



ENSOLUM

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 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 CI B | 600 mg/kg |
| | TPH (GRO+DRO+MRO) | EPA SW-846 Method 8015M | 100 mg/kg |

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

| 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.

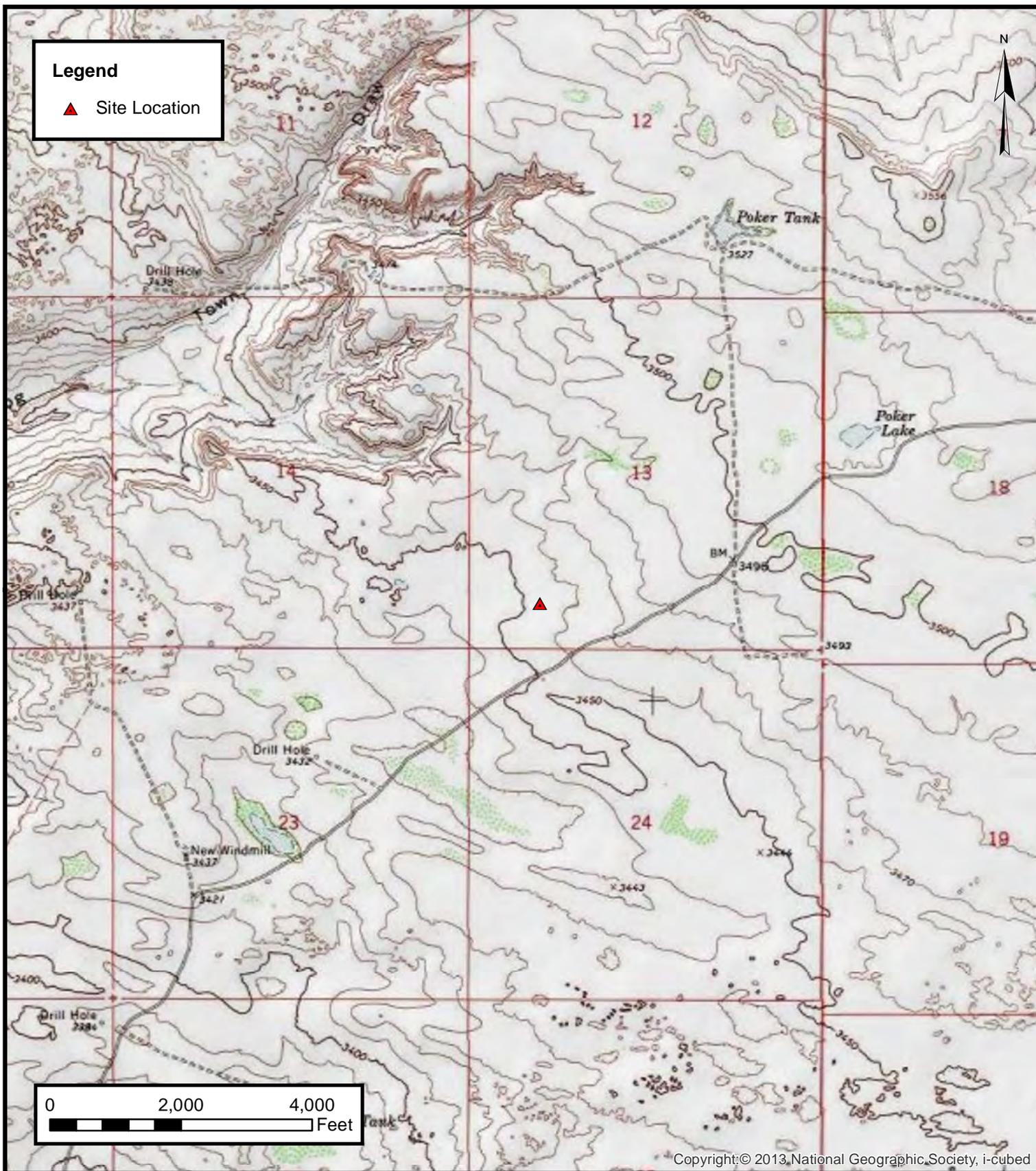
9.3 Reliance

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

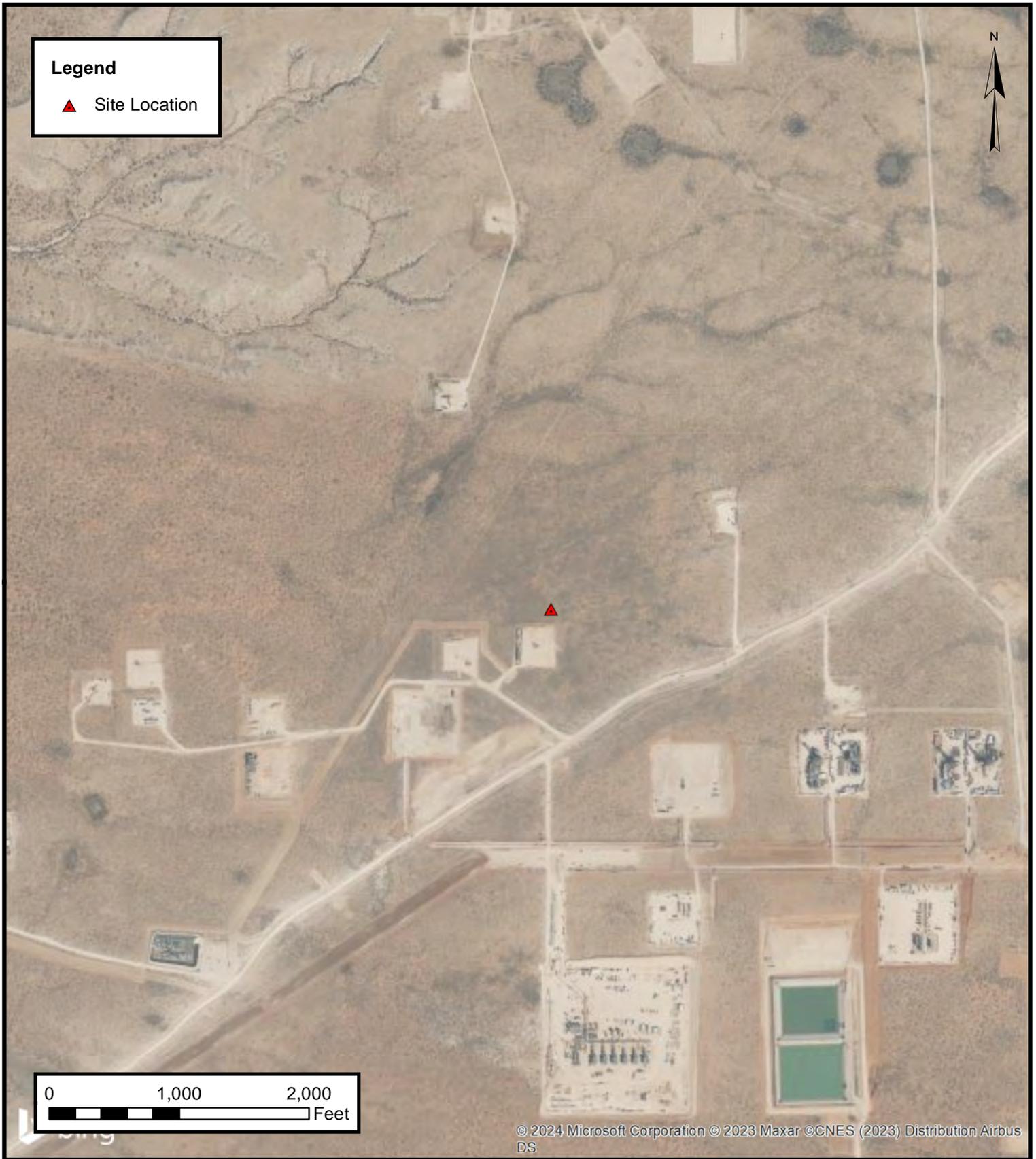
Figures



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

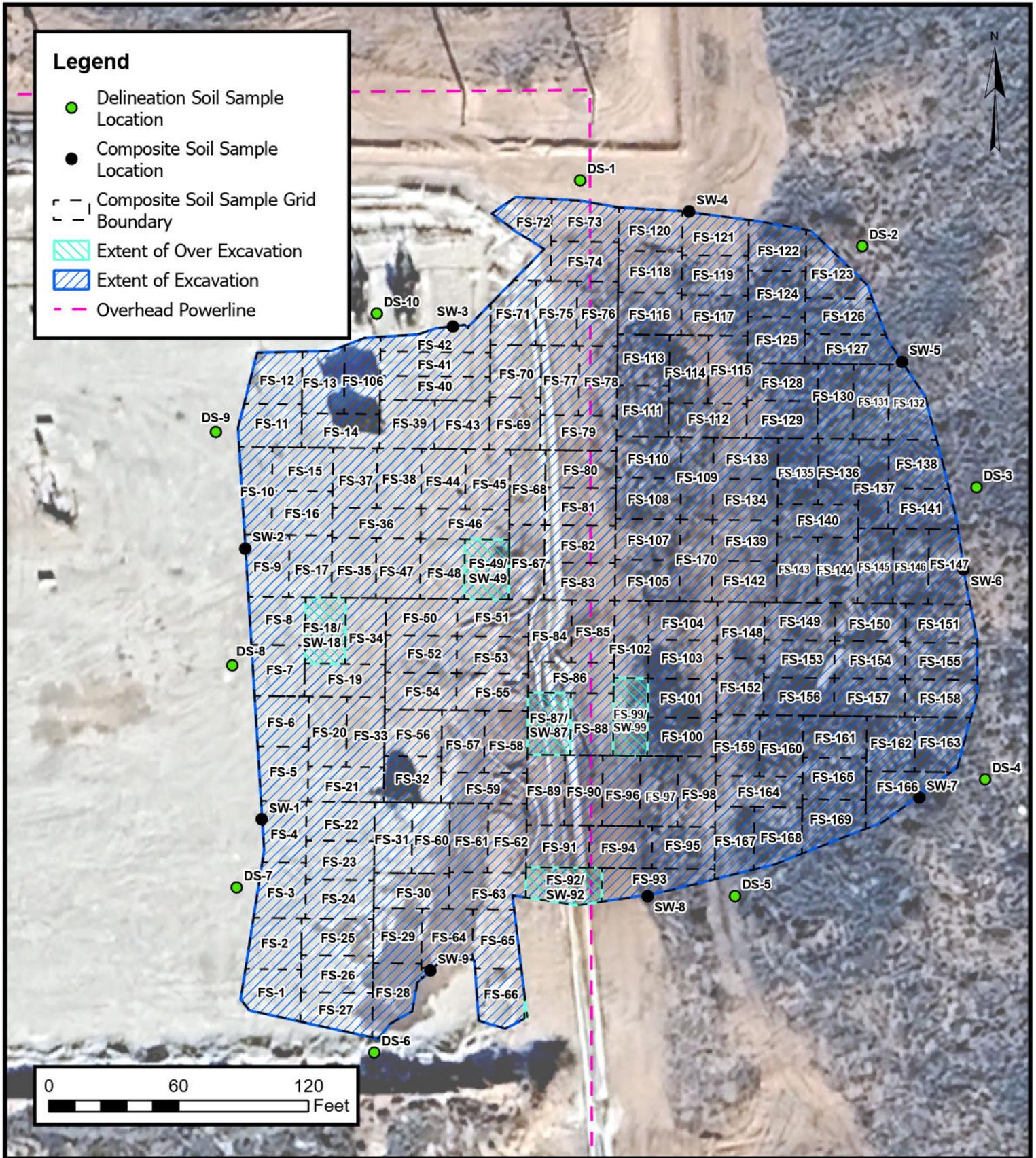
PROJECT NUMBER: 03B1417137

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

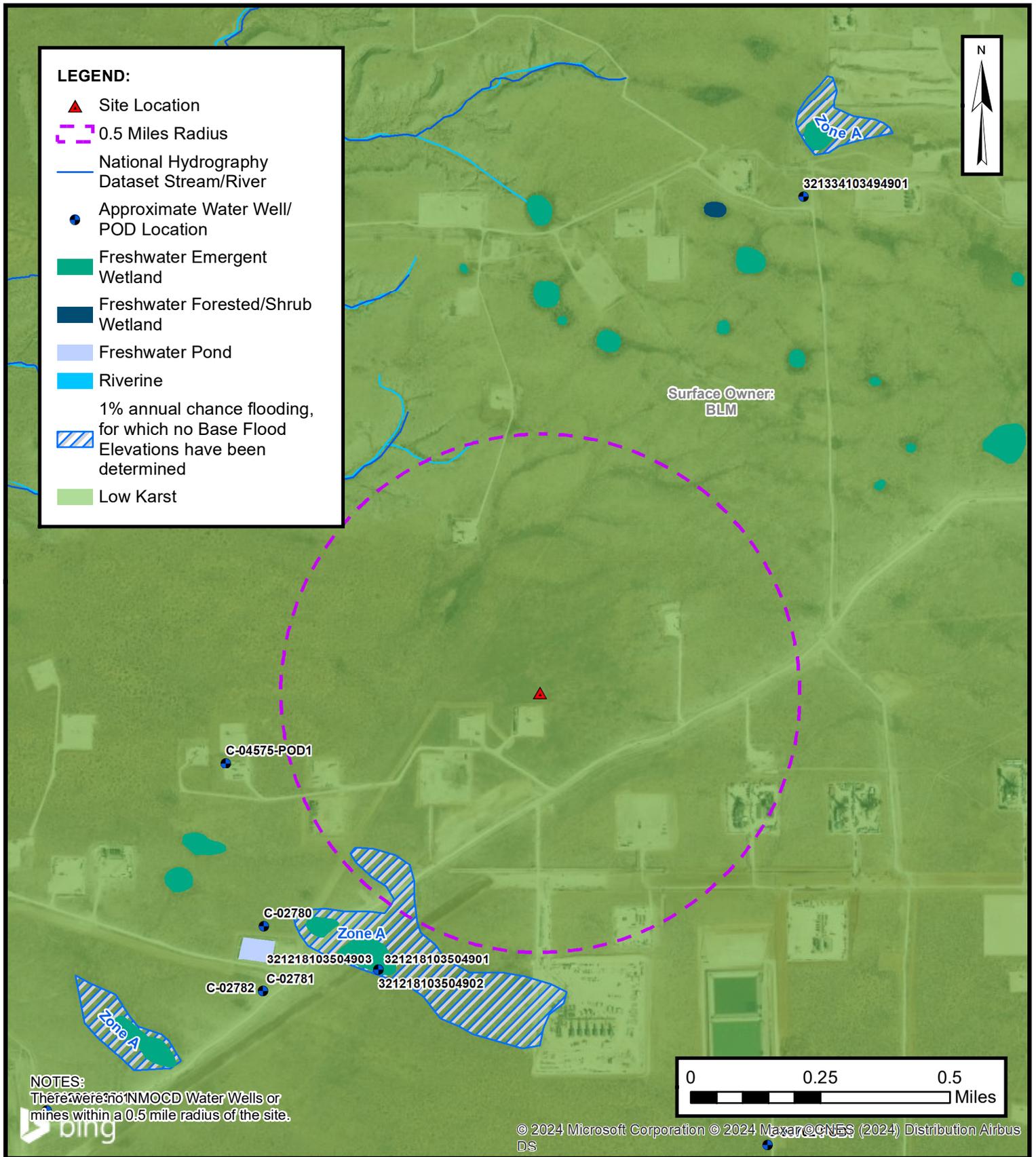
FIGURE
2



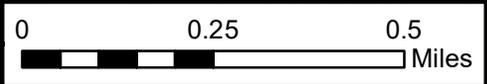
Site Map
 Oxy USA Inc.
 NIMITZ MDP1 13 1 Federal Com. #171H
 32.212648° N, 103.839391° W
 Eddy County, New Mexico

PROJECT NUMBER: 03B1417137

FIGURE
3



NOTES:
 There were no NMOCD Water Wells or mines within a 0.5 mile radius of the site.



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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



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
in f   

OSE POD Location Map

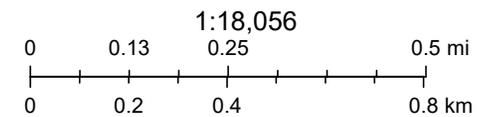


1/16/2024, 4:00:03 PM

- Override 1
- 📍 Override 1
- Override 1

- GIS WATERS PODs
- Plugged
 -

- OSE District Boundary
- NHD Flowlines
- Stream River



Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar



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) | LATITUDE | DEGREES 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 | 245-30E-23 | WELL TAG ID NO. | — | PAGE 1 OF 2 | | |

MON

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 DIT 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

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



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



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 reseeding activities, facing south (06/19/2024).

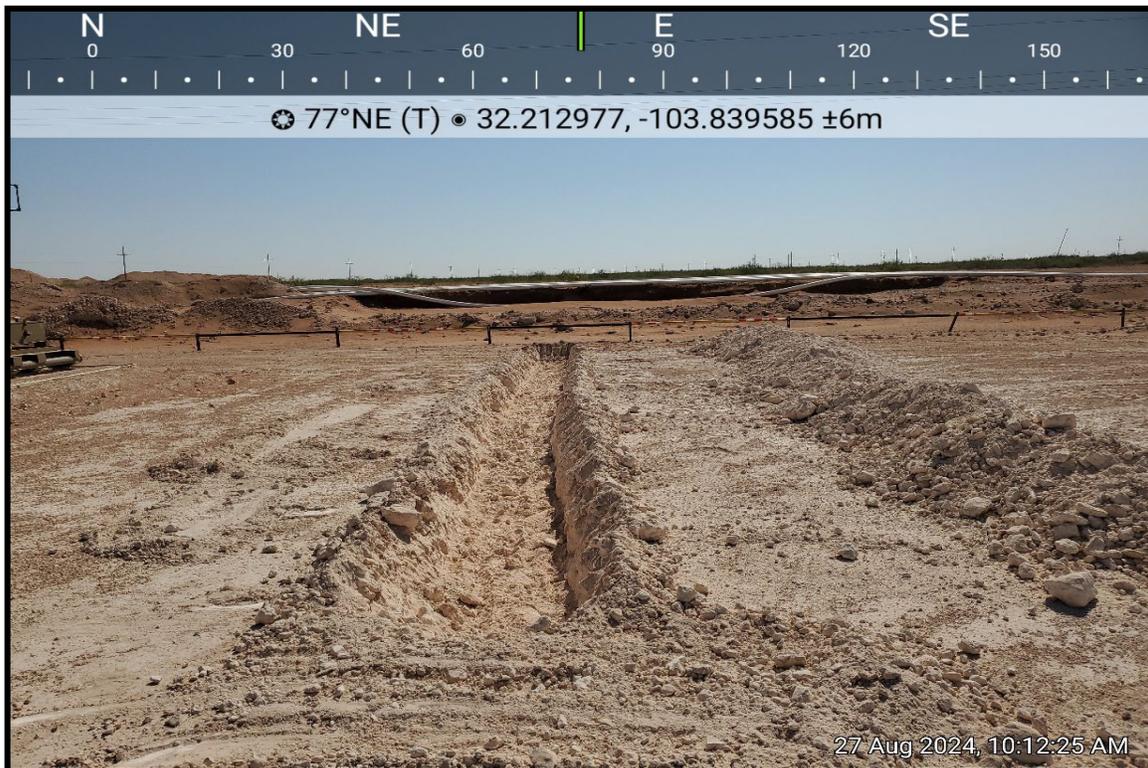


View of excavation extent post backfill and dust suppression activities, facing northeast (06/19/2024).

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 |
| 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 |
| 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 | |
| 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 | |
| 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 | |
| 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 | |
| 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 |
| 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 |

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-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 | |

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-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 | <10.0 | <10.0 | <10.0 | <10.0 | 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 | <10.0 | 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 | <10.0 | 17.8 | 96.0 |
| FS-140 | 02/29/2024 | 18 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 13.3 | <10.0 | <10.0 | 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 | <10.0 | 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 | <10.0 | 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 | 10.8 | 32.0 | |
| FS-151 | 02/29/2024 | 18 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | 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 | 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 | 48.0 | |
| FS-157 | 02/29/2024 | 18 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <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 | 96.0 | |
| FS-160 | 02/29/2024 | 18 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <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 | 32.0 | |
| FS-163 | 02/29/2024 | 18 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <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 | 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 | <10.0 | 426 | 2,840 |
| DS-9 | 02/29/2024 | 3 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 141 | 28.6 | <10.0 | 170 | 176 |
| DS-10 | 02/29/2024 | 3 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 174 | 78.1 | <10.0 | 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".

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)

| 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) 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, SM4500CI-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

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 - 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, SM4500CI-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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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, SM4500CI-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, SM4500CI-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, SM4500CI-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, SM4500CI-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 | 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 - 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, SM4500CI-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, SM4500CI-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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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 - 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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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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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)

| 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, 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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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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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, SM4500CI-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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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



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 - 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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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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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, SM4500CI-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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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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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, SM4500CI-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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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 - 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, SM4500CI-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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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, SM4500CI-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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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 - 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, SM4500CI-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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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, SM4500CI-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, SM4500CI-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, SM4500CI-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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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 - 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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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 - 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, SM4500CI-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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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 - 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, SM4500CI-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, SM4500CI-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, SM4500CI-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, SM4500CI-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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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, SM4500CI-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, SM4500CI-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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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 - 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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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, SM4500CI-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, 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* | 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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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, SM4500CI-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, SM4500CI-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, SM4500CI-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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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, SM4500CI-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



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 - 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, SM4500CI-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, SM4500CI-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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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, SM4500CI-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 | 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 - 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, SM4500CI-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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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 - 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



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 - 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, SM4500CI-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 | 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 - 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, SM4500CI-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, SM4500CI-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 | 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 - 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, SM4500CI-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 | 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 - 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, SM4500CI-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, SM4500CI-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, SM4500CI-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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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 - 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, SM4500CI-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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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 - 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, SM4500CI-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, SM4500CI-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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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, SM4500CI-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, SM4500CI-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, SM4500CI-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, SM4500CI-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, SM4500CI-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, SM4500CI-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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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, SM4500CI-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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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, SM4500CI-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, SM4500CI-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, 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 | 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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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 - 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, SM4500CI-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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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 - 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, 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 | 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 | 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 - 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, SM4500CI-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, SM4500CI-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, SM4500CI-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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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, SM4500CI-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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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, SM4500CI-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, SM4500CI-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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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 - 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, SM4500CI-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, SM4500CI-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 | 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 - 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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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, SM4500CI-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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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, SM4500CI-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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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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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 | | P.O. #: | | BILL TO | | ANALYSIS REQUEST | |
| Project Manager: Beau Jennings | | Company: | | TPH 8015 | | | |
| Address: 601 Merfield # 400 | | Attn: | | BTEX 8021b | | | |
| City: Midland | | Address: | | Chloride 4500 | | | |
| Phone # 4322303344 | | City: | | | | | |
| Project # 03B1417137 | | State: | | | | | |
| Project Location: Eddy Co NM | | Zip: | | | | | |
| Sampler Name: Shane Diller | | Phone #: | | | | | |
| Lab I.D. Handwritten: H41016 | | Fax #: | | | | | |
| Sample I.D. Handwritten: peprk | | Project Owner: | | | | | |
| | | State: | | | | | |
| | | Zip: | | | | | |
| | | Phone #: | | | | | |
| | | Fax #: | | | | | |
| | | PRESERV. | | SAMPLING | | | |
| | | MATRIX | | | | | |
| | | GROUNDWATER | | | | | |
| | | WASTEWATER | | | | | |
| | | SOIL | | | | | |
| | | OIL | | | | | |
| | | SLUDGE | | | | | |
| | | OTHER : | | | | | |
| | | ACID/BASE: | | | | | |
| | | COOL | | | | | |
| | | OTHER : | | | | | |
| | | DATE | | TIME | | | |
| 1 FS-1 | | 18 ¹¹ C 1 | | 2-25-24 9:02 | | X X X | |
| 2 FS-2 | | 18 ¹¹ C 1 | | 2-25-24 9:03 | | X X X | |
| 3 FS-3 | | 18 ¹¹ C 1 | | 2-25-24 9:04 | | X X X | |
| 4 FS-4 | | 18 ¹¹ C 1 | | 2-25-24 9:05 | | X X X | |
| 5 FS-5 | | 18 ¹¹ C 1 | | 2-25-24 9:06 | | X X X | |
| 6 FS-6 | | 18 ¹¹ C 1 | | 2-25-24 9:07 | | X X X | |
| 7 FS-7 | | 18 ¹¹ C 1 | | 2-25-24 9:08 | | X X X | |
| 8 FS-8 | | 18 ¹¹ C 1 | | 2-25-24 9:09 | | X X X | |
| 9 FS-9 | | 18 ¹¹ C 1 | | 2-25-24 9:10 | | X X X | |
| 10 FS-10 | | 18 ¹¹ C 1 | | 2-25-24 9:11 | | X X X | |

PLATE NOTE: Label and Date: Current label and date is required to be in contact with the amount used by the client for the analysis. All claims including those for negligence and any other claims 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 any claim for negligence 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 rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: **Handwritten: [Signature]** Date: **Handwritten: 3/11/24** Time: **Handwritten: 15:30**

Received By: **Handwritten: [Signature]** Date: **Handwritten: 3/11/24** Time: **Handwritten: 15:30**

Delivered By: (Circle One) **Handwritten: Bus** Observed Temp, °C: **Handwritten: 3.10** Corrected Temp, °C: **Handwritten: #410**

Sample Condition: Cool Inlet No No

Checked By: **Handwritten: [Signature]** (Initials)

Thermometer ID: **Handwritten: #44** Correction Factor: **Handwritten: 0.04** Standard: Observed Temp, °C Corrected Temp, °C

Remarks: **Handwritten: All Results are emailed. Please provide Email address.**

FORM-006 R 3.2 10/07/21

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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: Beau Jennings | | Company: | | TPH 8015 | | | |
| Address: 601 Merientfield # 400 | | Attn: | | BTEX 8021b | | | |
| City: Midland State: Tx Zip: | | Address: | | Chloride 4500 | | | |
| Phone # 4322303344 Fax #: | | City: | | | | | |
| Project # 03B1417137 Project Owner: | | State: | | | | | |
| Project Name: Nimitz MDP-13 1 Fed Com #171H | | Zip: | | | | | |
| Project Location: Eddy Co NM | | Phone #: | | | | | |
| Sampler Name: Shane Diller | | Fax #: | | | | | |
| Lab I.D. H241046 | | Sample I.D. | | Deprl | | | |
| | | (G)RAB OR (C)OMP. | | | | | |
| | | # CONTAINERS | | | | | |
| | | GROUNDWATER | | | | | |
| | | WASTEWATER | | | | | |
| | | SOIL | | | | | |
| | | OIL | | | | | |
| | | SLUDGE | | | | | |
| | | OTHER : | | | | | |
| | | ACID/BASE: | | | | | |
| | | ICE / COOL | | | | | |
| | | OTHER : | | | | | |
| | | DATE | | TIME | | | |
| 11 FS-11 | | 18 ¹¹ C 1 | | 7-25-24 9:12 | | X X X | |
| 12 FS-12 | | 18 ¹¹ C 1 | | 7-25-24 9:13 | | X X X | |
| 13 FS-13 | | 18 ¹¹ C 1 | | 7-25-24 9:14 | | X X X | |
| 14 FS-14 | | 18 ¹¹ C 1 | | 7-25-24 9:16 | | X X X | |
| 15 FS-15 | | 18 ¹¹ C 1 | | 7-25-24 9:17 | | X X X | |
| 16 FS-16 | | 18 ¹¹ C 1 | | 7-25-24 9:19 | | X X X | |
| 17 FS-17 | | 18 ¹¹ C 1 | | 7-25-24 9:19 | | X X X | |
| 18 FS-18 | | 18 ¹¹ C 1 | | 7-25-24 9:20 | | X X X | |
| 19 FS-19 | | 18 ¹¹ C 1 | | 7-25-24 9:23 | | X X X | |
| 20 FS-20 | | 18 ¹¹ C 1 | | 7-25-24 9:22 | | X X X | |

LABORATORY: Location and Design: (Customer facility 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 this analysis. All claims including those for negligence and any other claims 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 any claim for damages 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.

REMARKS: Verbal Result: Yes No Add'l Phone #:
All Results are emailed. Please provide Email address:

Relinquished By: [Signature] Date: 8-1-24 Received By: [Signature] Date: 7-29-24
Time: 15:30

Delivered By: (Circle One) Observed Temp, °C Corrected Temp, °C Sample Condition
Sampler - UPS - Bus - Other: #1110 3.10c Cool Intact Yes No
 No No

Checked By: (Initials) DA

Thermometer ID: 444-DA
Correction Factor: -0.5°C
3-1-24

Standard Observed Temp, °C Yes No
Rush Cool Intact No Yes
Corrected Temp, °C Yes No

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

BILL TO

ANALYSIS REQUEST

Company Name: Ensolum LLC
 Project Manager: Beaux Jennings
 Address: 601 Meridenfield # 400
 City: Midland State: Tx Zip:
 Phone # 4322303344 Fax #:
 Project # 0381417137 Project Owner:
 Project Name: Nimitz MDP13 1 Fed Com #171H
 Project Location: Eddy Co NM
 Sample Name: Shane Diller
 Lab I.D. H41616
 P.O. #: TPH 8015
 Company: BTEX 8021b
 Attn: Chloride 4500
 Address:
 City: State: Zip:
 Phone #:
 Fax #:

| Sample I.D. | Date | Time | (G)GRAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | | | DATE | TIME | TPH 8015 | BTEX 8021b | Chloride 4500 |
|-------------|------|------|--------------------|--------------|-------------|------------|------|-----|--------|--|----------|---------|------|----------|------------|---------------|
| | | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : ACID/BASE: ICE/COOL OTHER : | PRESERV. | | | | | |
| 91 FS-21 | 18 | | C 1 | X | | | | | | | | 2-25-24 | 924 | X | X | X |
| 92 FS-22 | 18 | | C 1 | X | | | | | | | | 2-24-24 | 924 | X | X | X |
| 93 FS-23 | 18 | | C 1 | X | | | | | | | | 2-24-24 | 925 | X | X | X |
| 94 FS-24 | 18 | | C 1 | X | | | | | | | | 2-24-24 | 926 | X | X | X |
| 95 FS-25 | 18 | | C 1 | X | | | | | | | | 2-24-24 | 927 | X | X | X |
| 96 FS-26 | 18 | | C 1 | X | | | | | | | | 2-24-24 | 928 | X | X | X |
| 97 FS-27 | 18 | | C 1 | X | | | | | | | | 2-24-24 | 929 | X | X | X |
| 98 FS-28 | 18 | | C 1 | X | | | | | | | | 2-24-24 | 930 | X | X | X |
| 99 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 |

FIELD NOTE: Location and Design: Container labels and chain of custody records to be retained in contact or not, shall be listed in the amount paid by the client for the analyses. All claims including those for negligence and any other claims 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 or its successors be liable for any damages, including without limitation, business interruption, loss of data, or loss of profits incurred by client, its subcontractor, 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.

Relinquished By: [Signature]
 Date: 2-1-24 Time: 15:30
 Received By: [Signature]
 Date: [Signature] Time: [Signature]
 Delivered By: (Circle One) Sampler - UPS - Bus - Other: #141D
 Observed Temp °C: 3.10 Corrected Temp °C: #141D
 Sample Condition: Cool Inlet Yes No
 Checked By: [Signature] (Initials)
 Turnaround Time: Standard Expedited
 Rush Cool Inlet Observed Temp °C
 Thermometer ID: #445-D4 Correction Factor: -0.5°C
 Add'l Phone #: [Blank]
 Verbal Result: Yes No
 All Results are emailed. Please provide Email address:
 REMARKS:
 Add'l Phone #: Yes No
 Corrected Temp °C: Yes No

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

FORM-006 R 3.2 10/07/21



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

| | | | | |
|---|--|----------------|--|---------------|
| Company Name: EnsoLum LLC | | P.O. #: | | TPH 8015 |
| Project Manager: Beau Jennings | | Company: | | BTEX 8021b |
| Address: 601 Merionfield # 400 | | Attn: | | Chloride 4500 |
| City: Midland | | State: Tx | | |
| Phone # 432230344 | | Zip: | | |
| Project #: 03B1417137 | | Project Owner: | | |
| Project Name: Nimitz MDP-13 1 Fed Com #171H | | City: | | |
| Project Location: Eddy Co NM | | State: | | |
| Sampler Name: Shane Diller | | Phone #: | | |
| Lab I.D. #101046 | | Fax #: | | |

| Sample I.D. | Observed Temp. °C | Corrected Temp. °C | Date | Time | Received By: | Matrix | | DATE | TIME | X | X | X |
|-------------|-------------------|--------------------|---------|------|--------------|-------------|------------|------|------|---|---|---|
| | | | | | | GROUNDWATER | WASTEWATER | | | | | |
| 31 FS-31 | 18 | 18 | 7-28-24 | 9:34 | X | X | X | | | | | |
| 32 FS-32 | 18 | 18 | 7-28-24 | 9:39 | X | X | X | | | | | |
| 33 FS-33 | 18 | 18 | 7-28-24 | 9:36 | X | X | X | | | | | |
| 34 FS-34 | 18 | 18 | 7-28-24 | 9:38 | X | X | X | | | | | |
| 35 FS-35 | 18 | 18 | 7-28-24 | 9:39 | X | X | X | | | | | |
| 36 FS-36 | 18 | 18 | 7-28-24 | 9:40 | X | X | X | | | | | |
| 37 FS-37 | 18 | 18 | 7-28-24 | 9:41 | X | X | X | | | | | |
| 38 FS-38 | 18 | 18 | 7-28-24 | 9:41 | X | X | X | | | | | |
| 39 FS-39 | 18 | 18 | 7-28-24 | 9:46 | X | X | X | | | | | |
| 40 FS-40 | 18 | 18 | 7-28-24 | 9:45 | X | X | X | | | | | |

| | | | | |
|--|---|--|---|--|
| Retinquished By: [Signature] | Date: 8-1-24 | Received By: [Signature] | Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Phone #: |
| Retinquished By: [Signature] | Date: 15:30 | Received By: [Signature] | All Results are emailed. Please provide Email address: | |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | Observed Temp. °C: 3.10 Corrected Temp. °C: 3.10 | Sample Condition: Cool Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Other: <input type="checkbox"/> Yes <input type="checkbox"/> No | Checked By: (Initials) [Signature] | Thermometer ID: #113124 Correction Factor: 0.05°C |

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Ensolium LLC
 Project Manager: Beau Jennings
 Address: 601 Merriemfield # 400
 City: Midland State: Tx Zip:
 Phone # 4322303344 Fax #:
 Project #: 03B1417137 Project Owner:
 Project Name: Nimitz MDP13 1 Fed Com #171H
 Project Location: Eddy Co NM
 Sampler Name: Shane Diller
 P.O. #: TPH 8015
 Company: BTEX 8021b
 Address: Chloride 4500
 City: State: Zip:
 Phone #: Fax #:
 Lab I.D. H21026

| Sample I.D. | Date | Time | Observed Temp. °C | Corrected Temp. °C | Sample Condition | Checked By (Initials) | Turnaround Time | Standard | Bacteria (only) Sample Condition | Thermometer ID | Correction Factor | Corrected Temp. °C | Remarks | Verbal Result | Yes | No | Add'l Phone # |
|-------------|---------|------|-------------------|--------------------|------------------|-----------------------|-----------------|----------|----------------------------------|----------------|-------------------|--------------------|---------|---------------|-----|----|---------------|
| | | | | | | | | | | | | | | | | | |
| 51 FS-51 | 2-24-24 | 1008 | X | X | X | X | | | | | | | | | | | |
| 52 FS-52 | 2-24-24 | 955 | X | X | X | X | | | | | | | | | | | |
| 53 FS-53 | 2-24-24 | 1004 | X | X | X | X | | | | | | | | | | | |
| 54 FS-54 | 2-24-24 | 954 | X | X | X | X | | | | | | | | | | | |
| 55 FS-55 | 2-24-24 | 1010 | X | X | X | X | | | | | | | | | | | |
| 56 FS-56 | 2-24-24 | 953 | X | X | X | X | | | | | | | | | | | |
| 57 FS-57 | 2-24-24 | 1011 | X | X | X | X | | | | | | | | | | | |
| 58 FS-58 | 2-24-24 | 1012 | X | X | X | X | | | | | | | | | | | |
| 59 FS-59 | 2-24-24 | 1013 | X | X | X | X | | | | | | | | | | | |
| 60 FS-60 | 2-24-24 | 0957 | X | X | X | X | | | | | | | | | | | |

PLATE NOTE: Label and container. Groundwater and clean container must be used for any claim being made. The amount paid by the client for the analysis. 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, 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: 3-1-24 Received By: [Signature] Date: 3-1-24
 Relinquished By: [Signature] Date: 3-1-24 Received By: [Signature] Date: 3-1-24
 Delivered By: (Circle One) Observed Temp. °C 3.102 Corrected Temp. °C 3.102
 Sampler - UPS - Bus - Other: #14D Sample Condition Cool Intact Yes No
 Checked By: [Signature] (Initials) OK
 Turnaround Time: Rush Standard Bacteria (only) Sample Condition Yes No
 Thermometer ID: 4448-DA Correction Factor: -0.5°C
 Add'l Phone #: Yes No
 Corrected Temp. °C: Yes No

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FORM-006 R 3.2 1007/21



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Ensolium LLC
 Project Manager: Beau Jennings
 Address: 601 Meritfield # 400
 City: Midland State: Tx Zip:
 Phone # 4322303344 Fax #:
 Project #: 03B1417137 Project Owner:
 Project Name: Nimitz MDP13 1 Fed Com #177H
 Project Location: Eddy Co NM State: Zip:
 Sampler Name: Shame Diller Phone #:
 Lab I.D. H241046

| Lab I.D. | Sample I.D. | # CONTAINERS | MATRIX | | | | | | | DATE | TIME | TPH 8015 | BTEX 8021b | Chloride 4500 | |
|----------|-------------|--------------|-------------|------------|------|-----|--------|-------------------|-------------------|------|---------|----------|------------|---------------|---|
| | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: ACID/BASE: | OTHER: METAL/COOL | | | | | | |
| 61 | FS-61 | 18 | C | 1 | X | | | | | | 2-25-24 | 1015 | X | X | X |
| 62 | FS-62 | 18 | C | 1 | X | | | | | | 2-25-24 | 1016 | X | X | X |
| 63 | FS-63 | 18 | C | 1 | X | | | | | | 2-25-24 | 1017 | X | X | X |
| 64 | FS-64 | 18 | C | 1 | X | | | | | | 2-25-24 | 950 | X | X | X |
| 65 | FS-65 | 18 | C | 1 | X | | | | | | 2-25-24 | 1018 | X | X | X |
| 66 | FS-66 | 18 | C | 1 | X | | | | | | 2-25-24 | 1019 | X | X | X |
| 67 | FS-67 | 18 | C | 1 | X | | | | | | 2-25-24 | 1040 | X | X | X |
| 68 | FS-68 | 18 | C | 1 | X | | | | | | 2-25-24 | 1041 | X | X | X |
| 69 | FS-69 | 18 | C | 1 | X | | | | | | 2-25-24 | 1003 | X | X | X |
| 70 | FS-70 | 18 | C | 1 | X | | | | | | 2-25-24 | 1000 | X | X | X |

PLEASE NOTE: Laboratory and Client's seal and client's seal are required for any claim involving analysis. The seal is to be used to protect the sample from tampering. 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, 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 theories or otherwise.

Relinquished By: [Signature] Date: 5-1-24 Time: 15:30
 Received By: [Signature] Date: [] Time: []
 Verbal Result: Yes No
 All Results are emailed. Please provide Email address:
 Add'l Phone #:
 REMARKS:
 Delivered By: (Circle One) Observed Temp. °C: 31.02 Corrected Temp. °C: []
 Sampler - Ups - Bus - Other: #140 Sample Condition: Cool Intact Yes No
 Checked By: [Signature] Thermometer ID: [] Correction Factor: 3-1-24
 Standard Backs (only) Sample Condition: Yes No
 RUSH Cool Intact Observed Temp. °C: Yes No
 Corrected Temp. °C: Yes No

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

FORM-006 R.3.2 1/00/7/21



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

*=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 - 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, SM4500CI-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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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, SM4500CI-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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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, SM4500CI-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, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 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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 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, SM4500CI-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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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, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 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, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 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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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 - 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, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 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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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, SM4500CI-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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 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, SM4500CI-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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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, SM4500CI-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)

| 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, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 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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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, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 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, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 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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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, SM4500CI-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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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, SM4500CI-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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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, 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 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 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 - 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, 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 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, SM4500CI-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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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, SM4500CI-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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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, 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 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 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 - 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, SM4500CI-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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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, SM4500CI-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, SM4500CI-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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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, SM4500CI-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



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 - 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, 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 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 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 - 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, SM4500CI-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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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 - 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, SM4500CI-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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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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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, SM4500CI-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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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, SM4500CI-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, SM4500CI-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, SM4500CI-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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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, 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 | 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, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 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 - 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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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, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 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, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 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, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 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, SM4500CI-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, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 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, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 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, 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* | 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, SM4500CI-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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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, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 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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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, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 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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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 - 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, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 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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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)

| 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, 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, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 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 | 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 - 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, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 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, SM4500CI-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, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 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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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 - 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, SM4500CI-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, SM4500CI-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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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, SM4500CI-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, SM4500CI-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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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, 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 | 03/06/2024 | 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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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)

| 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, 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 | 03/06/2024 | 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, SM4500CI-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, 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 | 03/06/2024 | 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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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, SM4500CI-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, SM4500CI-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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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, SM4500CI-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, SM4500CI-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, SM4500CI-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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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 - 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, SM4500CI-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, SM4500CI-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, SM4500CI-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, SM4500CI-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, SM4500CI-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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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 - 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, SM4500CI-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 | 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 - 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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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



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 - 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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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, SM4500CI-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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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, SM4500CI-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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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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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, SM4500CI-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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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 - 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, SM4500CI-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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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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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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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, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 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, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 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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*=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: 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



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 - 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, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 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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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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Celey D. Keene

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

BILL TO

ANALYSIS REQUEST

Company Name: Ensolum LLC
 Project Manager: Beau Jennings
 Address: 601 Merriemfield # 400
 City: Midland State: Tx Zip:
 Phone # 4322303344 Fax #:
 Project #: 03B1417137 Project Owner:
 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
 Lab I.D. H91047

| Sample I.D. | Depth (in Inches) | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | | DATE | TIME | TPH 8015 | BTEX 8021b | Chloride 4500 |
|-------------|-------------------|-------------------|--------------|-------------|------------|------|-----|--------|-------------------|------|------|----------|------------|---------------|
| | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: ACID/BASE: | | | | | |
| 1 FS-91 | 18 | C 1 | X | X | | | | | 2-24-24 | 1033 | X | X | X | |
| 2 FS-92 | 18 | C 1 | X | X | | | | | 2-24-24 | 1032 | X | X | X | |
| 3 FS-93 | 18 | C 1 | X | X | | | | | 2-24-24 | 1103 | X | X | X | |
| 4 FS-94 | 18 | C 1 | X | X | | | | | 2-24-24 | 1101 | X | X | X | |
| 5 FS-95 | 18 | C 1 | X | X | | | | | 2-24-24 | 1102 | X | X | X | |
| 6 FS-96 | 18 | C 1 | X | X | | | | | 2-24-24 | 1104 | X | X | X | |
| 7 FS-97 | 18 | C 1 | X | X | | | | | 2-24-24 | 1125 | X | X | X | |
| 8 FS-98 | 18 | C 1 | X | X | | | | | 2-24-24 | 1120 | X | X | X | |
| 9 FS-99 | 18 | C 1 | X | X | | | | | 2-24-24 | 1109 | X | X | X | |
| 10 FS-100 | 18 | C 1 | X | X | | | | | 2-29-24 | 1128 | X | X | X | |

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Relinquished By: [Signature] Date: 3-1-24 Received By: [Signature] Date: 15:30
 Verbal Result: Yes No Add'l Phone #:
 All Results are emailed. Please provide Email address:
 REMARKS:
 Turnaround Time: Standard (specify only) Sample Condition
 Rush Cool Inlet Observed Temp. °C
 Thermometer ID: #112 1014
 Correction Factor: 0.00°C 3-1-24
 Add'l Phone #:
 Yes No Yes
 Connected Temp. °C
 No No

FORM-006 R 3.2 10/07/21 Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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: Beau 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
Lab I.D.: H241047

State: Tx
City: _____
Address: _____
State: _____
City: _____
Address: _____
State: _____
City: _____
Address: _____

Matrix: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER: ACID/BASE, CE/COOL, OTHER

| Sample I.D. | Depth (in Inches) | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | PRESERV. | SAMPLING | DATE | TIME | TPH 8015 | BTEX 8021b | Chloride 4500 |
|-------------|-------------------|-------------------|--------------|--------|----------|----------|---------|-------|----------|------------|---------------|
| 11 FS-101 | 18 | C | 1 | X | | | 2-25-24 | 11:27 | X | X | X |
| 12 FS-102 | 18 | C | 1 | X | | | 2-25-24 | 11:06 | X | X | X |
| 13 FS-103 | 18 | C | 1 | X | | | 2-25-24 | 11:26 | X | X | X |
| 14 FS-104 | 18 | C | 1 | X | | | 2-25-24 | 11:25 | X | X | X |
| 15 FS-105 | 18 | C | 1 | X | | | 2-25-24 | 11:07 | X | X | X |
| 16 FS-106 | 18 | C | 1 | X | | | 2-25-24 | 11:24 | X | X | X |
| 17 FS-107 | 18 | C | 1 | X | | | 2-25-24 | 11:08 | X | X | X |
| 18 FS-108 | 18 | C | 1 | X | | | 2-25-24 | 11:05 | X | X | X |
| 19 FS-109 | 18 | C | 1 | X | | | 2-25-24 | 11:23 | X | X | X |
| 20 FS-110 | 18 | C | 1 | X | | | 2-25-24 | 11:10 | X | X | X |

Relinquished By: [Signature] **Date:** 3-1-24 **Received By:** [Signature] **Date:** 3-1-24

Delivered By: UPS - Bus - Other: #140 **Observed Temp, °C:** 3.10c **Corrected Temp, °C:** #140

Thermometer ID: #140 **Correction Factor:** 3.1-24

Remarks: All Results are emailed. Please provide Email address: _____

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Ensolium LLC
 Project Manager: Beau Jennings
 Address: 601 Merientfield # 400
 City: Midland State: Tx Zip:
 Phone # 4322303344 Fax #:
 Project # 03B1417137 Project Owner:
 Project Name: Nimitz MDP-13 1 Fed Com #171H State: Zip:
 Project Location: Eddy Co NM Phone #:
 Sampler Name: Shane Diller Fax #:
 Lab I.D. H241047

| Sample I.D. | Depth (in Inches) | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | | DATE | TIME | TPH 8015 | BTEX 8021b | Chloride 4500 |
|-------------|-------------------|-------------------|--------------|-------------|------------|------|-----|--------|--------------------|---------|------|----------|------------|---------------|
| | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : ACID/BASE: | | | | | |
| 01 FS-111 | 1.8 | C 1 | 1 | X | X | X | X | X | X | 2-25-24 | 1111 | X | X | X |
| 02 FS-112 | 1.8 | C 1 | 1 | X | X | X | X | X | X | 2-29-24 | 1122 | X | X | X |
| 03 FS-113 | 1.8 | C 1 | 1 | X | X | X | X | X | X | 2-25-24 | 1112 | X | X | X |
| 04 FS-114 | 1.8 | C 1 | 1 | X | X | X | X | X | X | 2-25-24 | 1114 | X | X | X |
| 05 FS-115 | 1.8 | C 1 | 1 | X | X | X | X | X | X | 2-25-24 | 1121 | X | X | X |
| 06 FS-116 | 1.8 | C 1 | 1 | X | X | X | X | X | X | 2-25-24 | 1113 | X | X | X |
| 07 FS-117 | 1.8 | C 1 | 1 | X | X | X | X | X | X | 2-25-24 | 1118 | X | X | X |
| 08 FS-118 | 1.8 | C 1 | 1 | X | X | X | X | X | X | 2-25-24 | 1114 | X | X | X |
| 09 FS-119 | 1.8 | C 1 | 1 | X | X | X | X | X | X | 2-25-24 | 1117 | X | X | X |
| 30 FS-120 | 1.8 | C 1 | 1 | X | X | X | X | X | X | 2-25-24 | 1115 | X | X | X |

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Relinquished By: [Signature] Date: 3-1-24 Received By: [Signature] Date: 3-1-24
 Time: 15:30
 Delivered By: (Circle One) UPS - Bus - Other: #140
 Observed Temp, °C: 31.02 Corrected Temp, °C: #140
 Sample Condition: Cool Moist Yes No
 CHECKED BY: [Signature] (Initials) OK
 Tareweight Time: Standard Section (only) Sample Condition
 Thermometer ID: #11104 Correction Factor: 4.5°C
 Verbal Result: Yes No Add'l Phone #:
 All Results are emailed. Please provide Email address:
 REMARKS:
 † Cardinal cannot accept verbal changes. Please email changes to caley.keene@cardinalabnm.com



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | | | |
|---|--|------------------|--|-----------------|--|------------------|--|
| Company Name: Ensolium LLC | | P.O. #: | | BILL TO | | ANALYSIS REQUEST | |
| Project Manager: Beaux Jennings | | Company: | | TPH 8015 | | BTEX 8021b | |
| Address: 601 Merfield # 400 | | Attn: | | Chloride 4500 | | | |
| City: Midland | | State: Tx | | Zip: | | | |
| Phone # 4322303344 | | Fax #: | | Address: | | | |
| Project #: 03B1417137 | | Project Owner: | | City: | | | |
| Project Name: Nimitz MDP 13 1 Fed Com #171H | | State: | | Zip: | | | |
| Project Location: Eddy Co NM | | Phone #: | | Fax #: | | | |
| Sampler Name: Shane Diller | | FOR LAB USE ONLY | | LABORATORY ONLY | | | |
| Lab I.D. H241047 | | Sample I.D. | | Date | | Time | |
| 41 FS-131 | | 18 | | 2-25-24 | | 12:35 | |
| 42 FS-132 | | 18 | | 2-25-24 | | 12:36 | |
| 43 FS-133 | | 18 | | 2-25-24 | | 11:48 | |
| 44 FS-134 | | 18 | | 2-25-24 | | 11:50 | |
| 45 FS-135 | | 18 | | 2-25-24 | | 11:49 | |
| 46 FS-136 | | 18 | | 2-25-24 | | 12:48 | |
| 47 FS-137 | | 18 | | 2-25-24 | | 12:50 | |
| 48 FS-138 | | 18 | | 2-25-24 | | 12:54 | |
| 49 FS-139 | | 18 | | 2-25-24 | | 11:51 | |
| 50 FS-140 | | 18 | | 2-25-24 | | 12:49 | |

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Relinquished By: *[Signature]* Date: 3-1-24 Time: 15:30 Received By: *[Signature]* Date: 3-1-24 Time: 10:45

Delivered By: (Circle One) UPS - Bus - Other: #140 Observed Temp. °C: 3.1 Corrected Temp. °C: #140

Sample Condition: Cool Intact No Yes No No

Checked By: (Initials) *[Signature]* Turnaround Time: Standard Rapid Observed Temp. °C: 3.1-24

Thermometer ID: *[Signature]* Correction Factor: *[Signature]* Yes No Yes No No Corrected Temp. °C

Verbal Result: Yes No Add'l Phone #: All Results are emailed. Please provide Email address: REMARKS:

FORM-006 R 3.2 10/07/21 † Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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: Beau Jennings | | P.O. #: | | TPH 8015 | |
| Address: 601 Meritfield # 400 | | Company: | | BTEX 8021b | |
| City: Midland | | Attn: | | Chloride 4500 | |
| Phone # 4322303344 | | Address: | | | |
| 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 | | Sample I.D. Depth (5. Inches) | | | |
| | | (G)RAB OR (C)OMP. | | | |
| | | # CONTAINERS | | | |
| | | GROUNDWATER | | | |
| | | WASTEWATER | | | |
| | | SOIL | | | |
| | | OIL | | | |
| | | SLUDGE | | | |
| | | OTHER : ACID/BASE: | | | |
| | | CEY/COOL | | | |
| | | OTHER : | | | |
| | | DATE | | TIME | |
| 41 FS-141 | | 2-25-24 | | 1232 | |
| 52 FS-142 | | 2-25-24 | | 1152 | |
| 53 FS-143 | | 2-25-24 | | 1155 | |
| 54 FS-144 | | 2-25-24 | | 1250 | |
| 55 FS-145 | | 2-25-24 | | 1257 | |
| 56 FS-146 | | 2-25-24 | | 1258 | |
| 57 FS-147 | | 2-24-24 | | 1224 | |
| 58 FS-148 | | 2-25-24 | | 1152 | |
| 59 FS-149 | | 2-25-24 | | 1158 | |
| 60 FS-150 | | 2-25-24 | | 1256 | |

PLEASE NOTE: Labeled and checked samples for any claim using either based in content or not, shall be limited to the amount and to the extent 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: <i>[Signature]</i> | Date: 3-1-24 | Received By: <i>[Signature]</i> | Date: 3-1-24 |
| Relinquished By: | Date: | Received By: | Date: |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | Observed Temp. °C Corrected Temp. °C | Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | CHECKED BY: (Initials) |
| Thermometer ID: <i>4438-04</i> | Thermometer Correction Factor: <i>0.00</i> | Standard <input checked="" type="checkbox"/> (only) Sample Condition | Thermometer ID: <i>4438-04</i> |
| Correction Factor: <i>0.00</i> | Observed Temp. °C | Rough <input type="checkbox"/> Cool Intact <input checked="" type="checkbox"/> | Correction Factor: <i>0.00</i> |
| Yes <input type="checkbox"/> | Yes <input type="checkbox"/> | Corrected Temp. °C | Yes <input type="checkbox"/> |
| No <input type="checkbox"/> | No <input type="checkbox"/> | Corrected Temp. °C | No <input type="checkbox"/> |

FORM-006 R.3.2 1/07/21

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum LLC
Project Manager: Beau Jennings
Address: 601 Merientfield # 400
City: Midland
Phone #: 4322303344
Project #: 03B1417137
Project Name: Nimitz MDP-13 + Fed Com #171H
Project Location: Eddy Co NM
Sampler Name: Shane Diller
Lab I.D.: H241047

State: TX
City: Midland
Address: 601 Merientfield # 400
Phone #: 4322303344
Project Owner:

Matrix: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER: ACID/BASE, CE/COOL, OTHER

| Sample I.D. | Depth (in inches) | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | DATE | TIME | TPH 8015 | BTEX 8021b | Chloride 4500 |
|-------------|-------------------|-------------------|--------------|-------------|------------|------|---------|------|------|----------|------------|---------------|
| | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | | | | | |
| 61 FS-151 | 1.8 | C 1 | X | X | | | 2-24-24 | 1227 | X | X | X | |
| 62 FS-152 | 1.8 | C 1 | X | X | | | 2-24-24 | 1153 | X | X | X | |
| 63 FS-153 | 1.8 | C 1 | X | X | | | 2-24-24 | 1157 | X | X | X | |
| 64 FS-154 | 1.8 | C 1 | X | X | | | 2-24-24 | 1255 | X | X | X | |
| 65 FS-155 | 1.8 | C 1 | X | X | | | 2-24-24 | 1225 | X | X | X | |
| 66 FS-156 | 1.8 | C 1 | X | X | | | 2-24-24 | 1156 | X | X | X | |
| 67 FS-157 | 1.8 | C 1 | X | X | | | 2-24-24 | 1253 | X | X | X | |
| 68 FS-158 | 1.8 | C 1 | X | X | | | 2-24-24 | 1223 | X | X | X | |
| 69 FS-159 | 1.8 | C 1 | X | X | | | 2-24-24 | 1154 | X | X | X | |
| 70 FS-160 | 1.8 | C 1 | X | X | | | 2-24-24 | 1155 | X | X | X | |

Relinquished By: [Signature] **Date:** 3-18-24 **Received By:** [Signature] **Date:** 5-30-24

Delivered By: UPS - Bus - Other: #140 **Observed Temp, °C:** 31.02 **Corrected Temp, °C:** 31.02

Sample Condition: Cool Intact No No

Checked By: [Signature] **Thermometer ID:** #13 TDA **Correction Factor:** -0.02 **Standard:** **Observed Temp, °C:** 31.02 **Corrected Temp, °C:** 31.02

FORM-006 R 3.2 1/06/21



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: | | TPH 8015 | | | |
| Address: 601 Merientfield # 400 | | Attn: | | BTEX 8021b | | | |
| City: Midland | | State: Tx | | Zip: 4500 | | | |
| Phone # 4322303344 | | Fax #: | | | | | |
| Project # 03B1417137 | | Project Owner: | | | | | |
| Project Name: Nimitz MDP13 1 Fed Com #171H | | State: | | Zip: | | | |
| Project Location: Eddy Co NM | | Phone #: | | | | | |
| Sampler Name: Shane Diller | | Fax #: | | | | | |
| 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 | | 18 | | 2-25-24 | | 12:51 | |
| FS-162 | | 18 | | 2-25-24 | | 12:54 | |
| FS-163 | | 18 | | 2-25-24 | | 12:21 | |
| FS-164 | | 18 | | 2-25-24 | | 12:58 | |
| FS-165 | | 18 | | 2-25-24 | | 12:20 | |
| FS-166 | | 18 | | 2-25-24 | | 12:19 | |
| FS-167 | | 18 | | 2-25-24 | | 12:02 | |
| FS-168 | | 18 | | 2-25-24 | | 12:15 | |
| FS-169 | | 18 | | 2-25-24 | | 12:17 | |
| FS-170 | | 18 | | 2-25-24 | | 9:15 | |

REMARKS: Verbal Result: Yes No Add'l Phone #:

All Results are emailed. Please provide Email address:

REMARKS:

Relinquished By: [Signature] Date: 3-1-24 Time: 10:30 Received By: [Signature] Date: 3-1-24 Time: 10:30

Delivered By: (Circle One) Sampler - UPS - Bus - Other: Observed Temp. °C: 3.10 Corrected Temp. °C: 3.10 Sample Condition: Cool Intact Thermometer ID: 4448 Correction Factor: 0.63°C

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

BILL TO

ANALYSIS REQUEST

Project Manager: Kelly Lowery
 Address: 601 N. Marland St. STE 400
 City: Midland State: TX Zip: 79701
 Phone #: 214-733-3165 Email: klowery@ensolum.com
 Project #: 03B1417137 Project Owner:
 Project Name: Nimitz MDP 13 1 FED COM #171H State: Zip:
 Project Location: Eddy Co. NM
 Sampler Name: Shane Diller
 P.O. #: Company:
 Attn: Address:
 City: Phone #: Zip:
 Email:

| Sample I.D. | Sample Depth (feet) | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | | DATE | TIME | TPH 801 | BTEX 8021b | Chlorides 4500 |
|-------------|---------------------|-------------------|--------------|-------------|------------|------|-----|--------|----------------------------------|------|------|------------|------------|----------------|
| | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : ACID/BASE: OTHER : | | | | | |
| 41 | 0.25 | G | | | | | | | 2/29/2024 | 1438 | X | X | X | |
| 42 | 0.25 | G | | | | | | | 2/29/2024 | 1440 | X | X | X | |
| 43 | 0.25 | G | | | | | | | 2/29/2024 | 1442 | X | X | X | |
| 44 | 0.25 | G | | | | | | | 2/29/2024 | 1444 | X | X | X | |
| 45 | 0.25 | G | | | | | | | 2/29/2024 | 1446 | X | X | X | |
| 46 | 0.25 | G | | | | | | | 2/29/2024 | 1448 | X | X | X | |
| 47 | 0.25 | G | | | | | | | 2/29/2024 | 1450 | X | X | X | |
| 48 | 0.25 | G | | | | | | | 2/29/2024 | 1452 | X | X | X | |
| 49 | 0.25 | G | | | | | | | 2/29/2024 | 1454 | X | X | X | |

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Relinquished By: [Signature] Date: 3-1-24 Time: 15:30
 Received By: [Signature] Date: 3-1-24 Time: 15:30
 Delivered By: (Circle One) UPS - Bus - Other: [Handwritten] Sample Condition: [Handwritten] Checked By: [Handwritten]
 Turnaround Time: Standard [X] Rush [] Bacteria (only) Sample Condition: Standard [X] Cool Inlet []
 Thermometer ID: #119 [Handwritten] Correction Factor: -0.5 [Handwritten]
 Verbal Results: [] Yes [] No Add'l Phone #: [] Yes [] No
 All Results are emailed. Please provide Email address: klowery@ensolum.com / Bjenning@ensolum.com

FORM-006 R 3.2 10/07/21

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Ensolum, LLC
 101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

BILL TO

ANALYSIS REQUEST

Project Manager: Kelly Lowery
 Address: 601 N. Marland St. STE 400
 City: Midland State: TX Zip: 79701
 Phone #: 214-733-3165 Email: klowery@ensolum.com
 Project #: 03B1417137 Project Owner:
 Project Name: Nimitz MDP 13 1 FED COM #171H State: Zip:
 Project Location: Eddy Co. NM Phone #:
 Sampler Name: Shane Dilller Email:

P.O. #:
 Company:
 Attn:
 Address:
 City:
 State: Zip:
 Phone #:
 Email:

| Sample I.D. | Sample Depth (feet) | (G)RAB OR (C)OMP. | MATRIX | | | | | | | DATE | TIME | TPH | BTX 8021b | Chlorides 4500 |
|-------------|---------------------|-------------------|-------------|------------|------|-----|--------|--------------------|----------|------|------|-----|-----------|----------------|
| | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : ACID/BASE: | ICE/COOL | | | | | |
| 90 | SW-1 | 1.5 | C | X | | | | | | | | | | |
| 91 | SW-2 | 1.5 | C | X | | | | | | | | | | |
| 92 | SW-3 | 1.5 | C | X | | | | | | | | | | |
| 93 | SW-4 | 1.5 | C | X | | | | | | | | | | |
| 94 | SW-5 | 1.5 | C | X | | | | | | | | | | |
| 95 | SW-6 | 1.5 | C | X | | | | | | | | | | |
| 96 | SW-7 | 1.5 | C | X | | | | | | | | | | |
| 97 | SW-8 | 1.5 | C | X | | | | | | | | | | |
| 98 | SW-9 | 1.5 | C | X | | | | | | | | | | |
| 99 | DS-1 | 0.25 | G | X | | | | | | | | | | |

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 In no event shall Cardinal be liable for incidental or consequential damages, including any loss of profits, loss of data, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services provided by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: [Signature]
 Date: 8-1-04
 Time: 15:30
 Received By: [Signature]
 Date: [Blank]
 Time: [Blank]

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: #140
 Observed Temp. °C: 31.02
 Corrected Temp. °C: [Blank]
 Sample Condition: Intact No No

Checked By: [Signature] (Initials)
 Turnaround Time: Rush Standard Bacteria (only) Sample Condition
 Thermometer ID: #173
 Correction Factor: 3.1-04
 Observed Temp. °C: [Blank]
 Corrected Temp. °C: [Blank]

Verbal Result: Yes No
 All Results are emailed. Please provide Email address: klowery@ensolum.com / blennings@ensolum.com
 REMARKS: Paykey/AFENonAFE
 Add'l Phone #: [Blank]

FORM-006 R 3.2 10/07/21

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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.

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 - 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, SM4500CI-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

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
 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 - 49 2' (H241805-03)

| Chloride, SM4500CI-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 | | | | | |
| <i>Surrogate: 1-Chlorooctane</i> | <i>77.5 %</i> | <i>48.2-134</i> | | | | | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | <i>101 %</i> | <i>49.1-148</i> | | | | | | | |

Sample ID: FS - 51 2' (H241805-04)

| Chloride, SM4500CI-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 | | | | | |
| <i>Surrogate: 1-Chlorooctane</i> | <i>86.4 %</i> | <i>48.2-134</i> | | | | | | | |
| <i>Surrogate: 1-Chlorooctadecane</i> | <i>119 %</i> | <i>49.1-148</i> | | | | | | | |

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
 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 - 53 2' (H241805-05)

| Chloride, SM4500CI-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



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 - 58 2' (H241805-07)

| Chloride, SM4500CI-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, SM4500CI-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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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, SM4500CI-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, SM4500CI-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, SM4500CI-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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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 - 70 2' (H241805-12)

| Chloride, SM4500CI-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, SM4500CI-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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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 - 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 | | | | | |
| <hr/> | | | | | | | | | |
| Surrogate: 1-Chlorooctane | 86.8 % | 48.2-134 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 89.7 % | 49.1-148 | | | | | | | |

Sample ID: FS - 87 3' (H241805-16)

| Chloride, SM4500CI-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 | |
| <hr/> | | | | | | | | | |
| 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 | | | | | |
| <hr/> | | | | | | | | | |
| Surrogate: 1-Chlorooctane | 82.0 % | 48.2-134 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 87.4 % | 49.1-148 | | | | | | | |

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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 - 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 | | | | | |
| <hr/> | | | | | | | | | |
| 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 | |
| <hr/> | | | | | | | | | |
| 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 | | | | | |
| <hr/> | | | | | | | | | |
| Surrogate: 1-Chlorooctane | 84.1 % | 48.2-134 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 108 % | 49.1-148 | | | | | | | |

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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 - 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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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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Celey D. Keene

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: Kelly Lowery
Address: 601 N. Marland St. STE 400
City: Midland State: TX Zip: 79701
Phone #: 214-733-3165
Project #: 0381417137
Project Name: NIMITZ MDP1 13 1 Federal Com. #1771H
Project Location: 32.213031, -103.840494
Sampler Name: Kaoru Shimada

P.O. #:
Company: OXY USA
Attn: Wade Dittich
Address:
City:
State:
Zip:
Phone #:
Email:

| Lab I.D. | Sample I.D. | Sample Depth (feet) | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | | | PRESERV. | SAMPLING DATE | DATE | TIME | BTEX 8015M | TPH 8021B | Chloride 4500 |
|----------|-------------|---------------------|-------------------|--------------|-------------|------------|------|-----|--------|--------------------|----------|----------|---------------|---------|------|------------|-----------|---------------|
| | | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : ACID/BASE: | ICE/COOL | | | | | | | |
| H241805 | K-18 | 1.5 | ✓ | 1 | | | | | | | | | 10/27 | 4:58 PM | X | X | X | |
| | K-45 | 2 | ✓ | 1 | | | | | | | | | 10/28 | 7 | X | X | X | |
| | K-49 | 2 | ✓ | 1 | | | | | | | | | 10/28 | 7 | X | X | X | |
| | K-51 | 2 | ✓ | 1 | | | | | | | | | 10/29 | 7 | X | X | X | |
| | K-53 | 2 | ✓ | 1 | | | | | | | | | 10/29 | 7 | X | X | X | |
| | K-58 | 2 | ✓ | 1 | | | | | | | | | 11/26 | 7 | X | X | X | |
| | K-62 | 2 | ✓ | 1 | | | | | | | | | 11/27 | 7 | X | X | X | |
| | K-63 | 2 | ✓ | 1 | | | | | | | | | 10/31 | 4:18 PM | X | X | X | |
| | K-65 | 2 | ✓ | 1 | | | | | | | | | 10/31 | 4:18 PM | X | X | X | |

PLEASE NOTE: Labels for Containers, Containers' labels and debris' inclusion removed for any claim using whether based in contract or tort, shall be removed to the amount paid by the client for the analysis.

Relinquished By: [Signature] Date: 4/18/24 Received By: [Signature] Date: 13:47

Delivered By: (Circle One) Sampler - UPS - Bus - Other: #140
Observed Temp. °C: 19.9
Corrected Temp. °C: #140
Sample Condition: Cool Intact
Checked By: [Signature]
Thermometer ID: #113
Correction Factor: -0.8°C
Prepared Time: Standard [X] Bacteria (only) Sample Condition: []
Cool Inlet: [] Observed Temp. °C: []
Thermometer ID: #113
Correction Factor: -0.8°C
Prepared Time: Standard [X] Bacteria (only) Sample Condition: []
Cool Inlet: [] Observed Temp. °C: []

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



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".

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 - 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 | | | | | |
| <hr/> | | | | | | | | | |
| 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 | | | | | |
| <hr/> | | | | | | | | | |
| 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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*=Accredited Analyte

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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 #1711 | 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, SM4500CI-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, SM4500CI-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, 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 | 05/13/2024 | ND | 432 | 108 | 400 | 0.00 | |

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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 #1711 | 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, SM4500CI-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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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 #1711 | 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, SM4500CI-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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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 #1711 | 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, SM4500CI-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

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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 #1711 | 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, 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 | 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

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

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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

BILL TO

ANALYSIS REQUEST

| | |
|---|------------------------------------|
| Company Name: Ensolum, LLC | P.O. #: |
| Project Manager: Beaux Jennings | Company: Oxy USA, Inc. |
| Address: 601 N. Marlenfeld St. STE 400 | Attn: Wade Dittrich |
| City: Midland | Address: |
| Phone #: 210-219-8858 | State: TX Zip: 79701 |
| Project #: 03B1417137 | Project Owner: |
| Project Name: Almitz MPR113 Federal com # 1714 | City: |
| Project Location: Eddy County | State: Zip: |
| Sampler Name: Tabitha Guaden | Phone #: 575-390-2828 |
| FOR LAB USE ONLY | Fax #: |

| Lab I.D. | Sample I.D. | Sample Depth (feet) Inches | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | | | DATE | TIME | TPH | Chlorides | BTEX |
|----------|-------------|----------------------------|-------------------|--------------|-------------|------------|------|-----|--------|---------|------------|------|------|-----|-----------|------|
| | | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | | | | | |
| 1 | FS-18 | 48" | C 1 | 1 | | | | | | | 5/9/24 | 1040 | X | | | |
| 2 | FS-49 | 48" | C 1 | 1 | X | | | | | | 5/9/24 | 1050 | X | | | |
| 3 | FS-87 | 48" | C 1 | 1 | X | | | | | | 5/9/24 | 1052 | X | | | |
| 4 | FS-99 | 48" | C 1 | 1 | X | | | | | | 5/9/24 | 1054 | X | | | |
| 5 | FS-92 | 48" | C 1 | 1 | X | | | | | | 5/9/24 | 1056 | X | | | |
| 6 | SW-18 | 0-48" | C 1 | 1 | X | | | | | | 5/9/24 | 1058 | X | | | |
| 7 | SW-49 | 0-48" | C 1 | 1 | X | | | | | | 5/9/24 | 1100 | X | | | |
| 8 | SW-87 | 0-48" | C 1 | 1 | X | | | | | | 5/9/24 | 1102 | X | | | |
| 9 | SW-99 | 0-48" | C 1 | 1 | X | | | | | | 5/9/24 | 1104 | X | | | |
| 10 | SW-92 | 0-48" | C 1 | 1 | X | | | | | | 5/9/24 | 1106 | X | | | |

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Relinquished By: [Signature] **Date:** 5/10/24

Received By: [Signature] **Date:** 7/29/25

Relinquished By: [Signature] **Date:** []

Received By: [Signature] **Date:** []

Delivered By: (Circle One) **Observed Temp. °C:** 1.6

Sampler - UPS - Bus - Other: **Corrected Temp. °C:** []

Sample Condition: Cool Intact Yes No Yes No

CHECKED BY: [Signature] (Initials)

Turnaround Time: Standard Rush Bacteria (only) Sample Condition Observed Temp. °C Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@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 style with a large, flowing "C" at the beginning.

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 #1711 | 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)

| 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) 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 #1711 | 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

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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: | 08/27/2024 | Sampling Date: | 08/27/2024 |
| Reported: | 09/03/2024 | Sampling Type: | Soil |
| Project Name: | NIMITZ MDP1 13 1 FEDERAL COM #1711 | 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, SM4500CI-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



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

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

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 N. Marlandfield St. STE 400

Company: OXY USA

City: Midland State: TX Zip: 79701

Attn: Wade Dittrich

Phone #: (210)219-8858

Email: bjennings@ensolum.com

Project #: 038191137

Project Owner: Federal Com.

Project Name: NITRO PRR 137

City: Federal Com.

Project Location: NITRO PRR 137

State: Zip:

Sampler Name: Kaoru Shimada

Phone #:

Email: KShimada

FOR LAB USE ONLY

MATRIX

PRESERV.

SAMPLING

| Lab I.D. | Sample I.D. | Sample Depth (feet) | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | DATE | TIME | BTEX 8021B | TPH 8015M | Chloride 4500 | Hold |
|----------|-------------|---------------------|-------------------|--------------|-------------|------------|------|-----|--------|---------|------|------------|-----------|---------------|------|
| | | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | | | | | | |
| H45330 | SW-1 | 1.5 | X | 1 | X | | | | | 6-27-24 | 1205 | X | X | X | |
| | SW-3 | 1.5 | X | 1 | X | | | | | 6-27-24 | 1208 | X | X | X | |
| | SW-9 | 1.5 | X | 1 | X | | | | | 6-27-24 | 1223 | X | X | X | |

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Relinquished By: *Loann Shimada*

Date: *6-27-24*

Received By: *AD*

Verbal Result: Yes No

Add'l Phone #:

Relinquished By: *Loann Shimada*

Date: *6-27-24*

Received By: *AD*

REMARKS: Paykey/AFE/NonAFE:

All Results are emailed. Please provide Email address: *bjennings@ensolum.com, kowery@ensolum.com*

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

Observed Temp. °C: *12°C*
Corrected Temp. °C: *0.6°C*

Sample Condition:
Cool Intact
No Yes

CHECKED BY: *AD* (Initials)

Thermometer ID: *#14D*
Correction Factor: *-0.6°C*

Standard Beaker (only) Sample Condition:
No Yes
Corrected Temp. °C: *0.6°C*

FORM-006 R.3.2 10/07/21

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



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".

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 #1711 | 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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
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 | |
| <i>Please answer all the questions in this group.</i> | |
| Site Name | NIMITZ MDP1 13 1 Federal Com. #171H |
| Date Release Discovered | 12/26/2023 |
| Surface Owner | Federal |

| | |
|--|----------|
| Incident Details | |
| <i>Please answer all the questions in this group.</i> | |
| 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 | |
| <i>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.</i> | |
| 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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**State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
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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. |
| <i>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.</i> | |

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 | <i>Not answered.</i> |

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

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.

| | |
|--|--------------------------------|
| 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 1/2 and 1 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) |
| A wetland | Between 1/2 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

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.

| | |
|--|-----|
| 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 |

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.

| | |
|---|------------|
| 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 |

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.

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.

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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)

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.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

| | |
|---|------------------------------------|
| (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. |

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 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 |
|--|---|

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.

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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 | |
| <i>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.</i> | |
| Requesting a deferral of the remediation closure due date with the approval of this submission | No |

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QUESTIONS, Page 6

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 |

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 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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QUESTIONS, Page 7

Action 489415

QUESTIONS (continued)

| | |
|--|---|
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QUESTIONS

| | |
|--|----|
| Reclamation Report | |
| <i>Only answer the questions in this group if all reclamation steps have been completed.</i> | |
| 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 |
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| | 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 |