Eddy Co NM		Phone #:					
Sampler Name: Shane Diller		Fax #:					
FOR LAB USE ONLY		LABORATORY		PRESERV.		SAMPLING	
Lab I.D.		Sample I.D.		DATE		TIME	
H241047		Depnd Lin Doctor		2-24-24		1234	
41 FS-131		C 1		X		X	
42 FS-132		C 1		X		X	
43 FS-133		C 1		X		X	
44 FS-134		C 1		X		X	
45 FS-135		C 1		X		X	
46 FS-136		C 1		X		X	
47 FS-137		C 1		X		X	
48 FS-138		C 1		X		X	
49 FS-139		C 1		X		X	
50 FS-140		C 1		X		X	
Relinquished By:		Received By:		Verbal Result:		Add'l Phone #:	
Time: 3-1-24		Time: 15:30		All Results are emailed. Please provide Email address:			
Relinquished By:		Received By:		REMARKS:			
Time:		Time:					
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition		CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Cool Intact			
		3-1		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
		#140		<input type="checkbox"/> Yes <input type="checkbox"/> No			
FORM-006 R 3.2 10/07/21				Turnaround Time: Standard <input checked="" type="checkbox"/> RUSH <input type="checkbox"/>		Thermometer ID: 4550	
				Correction Factor: 0.50		Correction Factor: 3-1-24	
				<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	
				Corrected Temp. °C			

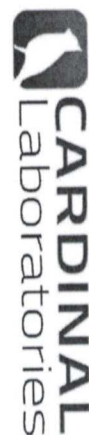
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(575) 393-2326 FAX (575) 393-2476

[illegible]



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum LLC				BILL TO				ANALYSIS REQUEST													
Project Manager: Beaux Jennings				P.O. #:																	
Address: 601 Merientfield # 400				Company:																	
City: Midland				Attn:																	
State: Tx Zip:				Address:																	
Phone # 4322303344 Fax #:				City:																	
Project #: 03B1417137				State:																	
Project Name: Nimitz MDP13 1 Fed Com #171H				Zip:																	
Project Location: Eddy Co NM				Phone #:																	
Sampler Name: Shane Diller				Fax #:																	
Lab I.D. H241047				MATRIX				SAMPLING													
Sample I.D. Depth C.W. INCHES)				(G)RAB OR (C)OMP. # CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER : ACID/BASE: CE / COOL OTHER :		DATE		TIME	
61	FS-151	18	C	1	X																
62	FS-152	18	C	1	X																
63	FS-153	18	C	1	X																
64	FS-154	18	C	1	X																
65	FS-155	18	C	1	X																
66	FS-156	18	C	1	X																
67	FS-157	18	C	1	X																
68	FS-158	18	C	1	X																
69	FS-159	18	C	1	X																
70	FS-160	18	C	1	X																

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Reinquished By: 				Date: 3-1-24				Received By: 				Date: 3-1-24			
Time: 15:30				Time: 04:00				Time:				Time:			
Observed Temp. °C 21.0				Corrected Temp. °C				Sample Condition				CHECKED BY: (Initials)			
Delivered By: (Circle One) Sampler - UPS Bus Other:				Observed Temp. °C				Corrected Temp. °C				Thermometer ID 7113 TGA			
Remarks:				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				Add'l Phone #:				Correction Factor 3-1-24			



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

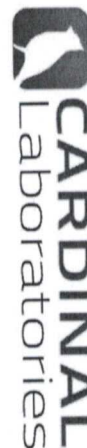
Company Name: Ensolum LLC		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Beaux Jennings		Company:					
Address: 601 Merientfield # 400		Attn:					
City: Midland		State: Tx		Zip:			
Phone # 4322303344		Fax #:		Address:			
Project # 03B1417137		Project Owner:		City:			
Project Name: Nimitz MDP13 1 Fed Com #171H		State:		Zip:			
Project Location: Eddy Co NM		Phone #:		Fax #:			
Sampler Name: Shane Diller		PRESERV.		SAMPLING			
Lab I.D. H241047		Sample I.D.		Depth (IN INCHES)			
		(G)RAB OR (C)OMP.		# CONTAINERS			
		GROUNDWATER		WASTEWATER			
		SOIL		OIL			
		SLUDGE		OTHER :			
		ACID/BASE:		CE / COOL			
		OTHER :		DATE		TIME	
FS-161		C 1		2-25-24		12:51	
FS-162		C 1		2-25-24		12:54	
FS-163		C 1		2-25-24		12:21	
FS-164		C 1		2-25-24		12:58	
FS-165		C 1		2-25-24		12:20	
FS-166		C 1		2-25-24		12:19	
FS-167		C 1		2-25-24		12:02	
FS-168		C 1		2-25-24		12:15	
FS-169		C 1		2-25-24		12:17	
FS-170		C 1		2-25-24		9:15	
Relinquished By: [Signature]		Date: 3-1-24		Time: 15:30		Received By: [Signature]	
Relinquished By:		Date:		Time:		Received By:	
Delivered By: (Circle One)		Observed Temp. °C		Corrected Temp. °C		Sample Condition	
Sampler - UPS - Bus - Other:		3.10		3.10		Cool Intact	
						Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
						Checked By: (Initials)	
						DA	
						Thermometer ID: 4448	
						Correction Factor: -0.5°C	
						3-1-24	
						Yes <input type="checkbox"/> No <input type="checkbox"/>	
						Corrected Temp. °C	
						Yes <input type="checkbox"/> No <input type="checkbox"/>	

FORM-006 R 3.2 10/07/21
† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
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[illegible]



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

April 11, 2024

KELLY LOWERY

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: NIMITZ MDP1 13 1 FEDERAL COM #171H

Enclosed are the results of analyses for samples received by the laboratory on 04/08/24 13:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM, LLC
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received: 04/08/2024
 Reported: 04/11/2024
 Project Name: NIMITZ MDP1 13 1 FEDERAL COM #171I
 Project Number: 03B1417137
 Project Location: OXY 32.213031, -103.840494

Sampling Date: 04/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: FS - 18 1.5' (H241805-01)

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	04/09/2024	ND	224	112	200	1.25	
DRO >C10-C28*	2930	10.0	04/09/2024	ND	228	114	200	3.55	
EXT DRO >C28-C36	307	10.0	04/09/2024	ND					

Surrogate: 1-Chlorooctane 71.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

Sample ID: FS - 45 2' (H241805-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	04/10/2024	ND	432	108	400	3.64	QM-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	04/09/2024	ND	224	112	200	1.25	
DRO >C10-C28*	304	10.0	04/09/2024	ND	228	114	200	3.55	
EXT DRO >C28-C36	48.7	10.0	04/09/2024	ND					

Surrogate: 1-Chlorooctane 70.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received: 04/08/2024
 Reported: 04/11/2024
 Project Name: NIMITZ MDP1 13 1 FEDERAL COM #171I
 Project Number: 03B1417137
 Project Location: OXY 32.213031, -103.840494

Sampling Date: 04/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: FS - 49 2' (H241805-03)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: CT							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3240	16.0	04/10/2024	ND	432	108	400	3.64		
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	04/09/2024	ND	224	112	200	1.25		
DRO >C10-C28*	1160	10.0	04/09/2024	ND	228	114	200	3.55		
EXT DRO >C28-C36	219	10.0	04/09/2024	ND						
Surrogate: 1-Chlorooctane	77.5 %	48.2-134								
Surrogate: 1-Chlorooctadecane	101 %	49.1-148								

Sample ID: FS - 51 2' (H241805-04)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: CT							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3440	16.0	04/10/2024	ND	432	108	400	3.64		
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	04/09/2024	ND	224	112	200	1.25		
DRO >C10-C28*	815	10.0	04/09/2024	ND	228	114	200	3.55		
EXT DRO >C28-C36	169	10.0	04/09/2024	ND						
Surrogate: 1-Chlorooctane	86.4 %	48.2-134								
Surrogate: 1-Chlorooctadecane	119 %	49.1-148								

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	04/08/2024	Sampling Date:	04/08/2024
Reported:	04/11/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP1 13 1 FEDERAL COM #171I	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	OXY 32.213031, -103.840494		

Sample ID: FS - 53 2' (H241805-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3360	16.0	04/10/2024	ND	432	108	400	3.64		

Sample ID: FS - 55 2' (H241805-06)

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	04/10/2024	ND	432	108	400	3.64	

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	04/09/2024	ND	224	112	200	1.25	
DRO >C10-C28*	699	10.0	04/09/2024	ND	228	114	200	3.55	
EXT DRO >C28-C36	122	10.0	04/09/2024	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received: 04/08/2024
 Reported: 04/11/2024
 Project Name: NIMITZ MDP1 13 1 FEDERAL COM #171I
 Project Number: 03B1417137
 Project Location: OXY 32.213031, -103.840494

Sampling Date: 04/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: FS - 58 2' (H241805-07)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: CT							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	816	16.0	04/10/2024	ND	432	108	400	3.64		
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	04/09/2024	ND	224	112	200	1.25		
DRO >C10-C28*	233	10.0	04/09/2024	ND	228	114	200	3.55		
EXT DRO >C28-C36	50.3	10.0	04/09/2024	ND						
Surrogate: 1-Chlorooctane	79.9 %	48.2-134								
Surrogate: 1-Chlorooctadecane	84.1 %	49.1-148								

Sample ID: FS - 62 2' (H241805-08)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: CT							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1330	16.0	04/10/2024	ND	432	108	400	3.64		
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	04/09/2024	ND	224	112	200	1.25		
DRO >C10-C28*	504	10.0	04/09/2024	ND	228	114	200	3.55		
EXT DRO >C28-C36	93.9	10.0	04/09/2024	ND						
Surrogate: 1-Chlorooctane	74.0 %	48.2-134								
Surrogate: 1-Chlorooctadecane	93.2 %	49.1-148								

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	04/08/2024	Sampling Date:	04/08/2024
Reported:	04/11/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP1 13 1 FEDERAL COM #1711	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	OXY 32.213031, -103.840494		

Sample ID: FS - 63 2' (H241805-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	04/10/2024	ND	432	108	400	3.64	
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	04/09/2024	ND	231	116	200	2.26	
DRO >C10-C28*	663	10.0	04/09/2024	ND	225	113	200	0.829	
EXT DRO >C28-C36	133	10.0	04/09/2024	ND					
Surrogate: 1-Chlorooctane	80.2 %	48.2-134							
Surrogate: 1-Chlorooctadecane	92.6 %	49.1-148							

Sample ID: FS - 65 2' (H241805-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1220	16.0	04/10/2024	ND	432	108	400	3.64		

Sample ID: FS - 69 2' (H241805-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	768	16.0	04/10/2024	ND	432	108	400	3.64		

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	04/08/2024	Sampling Date:	04/08/2024
Reported:	04/11/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP1 13 1 FEDERAL COM #171I	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	OXY 32.213031, -103.840494		

Sample ID: FS - 70 2' (H241805-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	04/10/2024	ND	432	108	400	3.64		

Sample ID: FS - 71 2' (H241805-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	04/10/2024	ND	432	108	400	3.64	

Sample ID: FS - 83 4' (H241805-14)

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	04/09/2024	ND	231	116	200	2.26	
DRO >C10-C28*	859	10.0	04/09/2024	ND	225	113	200	0.829	
EXT DRO >C28-C36	255	10.0	04/09/2024	ND					

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM, LLC
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received: 04/08/2024
 Reported: 04/11/2024
 Project Name: NIMITZ MDP1 13 1 FEDERAL COM #171I
 Project Number: 03B1417137
 Project Location: OXY 32.213031, -103.840494

Sampling Date: 04/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: FS - 85 4' (H241805-15)

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	04/09/2024	ND	231	116	200	2.26	
DRO >C10-C28*	89.4	10.0	04/09/2024	ND	225	113	200	0.829	
EXT DRO >C28-C36	15.8	10.0	04/09/2024	ND					
Surrogate: 1-Chlorooctane	86.8 %	48.2-134							
Surrogate: 1-Chlorooctadecane	89.7 %	49.1-148							

Sample ID: FS - 87 3' (H241805-16)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	04/10/2024	ND	432	108	400	3.64	
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	04/09/2024	ND	231	116	200	2.26	
DRO >C10-C28*	635	10.0	04/09/2024	ND	225	113	200	0.829	
EXT DRO >C28-C36	199	10.0	04/09/2024	ND					
Surrogate: 1-Chlorooctane	82.0 %	48.2-134							
Surrogate: 1-Chlorooctadecane	87.4 %	49.1-148							

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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
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	04/08/2024	Sampling Date:	04/08/2024
Reported:	04/11/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP1 13 1 FEDERAL COM #1711	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	OXY 32.213031, -103.840494		

Sample ID: FS - 88 3' (H241805-17)

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	04/09/2024	ND	231	116	200	2.26	
DRO >C10-C28*	64.0	10.0	04/09/2024	ND	225	113	200	0.829	
EXT DRO >C28-C36	12.7	10.0	04/09/2024	ND					
Surrogate: 1-Chlorooctane	84.7 %	48.2-134							
Surrogate: 1-Chlorooctadecane	88.1 %	49.1-148							

Sample ID: FS - 92 2' (H241805-18)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	04/10/2024	ND	432	108	400	3.64	
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	04/09/2024	ND	231	116	200	2.26	
DRO >C10-C28*	462	10.0	04/09/2024	ND	225	113	200	0.829	
EXT DRO >C28-C36	134	10.0	04/09/2024	ND					
Surrogate: 1-Chlorooctane	84.1 %	48.2-134							
Surrogate: 1-Chlorooctadecane	108 %	49.1-148							

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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
 KELLY LOWERY
 705 W WADLEY AVE.
 MIDLAND TX, 79705
 Fax To:

Received:	04/08/2024	Sampling Date:	04/08/2024
Reported:	04/11/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP1 13 1 FEDERAL COM #171I	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Dionica Hinojos
Project Location:	OXY 32.213031, -103.840494		

Sample ID: FS - 99 2' (H241805-19)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	688	16.0	04/10/2024	ND	432	108	400	3.64		
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	04/09/2024	ND	231	116	200	2.26		
DRO >C10-C28*	91.8	10.0	04/09/2024	ND	225	113	200	0.829		
EXT DRO >C28-C36	11.8	10.0	04/09/2024	ND						
Surrogate: 1-Chlorooctane	82.5 %	48.2-134								
Surrogate: 1-Chlorooctadecane	87.4 %	49.1-148								

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1/2

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

Company Name: Ensolum, LLC

Project Manager: Kelly Lowery

Address: 601 N. Marland St. STE 400

City: Midland State: TX Zip: 79701

Phone #: 214-733-3165

Project #: 0381417137

Project Name: NIMTZ MDP1 13 1 Federal Com. #171H

Project Location: 32.213031, -103.840494

Sample Name: Kaoru Shimada

FOR LAB USE ONLY

BILL TO

ANALYSIS REQUEST

P.O. #:

Company: OXY USA

Attn: Wade Dittich

Address:

City:

State: Zip:

Phone #:

Email:

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Relinquished By: [Signature] Date: 4/8/24 Time: 13:47 Received By: [Signature] Date: 4/8/24 Time: 13:47

Delivered By: (Circle One) Sampler - UPS - Bus - Other: Observed Temp. °C: 1.9°C Corrected Temp. °C: #140

Sample Condition: Cool Intact ☒ No ☐ No ☐ No

Thermometer ID: #113 Correction Factor: 0.00°C

Remarks: Paykey/AFENonAFE: Verbal Result: ☐ Yes ☒ No All Results are emailed. Please provide Email address: klowery@ensolum.com

Cardinal cannot accept verbal changes. Please email changes to cely.keene@cardinalabnm.com

Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	BTEX 8015M	TPH 8021B	Chloride 4500
H241805	1	1.5	1	1	GROUNDWATER					
	2	2	1	1	WASTEWATER					
	3	3	1	1	SOIL					
	4	4	1	1	OIL					
	5	5	1	1	SLUDGE					
	6	6	1	1	OTHER					
	7	7	1	1	ACID/BASE					
	8	8	1	1	ICE/COOL					
	9	9	1	1	OTHER					
	10	10	1	1						



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum, LLC

Project Manager: Kelly Lowery

Address: 601 N. Marland St. STE 400

City: Midland State: TX Zip: 79701

Phone #: 214-733-3165

Project #: 03B1417137

Project Location: 32.213031, -103.840494

Project Name: NIMITZ MDP1 13 1 Federal Com. #171H

Sample Name: Kaoru Shinada

FOR LAB USE ONLY

Lab I.D. Sample I.D.

Sample Depth (feet)

(G/RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE/COOL

OTHER :

DATE

TIME

BTEX 8015M

TPH 8021B

Chloride 4500

Verbal Result: ☐ Yes ☒ No

Add'l Phone #:

Remarks: Paykey/FFENonAFE:

Relinquished By: *[Signature]*

Date: 4-8-24

Time: 13:47

Received By: *[Signature]*

Date: 4-8-24

Time: 13:47

Observed Temp. °C: 1.9°C

Corrected Temp. °C: #140

Sample Condition

Cool Intact ☒ Yes ☐ No

Checked By: *[Signature]*

Thermometer ID: 773

Correction Factor: 0.06

Standard ☒ Observed Temp. °C

Backlog (only) Sample Condition

Yes ☐ No ☐ Corrected Temp. °C

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

2/2



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

May 16, 2024

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

RE: NIMITZ MDP1 13 1 FEDERAL COM #171H

Enclosed are the results of analyses for samples received by the laboratory on 05/10/24 10:26.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/10/2024
 Reported: 05/16/2024
 Project Name: NIMITZ MDP1 13 1 FEDERAL COM #171I
 Project Number: 03B1417137
 Project Location: OXY 32.213031, -103.840494

Sampling Date: 05/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FS - 18 48" (H242559-01)

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	05/13/2024	ND	179	89.6	200	2.08	
DRO >C10-C28*	<10.0	10.0	05/13/2024	ND	183	91.3	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	05/13/2024	ND					
Surrogate: 1-Chlorooctane	123 %	48.2-134							
Surrogate: 1-Chlorooctadecane	124 %	49.1-148							

Sample ID: FS - 49 48" (H242559-02)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2024	ND	179	89.6	200	2.08	
DRO >C10-C28*	<10.0	10.0	05/13/2024	ND	183	91.3	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	05/13/2024	ND					
Surrogate: 1-Chlorooctane	124 %	48.2-134							
Surrogate: 1-Chlorooctadecane	122 %	49.1-148							

Sample ID: FS - 87 48" (H242559-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/13/2024	ND	432	108	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP1 13 1 FEDERAL COM #171I	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Tamara Oldaker
Project Location:	OXY 32.213031, -103.840494		

Sample ID: FS - 99 48" (H242559-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/13/2024	ND	432	108	400	0.00		

Sample ID: FS - 92 48" (H242559-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/13/2024	ND	432	108	400	0.00		

Sample ID: SW - 18 0-48" (H242559-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/13/2024	ND	432	108	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP1 13 1 FEDERAL COM #171I	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Tamara Oldaker
Project Location:	OXY 32.213031, -103.840494		

Sample ID: SW - 49 0-48" (H242559-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/14/2024	ND	1.90	95.1	2.00	7.48		
Toluene*	<0.050	0.050	05/14/2024	ND	1.98	99.1	2.00	6.76		
Ethylbenzene*	<0.050	0.050	05/14/2024	ND	1.98	99.1	2.00	6.31		
Total Xylenes*	<0.150	0.150	05/14/2024	ND	6.14	102	6.00	5.93		
Total BTEX	<0.300	0.300	05/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2024	ND	179	89.6	200	2.08	
DRO >C10-C28*	<10.0	10.0	05/13/2024	ND	183	91.3	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	05/13/2024	ND					

Surrogate: 1-Chlorooctane 128 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP1 13 1 FEDERAL COM #171I	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Tamara Oldaker
Project Location:	OXY 32.213031, -103.840494		

Sample ID: SW - 87 0-48" (H242559-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/14/2024	ND	1.90	95.1	2.00	7.48		
Toluene*	<0.050	0.050	05/14/2024	ND	1.98	99.1	2.00	6.76		
Ethylbenzene*	<0.050	0.050	05/14/2024	ND	1.98	99.1	2.00	6.31		
Total Xylenes*	<0.150	0.150	05/14/2024	ND	6.14	102	6.00	5.93		
Total BTEX	<0.300	0.300	05/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2024	ND	179	89.6	200	2.08	
DRO >C10-C28*	<10.0	10.0	05/13/2024	ND	183	91.3	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	05/13/2024	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP1 13 1 FEDERAL COM #171I	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Tamara Oldaker
Project Location:	OXY 32.213031, -103.840494		

Sample ID: SW - 99 0-48" (H242559-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/14/2024	ND	1.90	95.1	2.00	7.48		
Toluene*	<0.050	0.050	05/14/2024	ND	1.98	99.1	2.00	6.76		
Ethylbenzene*	<0.050	0.050	05/14/2024	ND	1.98	99.1	2.00	6.31		
Total Xylenes*	<0.150	0.150	05/14/2024	ND	6.14	102	6.00	5.93		
Total BTEX	<0.300	0.300	05/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2024	ND	179	89.6	200	2.08	
DRO >C10-C28*	<10.0	10.0	05/13/2024	ND	183	91.3	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	05/13/2024	ND					

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/16/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP1 13 1 FEDERAL COM #171I	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Tamara Oldaker
Project Location:	OXY 32.213031, -103.840494		

Sample ID: SW - 92 0-48" (H242559-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/14/2024	ND	1.90	95.1	2.00	7.48		
Toluene*	<0.050	0.050	05/14/2024	ND	1.98	99.1	2.00	6.76		
Ethylbenzene*	<0.050	0.050	05/14/2024	ND	1.98	99.1	2.00	6.31		
Total Xylenes*	<0.150	0.150	05/14/2024	ND	6.14	102	6.00	5.93		
Total BTEX	<0.300	0.300	05/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2024	ND	181	90.3	200	0.193	
DRO >C10-C28*	<10.0	10.0	05/13/2024	ND	179	89.5	200	1.57	
EXT DRO >C28-C36	<10.0	10.0	05/13/2024	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC Project Manager: Beaux Jennings Address: 601 N. Marland St. STE 400 City: Midland Phone #: 210-219-8858 Fax #: Project #: 03B1417137 Project Owner: Project Name: Alimintz Federal com #1714 Project Location: Eddy County Sampler Name: Tabitha Guaden				BILL TO P.O. #: Company: Oxy USA, Inc. Attn: Wade Ditrich Address: City: State: Zip: Phone #: 575-390-2828 Fax #:				ANALYSIS REQUEST					
FOR LAB USE ONLY		Sample Depth (feet) inches		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV SAMPLING		DATE TIME		TPH 8015M Chlorides 4500 BTEX 8021B			
Lab I.D. 124859		Sample I.D. FS-18 FS-49 FS-87 FS-99 FS-92 SW-18 SW-49 SW-87 SW-99 SW-92		48" 48" 48" 48" 48" 0-48" 0-48" 0-48" 0-48" 0-48"		C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1		X X X X X X X X X		5/9/24 5/9/24 5/9/24 5/9/24 5/9/24 5/9/24 5/9/24 5/9/24 5/9/24		1040 1050 1052 1054 1056 1058 1100 1102 1104 1106	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.													
Relinquished By: [Signature] Date: 5/10/24 Time: 1026				Received By: [Signature] Date: 5/10/24 Time: 1026				Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:					
Delivered By: (Circle One) Sampler - UPS - Bus - Other:				Observed Temp. °C Corrected Temp. °C				Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #44-#140 Correction Factor -0.5/-0.5/10/24				Standard <input checked="" type="checkbox"/> Bacteria (only) <input type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				Sample Condition Observed Temp. °C Corrected Temp. °C					
REMARKS: Blennings@ensolum.com 1klower@ensolum.com													

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



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

September 03, 2024

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

RE: NIMITZ MDP1 13 1 FEDERAL COM #171H

Enclosed are the results of analyses for samples received by the laboratory on 08/27/24 16:31.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/27/2024	Sampling Date:	08/27/2024
Reported:	09/03/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP1 13 1 FEDERAL COM #171I	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Alyssa Parras
Project Location:	OXY 32.213031, -103.840494		

Sample ID: SW - 1 1.5' (H245230-01)

BTX 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	08/30/2024	ND	1.94	96.9	2.00	2.98		
Toluene*	<0.050	0.050	08/30/2024	ND	1.82	90.8	2.00	3.39		
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	1.82	91.2	2.00	3.14		
Total Xylenes*	<0.150	0.150	08/30/2024	ND	5.39	89.8	6.00	3.01		
Total BTX	<0.300	0.300	08/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/29/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	210	105	200	1.05	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	203	101	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/27/2024	Sampling Date:	08/27/2024
Reported:	09/03/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP1 13 1 FEDERAL COM #171I	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Alyssa Parras
Project Location:	OXY 32.213031, -103.840494		

Sample ID: SW - 3 1.5' (H245230-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2024	ND	1.94	96.9	2.00	2.98		
Toluene*	<0.050	0.050	08/30/2024	ND	1.82	90.8	2.00	3.39		
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	1.82	91.2	2.00	3.14		
Total Xylenes*	<0.150	0.150	08/30/2024	ND	5.39	89.8	6.00	3.01		
Total BTEX	<0.300	0.300	08/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/29/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	210	105	200	1.05	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	203	101	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					

Surrogate: 1-Chlorooctane 71.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/27/2024	Sampling Date:	08/27/2024
Reported:	09/03/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP1 13 1 FEDERAL COM #171I	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Alyssa Parras
Project Location:	OXY 32.213031, -103.840494		

Sample ID: SW - 9 1.5' (H245230-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2024	ND	1.94	96.9	2.00	2.98		
Toluene*	<0.050	0.050	08/30/2024	ND	1.82	90.8	2.00	3.39		
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	1.82	91.2	2.00	3.14		
Total Xylenes*	<0.150	0.150	08/30/2024	ND	5.39	89.8	6.00	3.01		
Total BTEX	<0.300	0.300	08/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	08/29/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	210	105	200	1.05	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	203	101	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "C. D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

September 04, 2024

BEAUX JENNINGS

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: NIMITZ MDP1 13 1 FEDERAL COM #171H

Enclosed are the results of analyses for samples received by the laboratory on 08/28/24 16:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/28/2024	Sampling Date:	08/28/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	NIMITZ MDP1 13 1 FEDERAL COM #171I	Sampling Condition:	Cool & Intact
Project Number:	03B1417137	Sample Received By:	Alyssa Parras
Project Location:	OXY 32.213031, -103.840494		

Sample ID: SW - 8 1.5 (H245250-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2024	ND	2.00	100	2.00	2.01	
Toluene*	<0.050	0.050	08/30/2024	ND	1.92	96.0	2.00	2.09	
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	1.91	95.6	2.00	1.68	
Total Xylenes*	<0.150	0.150	08/30/2024	ND	5.72	95.3	6.00	0.993	
Total BTEX	<0.300	0.300	08/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/29/2024	ND	416	104	400	0.00	

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	191	95.4	200	4.87	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	191	95.3	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC

Project Manager: Beaux Jennings

Address: 601 N. Marfield St. STE 400

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

Phone #: (210)219-8858 **Email:** bjennings@ensolum.com

Project #: 03B14713 **Project Owner:**

Project Name: NIMETZ MOP1 13 1 Fed Gov

Project Location: 17th

Sampler Name: Kaoru Shimada

P.O. #:

Company: OXY USA

Attn: Wade Dittich

Address:

City:

State: **Zip:**

Phone #:

Email:

Lab I.D. 17245360

Sample I.D. 42-9

Sample Depth (feet) 14.5

(G)RAB OR (C)OMP. C1

CONTAINERS

GROUNDWATER	
WASTEWATER	
SOIL	X
OIL	
SLUDGE	
OTHER :	
ACID/BASE:	
ICE / COOL	X
OTHER :	

DATE 8-28-24 **TIME** 1431

BTEX 8021B X

TPH 8015M X

Chloride 4500 X

Hold

Relinquished By: Kaoru Shimada

Date: 8-28-24

Time: 1450

Received By: ADAMS

Date:

Time:

Verbal Result: ☐ Yes ☒ No

Add'l Phone #:

Remarks: Paykey/AFENonAFE:

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

Observed Temp. °C 43.6

Corrected Temp. °C 3.7C

Sample Condition

Cool	Intact
<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes
<input type="checkbox"/> No	<input type="checkbox"/> No

CHECKED BY: (Initials) AD

Turnaround Time: Standard ☒ Rush ☐

Thermometer ID #113

Correction Factor: -0.3°C

Batch # (only) Sample Condition

<input type="checkbox"/> Yes	<input type="checkbox"/> No
<input type="checkbox"/> Yes	<input type="checkbox"/> No

Corrected Temp. °C

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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 489415

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 489415
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2336151910
Incident Name	NAPP2336151910 NIMITZ MDP1 13 1 FEDERAL COM. #171H @ 0
Incident Type	Blow Out
Incident Status	Remediation Closure Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	NIMITZ MDP1 13 1 Federal Com. #171H
Date Release Discovered	12/26/2023
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Blow Out
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Blow Out Flow Line - Production Crude Oil Released: 12 BBL Recovered: 3 BBL Lost: 9 BBL.
Produced Water Released (bbls) Details	Cause: Blow Out Flow Line - Production Produced Water Released: 41 BBL Recovered: 10 BBL Lost: 31 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 489415

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 489415
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 12/27/2023
--	---

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QUESTIONS, Page 3

Action 489415

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:
	16696
	Action Number:
	489415
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	10800
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	3237
GRO+DRO (EPA SW-846 Method 8015M)	2930
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	02/29/2024
On what date will (or did) the final sampling or liner inspection occur	08/28/2024
On what date will (or was) the remediation complete(d)	08/28/2024
What is the estimated surface area (in square feet) that will be reclaimed	68882
What is the estimated volume (in cubic yards) that will be reclaimed	4508
What is the estimated surface area (in square feet) that will be remediated	68882
What is the estimated volume (in cubic yards) that will be remediated	4508
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 489415

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:
	16696
	Action Number:
	489415
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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.	
I hereby agree and sign off to the above statement	Name: Daniel Sparks Title: Environmental Analyst III Email: daniel_sparks@oxy.com Date: 07/29/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 489415

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 489415
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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Action 489415

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 489415
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	376747
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/27/2024
What was the (estimated) number of samples that were to be gathered	5
What was the sampling surface area in square feet	1000

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	68882
What was the total volume (cubic yards) remediated	4508
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	42589
What was the total volume (in cubic yards) reclaimed	2366
Summarize any additional remediation activities not included by answers (above)	NA
<i>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 (in .pdf format) 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.</i>	
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.	
I hereby agree and sign off to the above statement	Name: Daniel Sparks Title: Environmental Analyst III Email: daniel_sparks@oxy.com Date: 07/29/2025

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Action 489415

QUESTIONS (continued)

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	Action Number: 489415
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 489415

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 489415
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2336151910 NIMITZ MDP1 13 1 FEDERAL COM. #171H, thank you. This Remediation Closure Report is approved.	8/15/2025