

CLOSURE REPORT

Property:

Trunk C Discharge

Unit C, S30, T24S, R30E 32.194082° N, 103.923084° W Eddy County, New Mexico NMOCD Incident ID: nAPP2333431605

June 20, 2024 Ensolum Project No. 03B1226321

Prepared for:

Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210

Attn: Robert Dunaway

Prepared by:

David McInnis Project Geologist

Heather Holthaus Senior Project Manager

8/a. M.1.



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CLOSURE REPORT

Trunk C Discharge

Unit C, S30, T24S, R30E 32.149012° N, 103.881141° W Eddy County, New Mexico NMOCD Incident ID: nAPP2333431605

Ensolum Project No. 03B1226321

1.0 INTRODUCTION

1.1 Site Description & Background

Operator:	Enterprise Field Services, LLC (Enterprise)
Site Name:	Trunk C Discharge
Location:	Unit C, Section 30, Township 24 South, Range 30 East 32.194082° N, 103.923084° W Eddy County, New Mexico
Property:	Bureau of Land Management (BLM)
Regulatory:	New Mexico Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)

On November 30, 2023, a pinhole leak was discovered by a third party on Enterprise's Trunk C (WMH – V4E) Trunk pipeline, with no liquids observed on the ground surface. Repair activities immediately began, at which time Enterprise determined the release to be reportable per New Mexico EMNRD OCD regulations based on the volume of impacted subsurface soils. Enterprise reported the release to the New Mexico EMNRD OCD via email on November 30, 2023, followed up with a report through the online notice of release (NOR), and was subsequently assigned Incident Number nAPP2333431605. During the release, approximately 5 barrels (bbls) of condensate was released into the subsurface, with 0 bbls recovered.

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 soils to below the applicable New Mexico EMNRD OCD closure criteria concentrations.

2.0 CLOSURE CRITERIA

The Site is subject to regulatory oversight by the New Mexico EMNRD OCD. In order to address activities related to exempt oil and gas releases, the New Mexico EMNRD OCD references 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 Enterprise, the general site characteristics, and information available from the New Mexico Office of the State Engineer (OSE) and the New Mexico EMNRD OCD Imaging database to determine the appropriate closure criteria for the Site. The gas portion of this release constitutes venting that occurred during an emergency or a malfunction, as authorized by the New Mexico OCD regulations at



NMAC 19.15.28.8.A and B(1). This release therefore is not prohibited by NMAC 19.15.29.8.A. Supporting documentation and figures associated with the following bullets are provided in **Appendix B**.

- Four exploratory water wells records were identified within a 0.5-mile radius of the Site on the OSE Water Rights Reporting System (WRRS) database. These water wells are indicated to be permitted locations with no known well records. The closest well (C-02109),located approximately 0.7-miles northeast of the Site, was reportedly installed for livestock watering in 1963 with a recorded depth to groundwater of 150 feet bgs.
- 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 and USGS databases, there are no private, domestic freshwater wells used by less than five (5) households for domestic or stock water purposes identified within 500 feet of the Site.
- According to the OSE WRSS and USGS databases, 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 NMSA 1978, Section 3-27-3.
- Based on information identified on the National Wetlands Inventory surface waters and wetlands mapper, the Site is not located within 300 feet of a wetland.
- Based on information identified on the New Mexico Mining and Minerals Division's GIS, Maps and Mine Data database, the Site is not located within an area overlying a subsurface mine.
- Based on the Karst Occurrence Potential (.kmz) provided by the BLM, the Site is not located within an unstable area, also referred to as low 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 Impacted by a Release			
Minimum depth below any point within horizontal boundary of the release to groundwater less than 10,000 mg/l TDS	Constituent	Method	Limit
	Chloride	EPA 300.0 or SM4500 CI B	600 mg/kg
≤ 50 feet	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg

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Trunk C Discharge Page 3

Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg
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3.0 SOIL REMEDIATION ACTIVITIES

On November 30, 2023, a pinhole leak was discovered by a third party on Enterprise's Trunk C (WMH – V4E) Trunk pipeline, with no liquids observed on the ground surface. Approximately 5 bbls of condensate was released into the subsurface, with 0 bbls recovered. Following submittal of an emergency New Mexico One-Call (NM-811), corrective action activities were commenced by New Mexico Rentals Pipeline, LLC (NMR) utilizing a backhoe to excavate soils from the release area.

On December 11, 2023, Ensolum arrived on-Site to collect one composite soil sample from the excavation floor (FS01) and one composite soil sample from the excavation sidewall (SW01). The excavation floor soil sample was collected at a depth of 4 feet below ground surface (bgs) and the excavation sidewall soil sample was collected at a depth of 0-4 feet. Additionally, one composite soil stockpile (Stockpile) sample was collected from the excavated soil stockpile. Based on laboratory analytical data, additional excavation activities were necessary.

On January 22, 2024, subsequent to completion of additional excavation activities, Ensolum arrived on-Site to collected two composite soil samples from the excavation floor (FS01 and FS02) and four composite soil sample from the excavation sidewall (SW01, SW02, SW03 and SW04). The excavation floor samples were collected at a depth of 14 feet bgs, and the excavation sidewall samples were collected at a depth of 0-14 feet bgs. Additionally, one composite soil stockpile (Stockpile) sample was collected from the excavated soil stockpile. Based on laboratory analytical data, additional excavation activities were necessary.

On January 29, 2024, subsequent to completion of additional excavation activities, Ensolum arrived on-Site to collect one composite soil sample from the excavation floor (FS03) at a depth of 14 feet bgs, and one composite soil sample from the excavation sidewall (SW04) at a depth of 0-14 feet bgs. Based on laboratory analytical data, additional excavation activities were necessary.

Due to structural integrity issues involving the Trunk C (WMH-V4E) Trunk pipeline, only 10-foot sections could be exposed safely during the excavation process. Because of this, excavation activities were slow to progress. On February 8, 2024, Enterprise requested, and was subsequently approved, a 90-day extension by the EMNRD OCD to continue with the remediation and subsequent reporting of the Site.

On February 26, 2024, subsequent to completion of additional excavation activities, Ensolum arrived on-Site to collect one composite soil sample from the excavation floor (FS03) at a depth of 18 feet bgs, and one composite soil sample from the excavation sidewall (SW04) at a depth of 0-18 feet bgs. Based on the laboratory analytical data, this 10-foot section of the excavation was now below the applicable Closure Criteria Limits for this Site, and was subsequently backfilled so the next 10-foot section of the release extent could be excavated.

Between March 20, 2024 and March 22, 2024, additional remediation activities were halted due to high levels of benzene detected within the excavation extent and the immediately surrounding area with field screening equipment. Per Enterprise's safety protocols, a change of scope was implemented which required internal job planning and special excavation procedures. Once benzene concentrations were below the permissible limits for the workplace environment per Enterprise's internal policies, remediation activities would resume. Due to the industrial hygiene issues with benzene concentrations in the working space and the excavation extent requiring larger excavation equipment to collect samples safely, Enterprise requested, and was subsequently approved, a final 90-day extension by the EMNRD OCD to complete remediation activities and the subsequent reporting of the Site.

On April 8, 2024, NMR and Enterprise arrived on-Site to apply a microbial solution, Micro-Blaze[®], to the newly excavated section of the Trunk C (WMH-V4E) Trunk pipeline to help promote bioremediation of the

COCs in soils left in place. The safety data sheet (SDS) for the microbial solution is provided in **Appendix B**.

Between April 15 and April 29, 2024, subsequent to the completion of additional excavation activities, Ensolum arrived on-Site and collected a total of four composite soil samples from three locations on the excavation floor (FS04, FS05, and FS06) at depths ranging from 5 to 20 feet bgs, and a total of 10 composite soil samples from six locations on the excavation sidewalls (SW05 through SW10) at depths ranging from 0-20 feet bgs. Additionally, Ensolum collected a total of 10 soil samples from nine discrete delineation locations (DS01 through DS09) from around the outside of the excavation area at a depth of 0.25 feet bgs, and one composite soil stockpile (Stockpile) sample was collected from the excavated soil stockpile. Based on laboratory analytical data of the final soil samples, no additional excavation activities were necessary.

The composite soil samples were analyzed for benzene, toluene, ethylbenzene, total xylenes (BTEX), total 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 (NMOCD Closure Criteria).

The final excavation area measured approximately 47 feet long and 27 feet wide at the maximum extents, with a depth of 5 to 20 feet bgs.

A total of approximately 1,352 cubic yards of affected soils were excavated from the Site and transported to the Lea Land, LLC facility in Carlsbad, New Mexico. The excavation extent was backfilled with clean imported fill, contoured to the original surrounding grade.

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

4.0 SOIL SAMPLING PROGRAM

Ensolum's soil sampling program from December 11, 2023 through April 29, 2024 included the collection of a total of 26 composite soil samples from 16 locations in the excavation floor and sidewalls (FS01 through FS06, and SW01 through SW10), 10 delineation soil samples from nine locations outside of the excavation area (DS01 through DS09) and three composite soil stockpile sample from the excavation soil stockpile (Stockpile) staged on-Site for laboratory analysis.

The composite 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 Hall Environmental Analysis Laboratory in Albuquerque, New Mexico and/or 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 using Environmental Protection Agency (EPA) SW-846 Method 8021B, TPH GRO/DRO/MRO using EPA SW-846 Method 8015M/D, and chloride using EPA Method 300.0 or SM4500Cl-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 total benzene, total BTEX, TPH GRO/DRO/MRO, and chloride concentrations or laboratory sample detection limits (SDLs) associated with the final composite excavation soil samples

(FS01 through FS06, and SW01 through SW10), and the final delineation soil samples (DS01 through DS09) for the soils left in place at the Site, and the composite soil stockpile (Stockpile) samples to the NMOCD Closure Criteria.

- Laboratory analytical results indicate total benzene concentrations for the final composite soil samples collected from the excavation area and the final delineation soil samples do not exceed the laboratory SDLs, which are below the NMOCD Closure Criteria of 10 milligrams per kilogram (mg/kg).
- Laboratory analytical results indicate that total BTEX 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 NMOCD Closure Criteria of 50 mg/kg.
- Laboratory analytical results indicate 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 100 mg/kg for depth to groundwater ≤50 feet.
- Laboratory analytical results indicate chloride 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 NMOCD Closure Criteria of 600 mg/kg.
- Laboratory analytical results indicate combined TPH GRO/DRO/MRO concentrations for the composite soil samples collected from the stockpile staged on-Site exceeds the applicable NMOCD Closure Criteria of 100 mg/kg for depth to groundwater ≤50 feet. The soil stockpiles were transported off-Site for proper disposal.

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

7.0 RECLAMATION AND RE-VEGETATION

The release occurred off pad along the Enterprise right-of-way (ROW) 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 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 area:

- The excavation was backfilled with locally fill material and topsoil to match surrounding grade.
 Approximately 2 feet of topsoil has been placed on top of the backfill area to support vegetative growth within the disturbed area;
- Soil in the vicinity of the release include: predominately loamy sand;
- 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 Loamy Sand, 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

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- Other erosional control best management practices (BMP) as necessary to support timely and healthy regrowth of vegetation in disturbed areas;
- Backfilling of the excavation has already been completed;
- Seeding is anticipated to be completed within the next month 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 November 30, 2023, a pinhole leak was discovered by a third party on Enterprise's Trunk C (WMH – V4E) Trunk pipeline, with no liquids observed on the ground surface. Approximately 5 bbls of condensate was released into the subsurface, with 0 bbls recovered.
- Following submittal of an emergency NM-811, corrective action activities were commenced by NMR utilizing a backhoe to excavate soils from the release area.
- Between December 11, 2023 and April 29, 2024, Ensolum arrived on-Site to collect a total of 26 composite soil samples from 16 locations in the excavation floor and sidewalls (FS01 through FS06, and SW01 through SW10), 10 delineation soil samples from nine locations outside of the excavation area (DS01 through DS09) and three composite soil stockpile sample from the excavation soil stockpile (Stockpile) staged on-Site for laboratory analysis.
- The primary objective of the closure activities was to reduce COC concentrations in the on-Site soils to below the 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 47 feet long and 27 feet wide at the maximum extents, with a depth of 5 to 20 feet bgs.
- Based on the laboratory analytical results, the final composite soil samples for the soils left in place
 at the Site collected from the excavation area and the delineation samples outside of the impacted
 area did not exhibit total benzene, total BTEX, TPH GRO/DRO/MRO or chloride concentrations
 above the applicable NMOCD Closure Criteria.
- Based on the laboratory analytical results, the composite soil samples collected from the soil stockpiles staged on-Site did not exhibit benzene, total BTEX, or chloride concentrations above the applicable NMOCD Closure Criteria; however, concentrations of TPH GRO/DRO/MRO were identified above the applicable NMOCD Closure Criteria.
- Subsequent to the results of the composite soil sampling, the soil stockpiles staged on-Site were removed and taken off-Site for proper disposal. A total of approximately 1,352 cubic yards of soils were excavated and transported to the Lea Land, LLC facility in Carlsbad, New Mexico. The excavation area was backfilled with clean fill material, contoured to the original surrounding grade, and a BLM approved seed mixture will be sown into the surface area of the backfill for re-vegetation.

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

9.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE

9.1 Standard of Care

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

9.2 Limitations

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

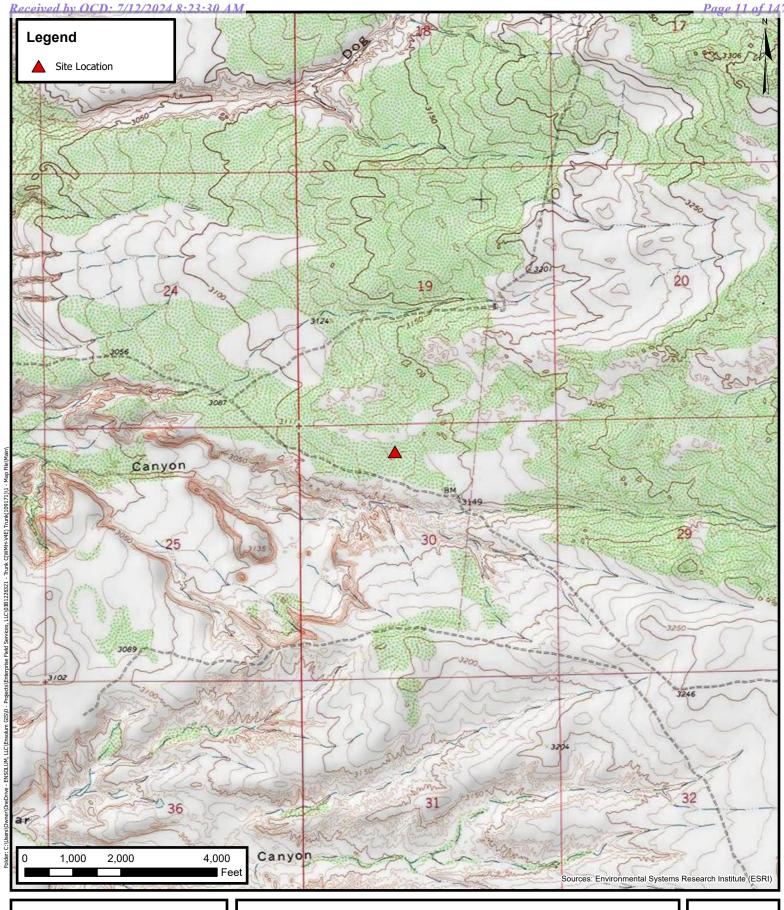
9.3 Reliance

This report has been prepared for the exclusive use of Enterprise Field Services, LLC, 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 Enterprise Field Services, LLC 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
Enterprise Field Services, LLC.
Trunk C Discharge
Project Number: 03B1226321
32.194082, -103.923084
Eddy County New Mexico Eddy County, New Mexico

FIGURE

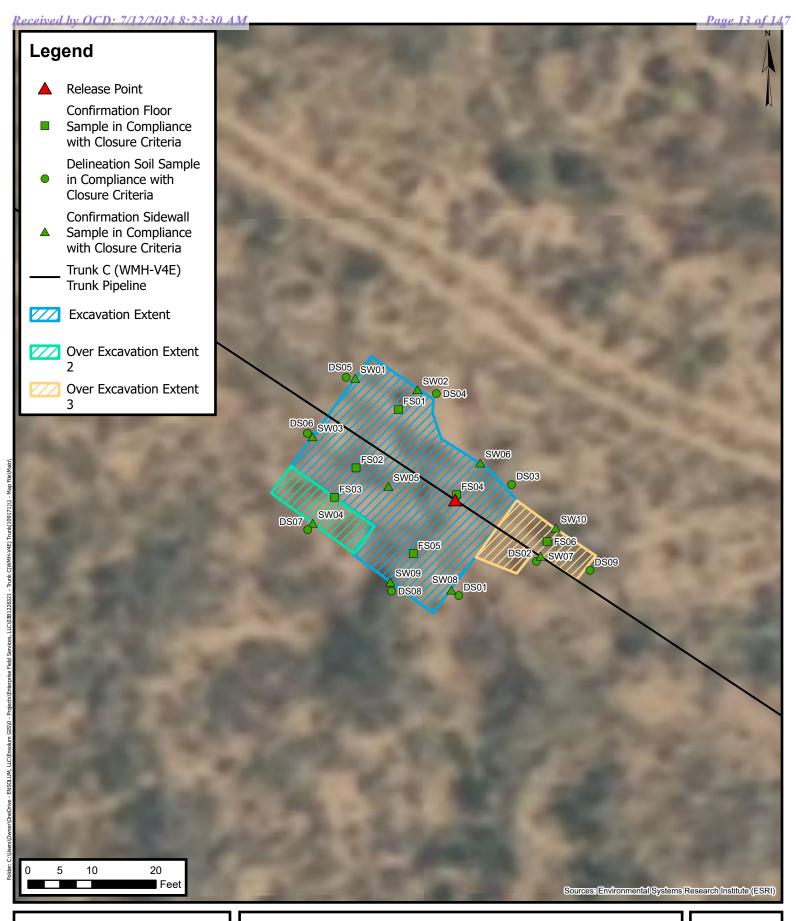
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Site Vicinity Map
Enterprise Field Services, LLC.
Trunk C Discharge
Project Number: 03B1226321
32.194082, -103.923084
Eddy County New Mexico Eddy County, New Mexico

FIGURE 2



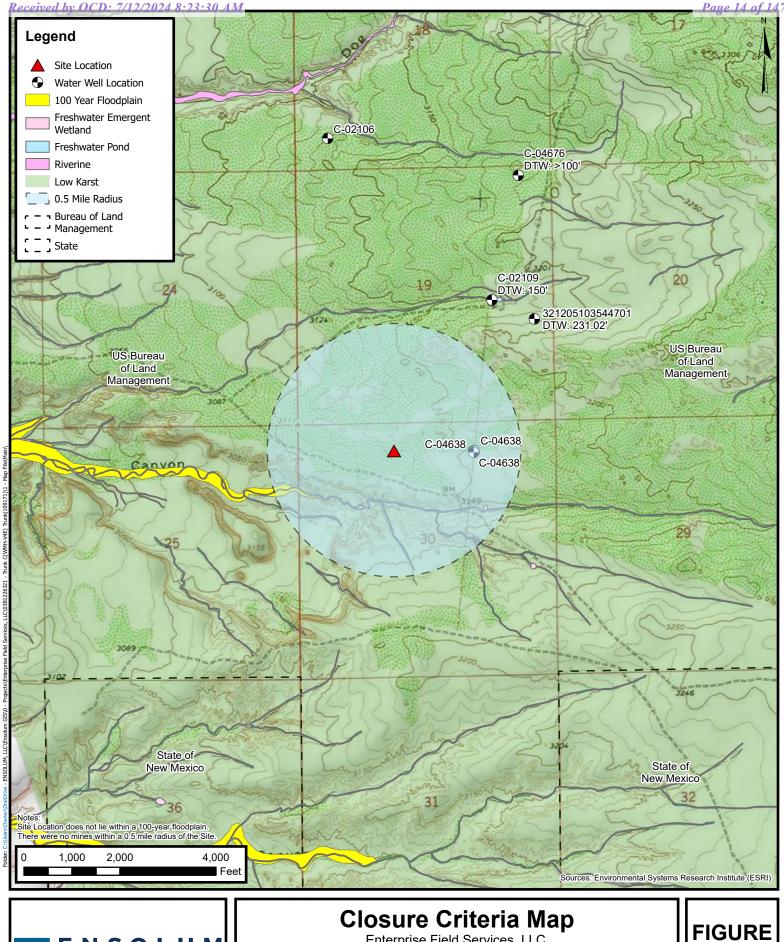


Site Map

Enterprise Field Services, LLC.
Trunk C Discharge
Project Number: 03B1226321
32.194082, -103.923084
Eddy County, New Mexico

FIGURE 3

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Enterprise Field Services, LLC.
Trunk C(WMH-V4E) Trunk(109171)
Project Number: 03B1226321
32.194082, -103.923084
Eddy County, New Mexico

FIGURE 4

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APPENDIX B

Supporting Documentation

Gas Loss Calcuations Trunk C Discahrge

Release Parameters:

Pipeline Purging	Calculation
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Diameter of leak (inches)	0.0833	
Operating Pressure PSIA	794	
Duration of Leak (Days)	0.04	
	5.29	MCF (Gas Loss)
% Natural Gas	100	
Total Gas Loss	5.29	

Emission Factors:

gm-Moles/scf	1.263	
gm/lbs	454	5

Components(Mol%)

<u> </u>	
N2	0.3583
CO2	0.885
C1 (ethane)	8.58
C2 (propane)	3.94
C3 (methane)	83.19
iC4 (Isobutane)	0.72
nC4 (butane)	1.07
iC5 (iso-pentane)	0.4
nC5 (n-pentane)	0.2895
C6+ (heptane)	0.07
Avg MW(Total)	41.33
Avg MW(VOC)	44.66
BTU/SCF	2344.70

	Emissions to
Gas	Atmosphere
Loss	VOC (LBS)
5.2890995136 MCF	563.31

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

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

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

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

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

QUESTIONS

Action 291095

QUESTIONS

Operator:	OGRID:
Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	291095
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites		
Incident ID (n#)	nAPP2333431605	
Incident Name	NAPP2333431605 TRUNK C DISCHARGE @ 0	
Incident Type	Natural Gas Release	
Incident Status	Initial C-141 Received	

Location of Release Source		
Please answer all the questions in this group.		
Site Name	Trunk C Discharge	
Date Release Discovered	11/30/2023	
Surface Owner	Federal	

Incident Details		
Please answer all the questions in this group.		
Incident Type	Natural Gas Release	
Did this release result in a fire or is the result of a fire	No	
Did this release result in any injuries	No	
Has this release reached or does it have a reasonable probability of reaching a watercourse	No	
Has this release endangered or does it have a reasonable probability of endangering public health	No	
Has this release substantially damaged or will it substantially damage property or the environment	No	
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No	

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications fo	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Cause: Corrosion Pipeline (Any) Condensate Released: 5 BBL Recovered: 0 BBL Lost: 5 BBL.
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.

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

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

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

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

QUESTIONS, Page 2

Action 291095

Phone:(505) 476-3470 Fax:(505) 476-3462	
QUESTI	ONS (continued)
Operator:	OGRID:
Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	291095
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
L 10 1 B	
Initial Response The responsible party must undertake the following actions immediately unless they could create a s	refety 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	Truc
environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releate OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 12/05/2023

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

QUESTIONS, Page 3

Action 291095

QUESTIONS (continued)

Operator:	OGRID:
Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	291095
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

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 26 and 50 (ft.)		
What method was used to determine the depth to ground water	Estimate or Other		
Did this release impact groundwater or surface water	No		
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:		
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)		
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)		
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)		
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)		
Any other fresh water well or spring	Between ½ and 1 (mi.)		
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)		
A wetland	Between 1000 (ft.) and ½ (mi.)		
A subsurface mine	Greater than 5 (mi.)		
An (non-karst) unstable area	Greater than 5 (mi.)		
Categorize the risk of this well / site being in a karst geology	Low		
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)		
Did the release impact areas not on an exploration, development, production, or storage site	No		

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	No	
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.		

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

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

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

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

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

CONDITIONS

Action 291095

CONDITIONS

Operator:	OGRID:	
Enterprise Field Services, LLC	241602	
PO Box 4324	Action Number:	
Houston, TX 77210	291095	
	Action Type:	
	[C-141] Initial C-141 (C-141-v-Initial)	

CONDITIONS

Created By		Condition Date
scwells	None	12/5/2023

From: <u>Dunaway, Robert</u>
To: <u>Kelly Lowery</u>

Subject: FW: Extension Request, nAPP2333431605

Date: Thursday, February 8, 2024 2:15:37 PM

Attachments: image003.png

[**EXTERNAL EMAIL**]

For the final report.

Robert Dunaway

Manager, Environmental 3008 E Greene Street, Carlsbad, NM 88220 Office: (575) 628-6830 | rhdunaway@eprod.com



From: Hamlet, Robert, EMNRD < Robert. Hamlet@emnrd.nm.gov>

Sent: Thursday, February 8, 2024 1:14 PM

To: Dunaway, Robert <rhdunaway@eprod.com>

Cc: Feather, David < DFeather@eprod.com>; Bratcher, Michael, EMNRD

<mike.bratcher@emnrd.nm.gov>; Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>; Velez,

Nelson, EMNRD < Nelson. Velez@emnrd.nm.gov>

Subject: [EXTERNAL] Extension Request, nAPP2333431605

[Use caution with links/attachments]

RE: Incident #NAPP2333431605

Robert.

Your request for a 90-day extension to **May 8th, 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: Thursday, February 8, 2024 9:56 AM

To: Hamlet, Robert, EMNRD <<u>Robert.Hamlet@emnrd.nm.gov</u>>
Cc: Bratcher, Michael, EMNRD <<u>mike.bratcher@emnrd.nm.gov</u>>
Subject: FW: [EXTERNAL] Extension Request, nAPP2333431605

From: Dunaway, Robert < rhdunaway@eprod.com>

Sent: Thursday, February 8, 2024 9:51 AM

To: Enviro, OCD, EMNRD < < OCD. Enviro@emnrd.nm.gov >

Cc: Feather, David < <u>DFeather@eprod.com</u>>

Subject: [EXTERNAL] Extension Request, nAPP2333431605

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

Good morning.

Enterprise would like to request an extension to 5/27/24 for nAPP2333431605 (Trunk C).

Remediation is in process on the pipeline release, but Enterprise can only expose 10' of the line at a time due to safety concerns. This has caused the project to move slowly and require extra time to complete the remediation project.

Robert Dunaway

Manager, Environmental 3008 E Greene Street, Carlsbad, NM 88220 Office: (575) 628-6830 | rhdunawav@eprod.com



This message (including any attachments) is confidential and intended for a specific individual and purpose. If you are not the intended recipient, please notify the sender immediately and delete this message.

Kelly Lowery

From: Dunaway, Robert <rhdunaway@eprod.com>
Sent: Wednesday, April 24, 2024 12:11 PM

To: Kelly Lowery

Subject: Fwd: [EXTERNAL] (Final Extension) NAPP2333431605 TRUNK C DISCHARGE

Attachments: image002.jpg; image003.png

[**EXTERNAL EMAIL**]

Sent from my iPhone

Begin forwarded message:

From: "Hamlet, Robert, EMNRD" <Robert.Hamlet@emnrd.nm.gov>

Date: April 24, 2024 at 11:01:45 AM MDT

To: "Dunaway, Robert" < rhdunaway@eprod.com>

Cc: "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>, "Wells, Shelly, EMNRD" <Shelly.Wells@emnrd.nm.gov>, "Velez, Nelson, EMNRD" <Nelson.Velez@emnrd.nm.gov>

Subject: [EXTERNAL] (Final Extension) NAPP2333431605 TRUNK C DISCHARGE

[Use caution with links/attachments] RE: Incident #NAPP2333431605

Robert,

Your request for a 90 day extension to July 23rd, 2024 is approved. This will be the final extension for this release. 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<mailto:robert.hamlet@state.nm.us>

http://www.emnrd.state.nm.us/OCD/<https://urldefense.com/v3/__http://www.emnrd.state.nm.us/OCD/__;!!AT8jIA!9 phmFqZZP36gITJX1ccEw6FWLgHU0dNW-qCVoElGJ_1oxItrdTYsfjcv6RCV78a4tTZs87QTD-UfdiGgqwtQMQVtdt4e\$> [image002.jpg]

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Sent: Wednesday, April 24, 2024 9:19 AM

To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov> Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov> Subject: FW: [EXTERNAL] Extension Request nAPP2333431605

From: Dunaway, Robert <rhdunaway@eprod.com<mailto:rhdunaway@eprod.com>>

Sent: Wednesday, April 24, 2024 8:52 AM

To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov<mailto:OCD.Enviro@emnrd.nm.gov>>

Subject: [EXTERNAL] Extension Request nAPP2333431605

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

Good morning.

Enterprise Products would like to request an extension to nAPP2333431605 (Trunk C). Remediation has been underway but there have been safety issues outside Enterprise's control.

- 1. Only 10' of the pipeline can be exposed at a time due to safety/pipeline support requirements, adding to the time required for excavation and remediation.
- 2. There have been industrial hygiene issues with benzene levels, requiring job planning and special excavation procedures.
- 3. The excavation is approaching 20' in some places, requiring larger excavation equipment.

Enterprise understands that this is the second extension request for this project. We feel that we can bring the project to closure within the next 90 days, barring something truly extraordinary. Enterprise requests an extension to 7/19/24.

Robert Dunaway
Manager, Environmental
3008 E Greene Street, Carlsbad, NM 88220
Office: (575) 628 6830 | Cell: (575) 307 9378 rhdunaway@eprod.com<mailto:rhdunaway@eprod.com>
[image003.png]

This message (including any attachments) is confidential and intended for a specific individual and purpose. If you are not the intended recipient, please notify the sender immediately and delete this message.



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

POD Number

Q64 Q16 Q4 Sec Tws Rng

X Y

C 02109

4 19 24S 30E

602130 3563412

Driller License:

Driller Company:

Driller Name:

Well Tag

UNKNOWN

Drill Start Date:

Drill Finish Date:

12/31/1963

Plug Date:

Log File Date:

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield: 40 GPM

Casing Size:

7.00

Depth Well:

130 feet

Depth Water: 150 feet

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

11/15/23 9:17 AM

POINT OF DIVERSION SUMMARY

agency_cd site_no station_nm dec_lat_va dec_long_va dec_coord_datum_cd state_cd county_cd Altitude_ft alt_datum_cd well_depth_va gw_count_nu lev_dt lev_va x y

USGS 3.21205E+14 24S.30E.19.42113 32.2015121 -103.9135416 NAD83 35 15 3188 NAVD88 452 9 1/27/1998 231.02 602399.3963000001 3563289.5540999994

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

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

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



1. IDENTIFICATION OF THE SUBSTANCE

Product identifier

Product Name: Micro-Blaze® Out

Product Code: MBO

Recommended use of the chemical and restrictions on use

Recommended Use: Fire Fighting/Bioremediation
Uses advised against: Please refer to Product Data Sheet

Details of the supplier of the Safety Data Sheet

Contact Manufacturer: Verde Environmental, Inc.

9223 Eastex Freeway Houston, TX USA 77093

Information Telephone Number: 1-713-691-6468

Emergency Telephone Number: 1-800-424-9300 (Chemtrec) 24 hours every day

2. HAZARDS IDENTIFICATION

Classification

Classification of the product is in accordance with 29CFR 1910.1200

Acute toxicity – Oral	Category 5
Serious eye damage/eye irritation	Category 2A
Skin sensitization	Category 1

Label elements

Emergency Overview

Warning

Hazard statements

May cause an allergic skin reaction Causes serious eye irritation May be harmful if swallowed



Appearance: Opaque Physical State: Liquid Odor: Slight fermentation odor

Date Issued: 22nd January, 2021 Page 1 of 8



<u>Precautionary Statements - Prevention</u>

Wear eye/face protection. Wear protective gloves. Avoid breathing dust/fume/gas/mist/vapors/spray.

<u>Precautionary Statements – Response</u>

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact Eyes

lenses, if present and easy to do. Continue rinsing

Skin IF ON SKIN: Gently wash with plenty of soap and water

Inhalation IF INHALED: If breathing is difficult, remove victim to fresh air and keep at

rest in a position comfortable for breathing

Ingestion IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel

unwell

Precautionary Statements - Storage

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F

Precautionary Statements – Disposal

Dispose of unused product and container in accordance with all applicable local and regional requirements

Hazards not otherwise classified (HNOC)

Not applicable

Other information

Health Hazard	1
Fire Hazard	0
Reactivity	0

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	Weight - %
Water and Proprietary Viable Spore Forming Cultures	> 60
Ammonium Lauryl Sulfate	> 30
Proprietary blend of Ethoxylated Alcohols and other Oganic Materials	1.0 - 3.0
Additives	0.1 - 0.8
Polysaccharide Xanthum Gum	0.1 <

Note: Micro-Blaze Out® does not contain PFOS, PFAS or any other fluorosurfactant

Date Issued: 22nd January, 2021 Page 2 of 8



4. FIRST AID MEASURES

First aid measures

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15

minutes

Skin Contact Wash off immediately with soap and plenty of water

Inhalation Move to fresh air

Ingestion Clean mouth with water and afterwards drink plenty of water

Most important symptoms and effects, both acute and delayed

Main symptoms No information available

Indication of any immediate medical attention and special treatment needed

Notes to physician Treat symptomatically

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Specific Hazards Arising from the Chemical

No information available

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Ensure adequate ventilation

Environmental precautions

Date Issued: 22nd January, 2021

Environmental Precautions It is not anticipated to be hazardous for the environment

Methods and material for containment and cleaning up

Methods for Clean-up Pick up and transfer to properly labeled containers

Released to Imaging: 2/27/2025 9:23:47 AM



7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place

Packaging Material There could be many packaging types for the product. The details are

given in other Verde Environmental, Inc. documents

Incompatible Materials Strong acids or alkali compounds and strong oxidizing agents may

inactivate biological cultures

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Individual protection measures, such as personal protective equipment

Eve Protection Avoid contact with eyes

Skin and body protection No special technical protective measures are necessary

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practices

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid **Appearance** Tan, Opaque Pleasant (perfume) Odor **Odor Threshold** No information available

Values Property 7.0 - 8.0pН

Melting/freezing point freeze at 0°C/32°F **Evaporation rate VALUE** No information available

Flammability (solid, gas) Not flammable

Burning rate 100mm VALUE No information available Vapor pressure No information available Vapor density No information available Specific gravity No information available

Water solubility 99%

Date Issued: 22nd January, 2021



Solubility in other solvents No information available **Partition Coefficient (n-octanol/water)** No information available **Autoignition temperature** No information available **Decomposition temperature** No information available No information available Viscosity of product Viscosity No information available **Explosive properties** No information available **Oxidizing properties** No information available

Other Information

Softening PointNo information availableVOC ContentNo information availableDensityNo information available

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions

Possibility of Hazardous Reactions

None under normal processing

Conditions to avoid

Extremes of temperature and direct sunlight

Incompatible materials

Strong acids or alkali compounds and strong oxidizing agents may inactivate biological cultures

Hazardous Decomposition Products

No information available

11. Toxicological Information

Information on likely routes of exposure

Inhalation There is no data available for this product

Eye contact Avoid contact with eyes. Severely irritating to eyes

Skin contact Repeated or prolonged skin contact may cause allergic reactions with

susceptible persons.

Ingestion Ingestion may cause stomach discomfort

Date Issued: 22nd January, 2021 Page 5 of 8



Information on toxicological effects

Symptoms No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization May cause sensitization of susceptible persons

Mutagenic EffectsNo information availableReproductive EffectsNo information availableSpecific target organ systemic toxicityNo information availableAspiration hazardNo information available

12. ECOLOGICAL INFORMATION

Ecotoxicity

None known

Chemical Name	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Ammonium Lauryl				EC50 = 10452 mg/L
Sulfate				48h

Persistence/Degradability

The organic components of the product are biodegradable.

Bioaccumulation/Accumulation

No information available

Other adverse effects

No known effect

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste Disposal Method Dispose of contents/container in accordance with local regulation

Contaminated Packaging Empty containers should be taken for local recycling, recovery or waste

disposal

14. TRANSPORT INFORMATION

Transport regulations: No dangerous goods according to transport regulations

No special precautions required

Transport hazard class(es): N/A

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Packing group: N/A

Environmental hazards: N/A

15. REGULATORY INFORMATION

International Inventories

Legend:

TSCA – United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List

Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and 40 CFR Part 372.

SARA 311/312 Hazardous

Categorization

Acute Health HazardNoChronic Health HazardNoFire HazardNoSudden Release of Pressure HazardNoReactive HazardNo

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

State Right-to-Know

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

Canada

Date Issued: 22nd January, 2021 Page 7 of 8



WHMIS Statement

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

16. OTHER INFORMATION

Revision date: Revision Summary 01.22.2021

No information available

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text. Furthermore, as the conditions of use are beyond the control of Verde Environmental, Inc., it is the responsibility of the customer to determine the conditions of safe use of this preparation.

Date Issued: 22nd January, 2021 Page 8 of 8



APPENDIX C

Photographic Documentation





Impacted area during remediation activities, facing east (12/27/2023).

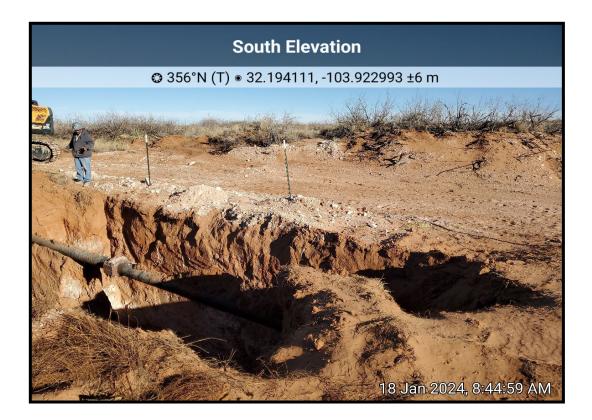


Impacted area during remediation activities, facing southeast (12/29/2023).



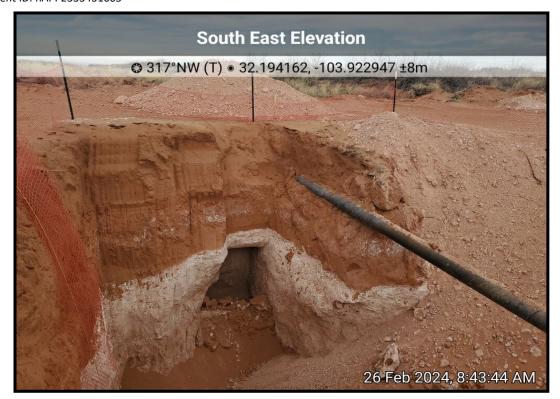


Impacted area during remediation activities, facing west (01/18/2024).



Impacted area during remediation activities, facing north (01/18/2024).





Impacted area during excavation activities, facing northwest (02/26/2024).



Impacted area during excavation activities, facing west (04/19/2024).





Impacted area during excavation activities, facing southeast (04/22/2024).



Impacted area after backfill and reseeding activities, facing northwest (05/08/2024).



APPENDIX D

Table



TABLE 1

SOIL SAMPLE ANALYTICAL RESULTS

Trunk C (WMH-V4E) Trunk (109171)

Enterprise Field Services, LLC Eddy County, New Mexico Ensolum Project No. 03B1226321

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)
	I Conservation I Soils Impacted b (≤ 50 feet)		10	NE	NE	NE	50	NE	NE	NE	100	600
				Comp	osite Excavation	Floor Soil Sam	ple Analytical F	Results				
FS01	12/11/2023	4	0.10	1.2	0.90	4.8	7.0	250	100	300	650	370
F301	01/22/2024	14	<0.017	<0.034	<0.034	<0.068	<0.068	<3.4	<8.9	<45	<45	91
FS02	01/22/2024	14	<0.017	<0.033	<0.033	0.18	0.18	3.3	<8.8	<44	<44	66
FS03	01/29/2024	14	4.21	36.1	11.7	88.8	141	2,600	225	131	2,956	192
F303	02/26/2024	18	< 0.050	<0.050	<0.050	<0.130	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
FS04	04/15/2024	5	<0.050	0.090	<0.050	0.249	0.339	<10.0	13.7	<10.0	13.7	64.0
FS05	04/15/2024	12	<0.050	2.11	1.82	21.3	25.3	368	85.6	53.2	507	80.0
F305	04/19/2024	20			NS			<10.0	<10.0	<10.0	<10.0	NS
FS06	04/29/2024	14	< 0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
				Compo	site Excavation S	idewall Soil Sa	mple Analytical	Results				
SW01	12/11/2023	0 - 4	< 0.076	<0.15	<0.15	0.41	0.41	27	46	210	283	470
3001	01/22/2024	0 - 14	<0.018	<0.037	<0.037	< 0.073	<0.073	<3.7	<8.9	<45	<45	<60
SW02	01/22/2024	0 - 14	<0.020	<0.040	<0.040	<0.080	<0.080	<4.0	<9.3	<46	<46	<60
SW03	01/22/2024	0 - 14	<0.015	<0.030	<0.030	<0.060	<0.060	<3.0	<9.1	<45	<45	<60
	01/22/2024	0 - 14	< 0.077	1.9	0.82	6.8	9.5	160	29	<48	189	<60
SW04	01/29/2024	0 - 14	<0.050	<0.050	<0.050	<0.150	<0.300	49.2	61.5	64.3	175	32.0
	02/26/2024	0 - 18	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
SW05	04/15/2024	0 - 5	< 0.050	0.100	<0.050	0.319	0.419	<10.0	20.8	<10.0	20.8	80.0
SW06	04/15/2024	0 - 6	<0.050	0.844	0.414	3.12	4.38	49.0	38.5	<10.0	87.5	112
SW07	04/15/2024	0 - 12	<0.050	1.05	0.908	11.3	13.3	156	56.2	45.1	257	32.0
3007	04/22/2024	0 - 12			NS			<10.0	<10.0	<10.0	<10.0	NS
SW08	04/15/2024	0 - 12	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
30000	04/19/2024	12 - 20	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
SW09	04/15/2024	0 - 12	<0.050	4.28	0.615	6.22	11.1	54.6	16.9	<10.0	71.5	48.0
3009	04/19/2024	12 - 20	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
SW10	04/29/2024	0 - 7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
300 10	04/29/2024	7 - 14	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0

Received by OCD: 7/12/2024 8:23:30 AM

TABLE 1

SOIL SAMPLE ANALYTICAL RESULTS

Trunk C (WMH-V4E) Trunk (109171)

Enterprise Field Services, LLC Eddy County, New Mexico Ensolum Project No. 03B1226321

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)
	I Conservation E Soils Impacted b (≤ 50 feet)		10	NE	NE	NE	50	NE	NE	NE	100	600
					Delineation So	il Sample Anal	tical Results					
DS01	04/15/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
DS02	04/15/2024	0.25	< 0.050	0.777	0.525	4.71	6.01	30.3	11.5	<10.0	41.8	16.0
DS03	04/15/2024	0.25	<0.050	0.184	0.163	1.81	2.16	59.2	42.9	45.1	147	112
D503	04/19/2024	0.25			NS			<10.0	<10.0	<10.0	<10.0	NS
DS04	04/15/2024	0.25	<0.050	0.547	0.051	0.393	0.991	<10.0	<10.0	<10.0	<10.0	48.0
DS05	04/15/2024	0.25	<0.050	0.131	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
DS06	04/15/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
DS07	04/15/2024	0.25	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
DS08	04/15/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
DS09	04/29/2024	0 - 0.25	<0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
				С	omposite Stockpil	e Soil Sample	Analytical Resu	ılts				
Stockpile	12/11/2023	NA NA	<0.082	<0.16	0.18	1.4	1.6	89	110	470	669	370
Stockpile	01/22/2024	NA .	0.087	1.2	0.34	3.0	3.3	54	21	61	136	68
Stockpile	04/15/2024	NA	< 0.050	6.74	2.08	16.7	25.6	200	49.8	23.4	273	32.0

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

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

Received by OCD: 7/12/2024 8:23:30 AM



APPENDIX E

Laboratory Analytical Reports & Chain-of-Custody Documentation



Eurofins Environment Testing South Central, LLC 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

December 28, 2023

Kelly Lowery
Ensolum LLC
601 Marrenfield #400
Midland, TX 79701
TEL: (214) 733-3165

FAX:

RE: Trunk C WMH V4E Trunk 109171 OrderNo.: 2312729

Dear Kelly Lowery:

Eurofins Environment Testing South Central, LLC received 2 sample(s) on 12/13/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 12/28/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Ensolum LLC Client Sample ID: FS01

 Project:
 Trunk C WMH V4E Trunk 109171
 Collection Date: 12/11/2023 8:09:00 AM

 Lab ID:
 2312729-001
 Matrix: MEOH (SOIL)
 Received Date: 12/13/2023 7:50:00 AM

Analyses	Result	RL (Qual U	Jnits	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst: DGH
Diesel Range Organics (DRO)	100	9.7	İ	mg/Kg	1	12/13/2023 2:17:40 PM
Motor Oil Range Organics (MRO)	300	48	I	mg/Kg	1	12/13/2023 2:17:40 PM
Surr: DNOP	112	69-147	•	%Rec	1	12/13/2023 2:17:40 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	250	15	I	mg/Kg	5	12/14/2023 12:25:12 AM
Surr: BFB	375	15-244	S	%Rec	5	12/14/2023 12:25:12 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	0.10	0.077	İ	mg/Kg	5	12/14/2023 12:25:12 AM
Toluene	1.2	0.15	I	mg/Kg	5	12/14/2023 12:25:12 AM
Ethylbenzene	0.90	0.15	1	mg/Kg	5	12/14/2023 12:25:12 AM
Xylenes, Total	4.8	0.31	1	mg/Kg	5	12/14/2023 12:25:12 AM
Surr: 4-Bromofluorobenzene	121	39.1-146	•	%Rec	5	12/14/2023 12:25:12 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	370	60	1	mg/Kg	20	12/13/2023 9:48:11 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Date Reported: 12/28/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Ensolum LLC Client Sample ID: SW01

 Project:
 Trunk C WMH V4E Trunk 109171
 Collection Date: 12/11/2023 8:11:00 AM

 Lab ID:
 2312729-002
 Matrix: MEOH (SOIL)
 Received Date: 12/13/2023 7:50:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: PRD
Diesel Range Organics (DRO)	46	9.6	mg/Kg	1	12/15/2023 10:12:27 AM
Motor Oil Range Organics (MRO)	210	48	mg/Kg	1	12/15/2023 10:12:27 AM
Surr: DNOP	97.9	69-147	%Rec	1	12/15/2023 10:12:27 AM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP
Gasoline Range Organics (GRO)	27	15	mg/Kg	5	12/14/2023 12:49:11 AM
Surr: BFB	141	15-244	%Rec	5	12/14/2023 12:49:11 AM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.076	mg/Kg	5	12/14/2023 12:49:11 AM
Toluene	ND	0.15	mg/Kg	5	12/14/2023 12:49:11 AM
Ethylbenzene	ND	0.15	mg/Kg	5	12/14/2023 12:49:11 AM
Xylenes, Total	0.41	0.31	mg/Kg	5	12/14/2023 12:49:11 AM
Surr: 4-Bromofluorobenzene	104	39.1-146	%Rec	5	12/14/2023 12:49:11 AM
EPA METHOD 300.0: ANIONS					Analyst: SNS
Chloride	470	60	mg/Kg	20	12/13/2023 10:03:21 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

WO#: **2312729**

28-Dec-23

Client: Ensolum LLC

Project: Trunk C WMH V4E Trunk 109171

Sample ID: MB-79363 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 79363 RunNo: 101822

Prep Date: 12/13/2023 Analysis Date: 12/13/2023 SeqNo: 3754014 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-79363 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 79363 RunNo: 101822

Prep Date: 12/13/2023 Analysis Date: 12/13/2023 SeqNo: 3754015 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 95.3 90 110

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

2312729 28-Dec-23

WO#:

Client: Ensolum LLC

Project: Trunk C WMH V4E Trunk 109171

r												
Sample ID:	2312729-001AMS	SampT	Гуре: МЅ	3	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID:	FS01	Batch	h ID: 79 3	350	F	RunNo: 10	01833					
Prep Date:	12/13/2023	Analysis D	Date: 12	/13/2023	9	SeqNo: 37	754496	Units: mg/K	(g			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range (Organics (DRO)	130	9.9	49.31	101.3	57.9	54.2	135				
Surr: DNOP		5.8		4.931		119	69	147				
Sample ID:	2312729-001AMSD	Samp1	Гуре: МЅ	SD .	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID:	FS01	Batch	h ID: 79 3	350	F	RunNo: 101833						
Prep Date:	12/13/2023	Analysis D	Date: 12	2/13/2023	5	SeqNo: 37	754498	Units: mg/K	(g			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range (Organics (DRO)	120	9.6	47.80	101.3	30.8	54.2	135	11.3	29.2	S	
Surr: DNOP		5.2		4.780		108	69	147	0	0		
Sample ID:	MB-79350	SampT	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8015M/D: Die	sel Range	Organics		
Sample ID: Client ID:	MB-79350 PBS	•	Гуре: МЕ n ID: 79 3			tCode: EF RunNo: 1 (8015M/D: Die	esel Range	Organics		
		•	h ID: 79 3	350	F		01833	8015M/D: Die	J	Organics		
Client ID:	PBS	Batch	h ID: 79 3	350 2/13/2023	F	RunNo: 10 SeqNo: 37	01833		J	Organics RPDLimit	Qual	
Client ID: Prep Date: Analyte	PBS	Batcl Analysis D	h ID: 79 3 Date: 12	350 2/13/2023	F	RunNo: 10 SeqNo: 37	01833 754727	Units: mg/K	(g	Ü	Qual	
Client ID: Prep Date: Analyte Diesel Range C	PBS 12/13/2023	Batcl Analysis D Result	h ID: 79 3 Date: 12 PQL	350 2/13/2023	F	RunNo: 10 SeqNo: 37	01833 754727	Units: mg/K	(g	Ü	Qual	
Client ID: Prep Date: Analyte Diesel Range C	PBS 12/13/2023 Organics (DRO)	Batch Analysis E Result ND	n ID: 793 Date: 12 PQL 10	350 2/13/2023	F	RunNo: 10 SeqNo: 37	01833 754727	Units: mg/K	(g	Ü	Qual	
Client ID: Prep Date: Analyte Diesel Range C Motor Oil Rang Surr: DNOP	PBS 12/13/2023 Organics (DRO)	Batch Analysis D Result ND ND 10	n ID: 793 Date: 12 PQL 10	350 2/13/2023 SPK value 10.00	F SPK Ref Val	RunNo: 10 SeqNo: 37 %REC 100	01833 754727 LowLimit	Units: mg/K HighLimit	% RPD	RPDLimit	Qual	
Client ID: Prep Date: Analyte Diesel Range (Motor Oil Rang Surr: DNOP	PBS 12/13/2023 Drganics (DRO) te Organics (MRO)	Batcl Analysis D Result ND ND 10	PQL 10 50	350 2/13/2023 SPK value 10.00	SPK Ref Val	RunNo: 10 SeqNo: 37 %REC 100	01833 754727 LowLimit 69	Units: mg/K HighLimit 147	% RPD	RPDLimit	Qual	
Client ID: Prep Date: Analyte Diesel Range (Motor Oil Rang Surr: DNOP	PBS 12/13/2023 Organics (DRO) the Organics (MRO)	Batcl Analysis D Result ND ND 10	PQL 10 50 10 10 10 10 10 10 10 10 10 10 10 10 10	350 2/13/2023 SPK value 10.00 S 350	SPK Ref Val Tes	RunNo: 10 SeqNo: 3: %REC 100 tCode: EF	01833 754727 LowLimit 69 PA Method 01833	Units: mg/K HighLimit 147	%RPD	RPDLimit	Qual	
Client ID: Prep Date: Analyte Diesel Range (Motor Oil Rang Surr: DNOP Sample ID: Client ID:	PBS 12/13/2023 Drganics (DRO) e Organics (MRO) LCS-79350 LCSS	Batcl Analysis E Result ND ND 10 Samp1 Batcl	PQL 10 50 10 10 10 10 10 10 10 10 10 10 10 10 10	350 2/13/2023 SPK value 10.00 S 350	SPK Ref Val Tes	RunNo: 10 SeqNo: 3; %REC 100 tCode: EF	01833 754727 LowLimit 69 PA Method 01833	Units: mg/K HighLimit 147 8015M/D: Die	%RPD	RPDLimit	Qual	
Client ID: Prep Date: Analyte Diesel Range (Motor Oil Rang Surr: DNOP Sample ID: Client ID: Prep Date: Analyte	PBS 12/13/2023 Drganics (DRO) e Organics (MRO) LCS-79350 LCSS	Batcl Analysis D Result ND ND 10 SampT Batcl Analysis D	PQL 10 50 Type: LC nh ID: 793 Date: 12	350 2/13/2023 SPK value 10.00 S 350 2/13/2023	SPK Ref Val Tes	RunNo: 10 SeqNo: 37 %REC 100 tCode: EF RunNo: 10 SeqNo: 37	01833 754727 LowLimit 69 PA Method 01833 754728	Units: mg/k HighLimit 147 8015M/D: Die Units: mg/k	Kg %RPD esel Range	RPDLimit Organics		

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

WO#: 2312729 28-Dec-23

Client: Ensolum LLC

Project: Trunk C WMH V4E Trunk 109171

Sample ID: 2.5UG GRO LCS SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: GS101798 RunNo: 101798 Prep Date: Analysis Date: 12/13/2023 SeqNo: 3752235 Units: mg/Kg Analyte PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Result LowLimit Qual Gasoline Range Organics (GRO) 23 5.0 25.00 n 93.1 70 130 Surr: BFB 2100 1000 209 15 244

Sample ID: mb SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: PBS Batch ID: GS101798 RunNo: 101798 Prep Date: Analysis Date: 12/13/2023 SeqNo: 3752237 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual

Gasoline Range Organics (GRO)

Surr: BFB

ND 5.0 990

1000

98.8

15

244

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated.

Analyte detected in the associated Method Blank

Above Quantitation Range/Estimated Value

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

WO#: **2312729 28-Dec-23**

Client: Ensolum LLC

Project: Trunk C WMH V4E Trunk 109171

Sample ID: 100NG BTEX LCS	Samp ⁻	Туре: LC	s	Tes	tCode: EF	iles					
Client ID: LCSS	Batc	Batch ID: BS101798			RunNo: 10	01798					
Prep Date:	Analysis [Date: 12	/13/2023	SeqNo: 3752248			Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.90	0.025	1.000	0	89.9	70	130				
Toluene	0.92	0.050	1.000	0	91.7	70	130				
Ethylbenzene	0.92	0.050	1.000	0	92.5	70	130				
Xylenes, Total	2.8	0.10	3.000	0	93.1	70	130				
Surr: 4-Bromofluorobenzene	1.0		1.000	102 39.1			146				

Sample ID: mb	SampT	уре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volati	les			
Client ID: PBS	Batch	n ID: BS	101798	F	RunNo: 10	01798					
Prep Date:	Analysis D)ate: 12	/13/2023	SeqNo: 3752249			Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	ND	0.025									
Toluene	ND	0.050									
Ethylbenzene	ND	0.050									
Xylenes, Total	ND	0.10									
Surr: 4-Bromofluorobenzene	1.0		1.000		101	39.1	146				

- Value exceeds Maximum Contaminant Level.
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- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



Environment Testin

Eurofins Environment Testing South Central, LLC 4901 Hawkins NE

Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Released to Imaging: 2/27/2025 9:23:47 AM

	ie. www.nauenvironmeniai		
Client Name: Ensolum LLC Work Orde	er Number: 2312729		RcptNo: 1
Received By: Tracy Casarrubias 12/13/2023	7:50:00 AM		
Completed By: Tracy Casarrubias 12/13/2023	3:28:33 AM		
Reviewed By: July 13/23			
Chain of Custody			
1. Is Chain of Custody complete?	Yes	No 🗹	Not Present
2. How was the sample delivered?	Courier		
<u>Log In</u>			
3. Was an attempt made to cool the samples?	Yes 🗹	No 🗌	NA 🗆
4. Were all samples received at a temperature of >0° C to 6.0	0°C Yes 🗹	No 🗌	NA \square
5. Sample(s) in proper container(s)?	Yes 🗹	No 🗌	
6. Sufficient sample volume for indicated test(s)?	Yes 🗹	No 🗆	
$\boldsymbol{7}_{\cdot}$ Are samples (except VOA and ONG) properly preserved?	Yes 🗸	No 🗌	
8. Was preservative added to bottles?	Yes 🗌	No 🗹	NA 🗆
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes 🗌	No 🗌	NA ₩
10. Were any sample containers received broken?	Yes	No 🗹	# of preserved
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes 🗸	No 🗌	bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes 🗸	No 🗌	Adjusted?
13. Is it clear what analyses were requested?	Yes 🗹	No 🗌	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes 🗹	No 🗌	Checked by:
Special Handling (if applicable)		/	
15. Was client notified of all discrepancies with this order?	Yes	No 🗌	NA 🗹
Person Notified:	Date:		
By Whom:	Via: eMail F	Phone Fax	in Person
Regarding:			
Client Instructions: City.state, and zip code on maili	ng address and clients da	ate and time of	relinquishment ar
16. Additional remarks:			
Date and time of client's relinquish signature does no	t match drivers		
17. Cooler Information			
Cooler No Temp °C Condition Seal Intact Se 1 5.5 Good Yes Yog	al No Seal Date	Signed By	

Page 53 of 147
HALL ENVIRONMENTAL ANALYSIS LABORATORY 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107 www.hallenvironmental.com Bill to: Tom Long Email: tjlong@epord.com Enterprise Field Services, LLC **Analysis Request** Total Coliform (Present/Absent) Paykey/AFE/NonAFE;) N 6348 (AOV-ima2) 07S8 (AOV) 09S8 "EON (cr)E NO2, PO4, SO4 RCRA 8 Metals PAHs by 8310 or 8270SIMS EDB (Method 504.1) 8081 Pesticides/8082 PCB's Remarks: (PH3015D(GRO / DRO / MRO) BTEX (1208) s'BMT \ 38TM 12/12/13 0700 7.50 Project Name: Trunk C (WMH-V4E) Trunk (109171) Time U09. HEAL No. 12/13/23 2312329 8 8 Date oN □ Kelly Lowery Z Rush Via: Court Cooler Tempanding OFI. 5. U Preservative Туре Via: Turn-Around Time: Project Manager: 83B127632 CULY AAA □ Standard # of Coolers: Container Type and # Received by: Received by: Project #: Sampler: On Ice: Pa 3 ナし Level 4 (Full Validation) Sample Name Depth 601 N. Marienfeld St. Suite 400 Received by OCD: 7/12/2024 8:23:30 AW
Chain-of-Custody Record klowery@ensolum.com SWAT TSA! □ Az Compliance Relinquished by: Relinquished by: 214-733-3165 □ Other Matrix Ensolum, LLC So Mailing Address: QA/QC Package: 712 BS 1900 email or Fax#: ☐ EDD (Type) 809 Time: Time Accreditation: Time: 000 Standard Standard □ NELAC Phone #: Client: Dec 1123 2/11/2 Date Date:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



Eurofins Environment Testing South Central, LLC 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

December 28, 2023

Kelly Lowery Ensolum LLC 601 Marrenfield #400 Midland, TX 79701 TEL: (214) 733-3165

FAX:

RE: Trunk C WMH V4E Trunk 109171 OrderNo.: 2312731

Dear Kelly Lowery:

Eurofins Environment Testing South Central, LLC received 1 sample(s) on 12/13/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 12/28/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Ensolum LLC Client Sample ID: Stock Pile

 Project:
 Trunk C WMH V4E Trunk 109171
 Collection Date: 12/11/2023 10:02:00 AM

 Lab ID:
 2312731-001
 Matrix: MEOH (SOIL)
 Received Date: 12/13/2023 7:50:00 AM

Analyses	Result	RL (Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst: DGH
Diesel Range Organics (DRO)	110	93		mg/Kg	10	12/14/2023 5:22:31 AM
Motor Oil Range Organics (MRO)	470	460		mg/Kg	10	12/14/2023 5:22:31 AM
Surr: DNOP	0	69-147	S	%Rec	10	12/14/2023 5:22:31 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	89	16		mg/Kg	5	12/14/2023 1:13:09 AM
Surr: BFB	248	15-244	S	%Rec	5	12/14/2023 1:13:09 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.082		mg/Kg	5	12/14/2023 1:13:09 AM
Toluene	ND	0.16		mg/Kg	5	12/14/2023 1:13:09 AM
Ethylbenzene	0.18	0.16		mg/Kg	5	12/14/2023 1:13:09 AM
Xylenes, Total	1.4	0.33		mg/Kg	5	12/14/2023 1:13:09 AM
Surr: 4-Bromofluorobenzene	107	39.1-146		%Rec	5	12/14/2023 1:13:09 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	370	60		mg/Kg	20	12/13/2023 10:18:31 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 1 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#: **2312731**

28-Dec-23

Client: Ensolum LLC

Project: Trunk C WMH V4E Trunk 109171

Sample ID: MB-79363 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 79363 RunNo: 101822

Prep Date: 12/13/2023 Analysis Date: 12/13/2023 SeqNo: 3754014 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-79363 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 79363 RunNo: 101822

Prep Date: 12/13/2023 Analysis Date: 12/13/2023 SeqNo: 3754015 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 95.3 90 110

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#: 2312731 28-Dec-23

Client: Ensolum LLC

Project: Trunk C WMH V4E Trunk 109171

Sample ID: MB-79350 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 79350 RunNo: 101833 Prep Date: 12/13/2023 Analysis Date: 12/13/2023 SeqNo: 3754727 Units: mg/Kg Analyte PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual Result LowLimit Diesel Range Organics (DRO) ND 10 Motor Oil Range Organics (MRO) ND 50 Surr: DNOP 10 10.00 100 69 147

Sample ID: LCS-79350 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 79350 RunNo: 101833 Prep Date: 12/13/2023 Analysis Date: 12/13/2023 SeqNo: 3754728 Units: mg/Kg Analyte PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 49 10 50.00 0 97.5 61.9 130

Surr: DNOP 4.5 5.000 90.9 69 147

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 3 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#: 2312731 28-Dec-23

Client: Ensolum LLC

Project: Trunk C WMH V4E Trunk 109171

Sample ID: 2.5UG GRO LCS SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: GS101798 RunNo: 101798 Prep Date: Analysis Date: 12/13/2023 SeqNo: 3752235 Units: mg/Kg Analyte PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Result LowLimit Qual Gasoline Range Organics (GRO) 23 5.0 25.00 n 93.1 70 130 Surr: BFB 2100 1000 209 15 244

Sample ID: mb SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: PBS Batch ID: GS101798 RunNo: 101798 Prep Date: Analysis Date: 12/13/2023 SeqNo: 3752237 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 990 1000 98.8 15 244

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2312731**

28-Dec-23

Client: Ensolum LLC

Project: Trunk C WMH V4E Trunk 109171

Sample ID: 100NG BTEX LCS	Samp ⁻	Туре: LC	s	Tes	tCode: EF	iles					
Client ID: LCSS	Batc	Batch ID: BS101798			RunNo: 10	01798					
Prep Date:	Analysis [Date: 12	/13/2023	SeqNo: 3752248			Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.90	0.025	1.000	0	89.9	70	130				
Toluene	0.92	0.050	1.000	0	91.7	70	130				
Ethylbenzene	0.92	0.050	1.000	0	92.5	70	130				
Xylenes, Total	2.8	0.10	3.000	0	93.1	70	130				
Surr: 4-Bromofluorobenzene	1.0		1.000	102 39.1			146				

Sample ID: mb	Samp	Гуре: МЕ	BLK	Tes								
Client ID: PBS	Batcl	h ID: BS	101798	F	RunNo: 10	01798						
Prep Date:	Analysis [Date: 12	/13/2023	5	SeqNo: 3752249			Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	ND	0.025										
Toluene	ND	0.050										
Ethylbenzene	ND	0.050										
Xylenes, Total	ND	0.10										
Surr: 4-Bromofluorobenzene	1.0		1.000		101	39.1	146					

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Environment Testin

Eurofins Environment Testing South Central, LLC 4901 Hawkins NE

Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Sample Log-In Check List

Released to Imaging: 2/27/2025 9:23:47 AM

Client Name: Ensolum Ll	LC	Work Order Number	er: 2312731		RcptNo:	1
Received By: Tracy Cas	arrubias	12/13/2023 7:50:00	ΑM			
Completed By: Tracy Cas		12/13/2023 8:35:50				
	113/23					
Chain of Custody						
1. Is Chain of Custody comp	lete?		Yes 🗌	No 🗹	Not Present	
2. How was the sample deliv	vered?		Courier			
Log In 3. Was an attempt made to o	cool the samples?		Yes 🗹	No 🗆	na 🗆	
4. Were all samples received	l at a temperature	of >0° C to 6.0°C	Yes 🗹	No 🗆	na 🗆	
5. Sample(s) in proper conta	iner(s)?		Yes 🗹	No 🗌		
6. Sufficient sample volume	for indicated test(s	?	Yes 🗹	No 🗆		
7. Are samples (except VOA	and ONG) properl	y preserved?	Yes 🗹	No 📙		
8. Was preservative added to	o bottles?		Yes 🗌	No 🗹	na 🗌	
9. Received at least 1 vial wi	th headspace <1/4	" for AQ VOA?	Yes 🗌	No 🗆	NA 🗹	
10. Were any sample contain	ers received broke	n?	Yes	No 🗹	# of preserved bottles checked	
11. Does paperwork match bo (Note discrepancies on ch			Yes 🗸	No 🗆	for pH:	>12 unless noted)
12. Are matrices correctly ide		Custody?	Yes 🗹	No 🗆	Adjusted?	
13. Is it clear what analyses w	ere requested?		Yes 🗹	No 🗆		11000
14. Were all holding times abl (If no, notify customer for			Yes 🗹	No 🗌	Checked by:	m m
Special Handling (if ap	plicable)					
15. Was client notified of all of	discrepancies with	this order?	Yes 🗌	No 🗌	NA 🗹	
Person Notified:		Date:				
By Whom:	*	Via:	eMail [] Phone 🗌 Fax	☐ In Person	
Regarding:						
Client Instructions:	City,state, and zi	p code on mailing addr	ess and clients	date and time of	relinquishment ar	
16. Additional remarks:			-			
Date and time of cl	ient's relinquish sig	nature does not match	drivers			
17. Cooler Information						

5.5

Good

Yes

Yogi

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Page 1	

Received by OCD: 7/12/2024 8:23:30 AM Chain-of-Custody Record	Turn-Around Time:	Page 61 of 147
Client: Ensolum, LLC	□ Standard \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	ANALYSIS LABORATORY
	Project Name: (V/MIF-V 4E) Trunk((Off 174)	www.hallenvironmental.com
Mailing Address: 601 N. Marienfeld St. Suite 400	· .	4901 Hawkins NE - Albuquerque, NM 87109
	Project #:	Tel. 505-345-3975 Fax 505-345-4107
Phone #: 214-733-3165	03B127632[Analysis Request
ا ق ا	Project Manager: Kelly Lowery	OS.
QA/QC Package:		bO⁴¹ DSIWS CB.≅
Δ2 Cor	Sampler SK	280 (1.)\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
<u>:</u>	On ice: 🖾 Yes 🖸 No	08/26/08/26/08/26/26/26/26/26/26/26/26/26/26/26/26/26/
□ EDD (Type)	# of Coolers: 1	o(GF) sylo sylo sylo (A) (A)
	Cooler Temp(ideluding CF): 5.4 + 0.1 > 5.5.	15D estid y 83 3r, 3r,
i	Container Preservative HEAL No.	EDB (N 18081 PG 18081 PG 1808 (N 1808 (N 1808 (N 1808 (N 1808 (N
Date Time Matrix Sample Name Deput		3 3 3 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5
) 2007		
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	ware chales	Email: tjlong@epord.com Li Enterprise Field Services, LLC
Re	Received by: Via: counce Date Time	
(18/28/0100 CANANA	to tarisfits	Paykey/AFE/NonAFE> NT> 48

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



Eurofins Environment Testing South Central, LLC 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

January 30, 2024

Kelly Lowery Ensolum LLC 601 Marrenfield #400 Midland, TX 79701 TEL: (214) 733-3165

FAX:

RE: Trunk CCWMH V4E Trunk 109171 OrderNo.: 2401924

Dear Kelly Lowery:

Eurofins Environment Testing South Central, LLC received 7 sample(s) on 1/24/2024 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 1/30/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Ensolum LLC Client Sample ID: FS01

 Project:
 Trunk CCWMH V4E Trunk 109171
 Collection Date: 1/22/2024 9:36:00 AM

 Lab ID:
 2401924-001
 Matrix: MEOH (SOIL)
 Received Date: 1/24/2024 7:15:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: JKU
Diesel Range Organics (DRO)	ND	8.9	mg/Kg	1	1/24/2024 11:38:22 AM
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	1/24/2024 11:38:22 AM
Surr: DNOP	89.5	69-147	%Rec	1	1/24/2024 11:38:22 AM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP
Gasoline Range Organics (GRO)	ND	3.4	mg/Kg	1	1/24/2024 1:07:40 PM
Surr: BFB	105	15-244	%Rec	1	1/24/2024 1:07:40 PM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.017	mg/Kg	1	1/24/2024 1:07:40 PM
Toluene	ND	0.034	mg/Kg	1	1/24/2024 1:07:40 PM
Ethylbenzene	ND	0.034	mg/Kg	1	1/24/2024 1:07:40 PM
Xylenes, Total	ND	0.068	mg/Kg	1	1/24/2024 1:07:40 PM
Surr: 4-Bromofluorobenzene	90.1	39.1-146	%Rec	1	1/24/2024 1:07:40 PM
EPA METHOD 300.0: ANIONS					Analyst: SNS
Chloride	91	60	mg/Kg	20	1/24/2024 12:41:25 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 12

Date Reported: 1/30/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Ensolum LLC Client Sample ID: FS02

 Project:
 Trunk CCWMH V4E Trunk 109171
 Collection Date: 1/22/2024 9:50:00 AM

 Lab ID:
 2401924-002
 Matrix: MEOH (SOIL)
 Received Date: 1/24/2024 7:15:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analyst: JKU
Diesel Range Organics (DRO)	ND	8.8	mg/Kg	1	1/24/2024 11:50:19 AM
Motor Oil Range Organics (MRO)	ND	44	mg/Kg	1	1/24/2024 11:50:19 AM
Surr: DNOP	88.8	69-147	%Rec	1	1/24/2024 11:50:19 AM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP
Gasoline Range Organics (GRO)	3.3	3.3	mg/Kg	1	1/24/2024 1:31:28 PM
Surr: BFB	133	15-244	%Rec	1	1/24/2024 1:31:28 PM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.017	mg/Kg	1	1/24/2024 1:31:28 PM
Toluene	ND	0.033	mg/Kg	1	1/24/2024 1:31:28 PM
Ethylbenzene	ND	0.033	mg/Kg	1	1/24/2024 1:31:28 PM
Xylenes, Total	0.18	0.066	mg/Kg	1	1/24/2024 1:31:28 PM
Surr: 4-Bromofluorobenzene	93.9	39.1-146	%Rec	1	1/24/2024 1:31:28 PM
EPA METHOD 300.0: ANIONS					Analyst: SNS
Chloride	66	60	mg/Kg	20	1/24/2024 1:26:50 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 12

Date Reported: 1/30/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Ensolum LLC Client Sample ID: SW01

 Project:
 Trunk CCWMH V4E Trunk 109171
 Collection Date: 1/22/2024 9:34:00 AM

 Lab ID:
 2401924-003
 Matrix: MEOH (SOIL)
 Received Date: 1/24/2024 7:15:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: JKU
Diesel Range Organics (DRO)	ND	8.9	mg/Kg	1	1/24/2024 12:02:20 PM
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	1/24/2024 12:02:20 PM
Surr: DNOP	88.0	69-147	%Rec	1	1/24/2024 12:02:20 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP
Gasoline Range Organics (GRO)	ND	3.7	mg/Kg	1	1/24/2024 1:55:16 PM
Surr: BFB	107	15-244	%Rec	1	1/24/2024 1:55:16 PM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.018	mg/Kg	1	1/24/2024 1:55:16 PM
Toluene	ND	0.037	mg/Kg	1	1/24/2024 1:55:16 PM
Ethylbenzene	ND	0.037	mg/Kg	1	1/24/2024 1:55:16 PM
Xylenes, Total	ND	0.073	mg/Kg	1	1/24/2024 1:55:16 PM
Surr: 4-Bromofluorobenzene	91.6	39.1-146	%Rec	1	1/24/2024 1:55:16 PM
EPA METHOD 300.0: ANIONS					Analyst: SNS
Chloride	ND	60	mg/Kg	20	1/24/2024 1:41:59 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 3 of 12

Date Reported: 1/30/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Ensolum LLC Client Sample ID: SW02

 Project:
 Trunk CCWMH V4E Trunk 109171
 Collection Date: 1/22/2024 9:41:00 AM

 Lab ID:
 2401924-004
 Matrix: MEOH (SOIL)
 Received Date: 1/24/2024 7:15:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: JKU
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	1/24/2024 12:14:18 PM
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	1/24/2024 12:14:18 PM
Surr: DNOP	91.6	69-147	%Rec	1	1/24/2024 12:14:18 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.0	mg/Kg	1	1/24/2024 2:19:02 PM
Surr: BFB	106	15-244	%Rec	1	1/24/2024 2:19:02 PM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.020	mg/Kg	1	1/24/2024 2:19:02 PM
Toluene	ND	0.040	mg/Kg	1	1/24/2024 2:19:02 PM
Ethylbenzene	ND	0.040	mg/Kg	1	1/24/2024 2:19:02 PM
Xylenes, Total	ND	0.080	mg/Kg	1	1/24/2024 2:19:02 PM
Surr: 4-Bromofluorobenzene	89.3	39.1-146	%Rec	1	1/24/2024 2:19:02 PM
EPA METHOD 300.0: ANIONS					Analyst: SNS
Chloride	ND	60	mg/Kg	20	1/24/2024 1:57:08 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 4 of 12

Date Reported: 1/30/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Ensolum LLC Client Sample ID: SW03

 Project:
 Trunk CCWMH V4E Trunk 109171
 Collection Date: 1/22/2024 9:53:00 AM

 Lab ID:
 2401924-005
 Matrix: MEOH (SOIL)
 Received Date: 1/24/2024 7:15:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR				Analyst: JKU	
Diesel Range Organics (DRO)	ND	9.1	mg/Kg	1	1/24/2024 12:26:17 PM
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	1/24/2024 12:26:17 PM
Surr: DNOP	90.7	69-147	%Rec	1	1/24/2024 12:26:17 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP
Gasoline Range Organics (GRO)	ND	3.0	mg/Kg	1	1/24/2024 2:42:46 PM
Surr: BFB	98.4	15-244	%Rec	1	1/24/2024 2:42:46 PM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.015	mg/Kg	1	1/24/2024 2:42:46 PM
Toluene	ND	0.030	mg/Kg	1	1/24/2024 2:42:46 PM
Ethylbenzene	ND	0.030	mg/Kg	1	1/24/2024 2:42:46 PM
Xylenes, Total	ND	0.060	mg/Kg	1	1/24/2024 2:42:46 PM
Surr: 4-Bromofluorobenzene	87.0	39.1-146	%Rec	1	1/24/2024 2:42:46 PM
EPA METHOD 300.0: ANIONS					Analyst: SNS
Chloride	ND	60	mg/Kg	20	1/24/2024 2:12:17 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 5 of 12

Date Reported: 1/30/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Ensolum LLC Client Sample ID: SW04

 Project:
 Trunk CCWMH V4E Trunk 109171
 Collection Date: 1/22/2024 9:55:00 AM

 Lab ID:
 2401924-006
 Matrix: MEOH (SOIL)
 Received Date: 1/24/2024 7:15:00 AM

Analyses	Result	RL (Qual 1	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst: JKU
Diesel Range Organics (DRO)	29	9.6		mg/Kg	1	1/24/2024 12:38:23 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	1/24/2024 12:38:23 PM
Surr: DNOP	88.6	69-147		%Rec	1	1/24/2024 12:38:23 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	160	15		mg/Kg	5	1/25/2024 1:25:36 AM
Surr: BFB	274	15-244	S	%Rec	5	1/25/2024 1:25:36 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.077		mg/Kg	5	1/25/2024 1:25:36 AM
Toluene	1.9	0.15		mg/Kg	5	1/25/2024 1:25:36 AM
Ethylbenzene	0.82	0.15		mg/Kg	5	1/25/2024 1:25:36 AM
Xylenes, Total	6.8	0.31		mg/Kg	5	1/25/2024 1:25:36 AM
Surr: 4-Bromofluorobenzene	99.1	39.1-146		%Rec	5	1/25/2024 1:25:36 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	ND	60		mg/Kg	20	1/24/2024 2:27:26 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 6 of 12

Date Reported: 1/30/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Ensolum LLC Client Sample ID: Stock

 Project:
 Trunk CCWMH V4E Trunk 109171
 Collection Date: 1/22/2024 11:14:00 AM

 Lab ID:
 2401924-007
 Matrix: MEOH (SOIL)
 Received Date: 1/24/2024 7:15:00 AM

Analyses	Result	RL (Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst: JKU
Diesel Range Organics (DRO)	21	9.7		mg/Kg	1	1/24/2024 12:50:31 PM
Motor Oil Range Organics (MRO)	61	49		mg/Kg	1	1/24/2024 12:50:31 PM
Surr: DNOP	90.8	69-147		%Rec	1	1/24/2024 12:50:31 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	54	3.2		mg/Kg	1	1/25/2024 1:49:25 AM
Surr: BFB	439	15-244	S	%Rec	1	1/25/2024 1:49:25 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	0.087	0.016		mg/Kg	1	1/25/2024 1:49:25 AM
Toluene	1.2	0.032		mg/Kg	1	1/25/2024 1:49:25 AM
Ethylbenzene	0.34	0.032		mg/Kg	1	1/25/2024 1:49:25 AM
Xylenes, Total	3.0	0.065		mg/Kg	1	1/25/2024 1:49:25 AM
Surr: 4-Bromofluorobenzene	109	39.1-146		%Rec	1	1/25/2024 1:49:25 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	68	60		mg/Kg	20	1/24/2024 2:42:35 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 7 of 12

Hall Environmental Analysis Laboratory, Inc.

WO#: 2401924 30-Jan-24

Client: Ensolum LLC

Project: Trunk CCWMH V4E Trunk 109171

Sample ID: MB-80070 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 80070 RunNo: 102655

Prep Date: 1/24/2024 Analysis Date: 1/24/2024 SeqNo: 3793184 Units: mg/Kg

Analyte PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual Result LowLimit

Chloride ND 1.5

Sample ID: LCS-80070 SampType: LCS TestCode: EPA Method 300.0: Anions

LCSS Batch ID: 80070 Client ID: RunNo: 102655

Prep Date: 1/24/2024 Analysis Date: 1/24/2024 SeqNo: 3793185 Units: mg/Kg

SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte LowLimit HighLimit Qual

110 Chloride 15.00 95.1

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 8 of 12

Hall Environmental Analysis Laboratory, Inc.

WO#: **2401924** *30-Jan-24*

Client: Ensolum LLC

Project: Trunk CCWMH V4E Trunk 109171

Trunk CC	VVIVIII VAL IIU	IIIK 107171							
Sample ID: MB-80061	SampType: N	IBLK	Tes	stCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch ID: 8	0061	ı	RunNo: 10	02657				
Prep Date: 1/24/2024	Analysis Date:	1/24/2024	;	SeqNo: 37	792423	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND 10)							
Motor Oil Range Organics (MRO)	ND 50			00.4	00	4.47			
Surr: DNOP	9.0	10.00		90.1	69	147			
Sample ID: LCS-80061	SampType: L	cs	Tes	stCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch ID: 8	0061	RunNo: 102657						
Prep Date: 1/24/2024	Analysis Date:	1/24/2024	;	SeqNo: 37	792424	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	42 10	50.00	0	84.3	61.9	130			
Surr: DNOP	4.3	5.000		85.7	69	147			
Sample ID: 2401924-001AMS	SampType: N	Type: MS TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: FS01	Batch ID: 8	0061	ı	RunNo: 10	02657				
Prep Date: 1/24/2024	Analysis Date:	/24/2024	;	SeqNo: 37	792437	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	34 9.5	47.30	0	72.2	54.2	135			
Surr: DNOP	4.1	4.730		87.3	69	147			
Sample ID: 2401924-001AMSD	SampType: N	ISD	Tes	stCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: FS01	Batch ID: 8	0061	ſ	RunNo: 10	02657				
Prep Date: 1/24/2024	Analysis Date:	/24/2024	;	SeqNo: 37	792438	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40 9.3	3 46.43	0	86.7	54.2	135	16.4	29.2	
Surr: DNOP	4.0	4.643		86.1	69	147	0	0	
Sample ID: MB-80076	SampType: N	IBLK	Tes	stCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch ID: 8	0076	I	RunNo: 10	2657				
Prep Date: 1/24/2024	Analysis Date:	1/24/2024	;	SeqNo: 37	793415	Units: %Rec	:		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.5	10.00		84.6	69	147			
Sample ID: LCS-80076	SampType: L	CS CS	Tes	stCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch ID: 8	0076	į	RunNo: 1(02657		J	-	
Prep Date: 1/24/2024	Analysis Date:	1/24/2024	;	SeqNo: 37	793416	Units: %Rec	;		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2401924** *30-Jan-24*

Client: Ensolum LLC

Project: Trunk CCWMH V4E Trunk 109171

Sample ID: LCS-80076 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 80076 RunNo: 102657

Prep Date: 1/24/2024 Analysis Date: 1/24/2024 SeqNo: 3793416 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: DNOP 4.4 5.000 88.4 69 147

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2401924

30-Jan-24

Client: Ensolum LLC

Project: Trunk CCWMH V4E Trunk 109171

Sample ID: 2.5ug gro lcs	Samp	Гуре: LC :	S	Tes	tCode: EF	PA Method	8015D: Gaso	line Range	!	
Client ID: LCSS	Batcl	h ID: GS	102647	F	RunNo: 10	02647				
Prep Date:	Analysis [Date: 1/2	24/2024	5	SeqNo: 37	792240	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	93.2	70	130			
Surr: BFB	2100		1000		214	15	244			
Sample ID: mh	Samn	Tyne: MP	ı K	Tes	tCode: FF	PA Method	8015D: Gaso	line Range		

Sample ID: mb	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8015D: Gasol	ine Range		
Client ID: PBS	Batch	ID: GS	102647	F	RunNo: 1 (02647				
Prep Date:	Analysis D	ate: 1/2	24/2024	5	SeqNo: 37	792241	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0					•			

Gasoline	Range	Organics	(GRO)

ND	5.0
990	

1000

99.1

15

Surr: BFB

244

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2401924** *30-Jan-24*

Client: Ensolum LLC

Project: Trunk CCWMH V4E Trunk 109171

Sample ID: 100ng btex Ics	Samp	Гуре: LC	S	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: LCSS	Batc	h ID: BS	102647	F	RunNo: 10	02647				
Prep Date:	Analysis [Date: 1/2	24/2024	5	SeqNo: 37	792243	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	90.9	70	130			
Toluene	0.91	0.050	1.000	0	91.2	70	130			
Ethylbenzene	0.92	0.050	1.000	0	92.2	70	130			
Xylenes, Total	2.8	0.10	3.000	0	92.8	70	130			
Surr: 4-Bromofluorobenzene	0.91		1.000		91.2	39.1	146			

Sample ID: mb	Samp ⁻	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volati	iles		
Client ID: PBS	Batc	h ID: BS	102647	F	RunNo: 10	02647				
Prep Date:	Analysis [Date: 1/	24/2024		SeqNo: 3	792244	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.89		1.000		89.0	39.1	146			

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Environment Testin

Eurofins Environment Testing South Central, LLC 4901 Hawkins NE

Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

Released to Imaging: 2/27/2025 9:23:47 AM

Client Name: Ensolum LLC Work	Order Number: 2401924		RcptNo: 1	
Received By: Tracy Casarrubias 1/24/20	24 7:15:00 AM			
Completed By: Tracy Casarrubias 1/24/20	24 8:03:41 AM			
Reviewed By: CMC 1/24/	24			
Chain of Custody				
1. Is Chain of Custody complete?	Yes	No 🗹	Not Present	
2. How was the sample delivered?	Courier			
<u>Log In</u>				
3. Was an attempt made to cool the samples?	Yes 🗹	No 🗌	NA 🗔	
4. Were all samples received at a temperature of >0° C	to 6.0°C Yes ✓	No 🗌	na 🗌	
5. Sample(s) in proper container(s)?	Yes 🗸	No 🗌		
6. Sufficient sample volume for indicated test(s)?	Yes 🗹	No 🗌		
7. Are samples (except VOA and ONG) properly preserve	ed? Yes 🗹	No 🗌		
8. Was preservative added to bottles?	Yes	No 🗹	NA 🗆	
9. Received at least 1 vial with headspace <1/4" for AQ \	∕OA? Yes □	No 🗌	NA 🛂	
10. Were any sample containers received broken?	Yes	No 🗹	# of preserved	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes 🗸	No 🗆	bottles checked for pH: <2 or >12 ur	aless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes 🗹	No 🗌	Adjusted?	
13. Is it clear what analyses were requested?	Yes 🔽	No 📙	and Lacom	1/24/
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes 🗹	No 📙	Checked by	1/21/
Special Handling (if applicable)			·	
15. Was client notified of all discrepancies with this order?	Yes 🗌	No 🗌	NA 🗹	
Person Notified:	Date:			
By Whom:	Via: eMail	Phone Fax	In Person	
Regarding:				
Client Instructions: Full mailing address is miss	sing on COC- TMC 1/24/24			
16. Additional remarks:				
17. Cooler Information		a		
Cooler No Temp °C Condition Seal Intact	Seal No Seal Date	Signed By		
1 0.8 Good Yes	Yogi			

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Received by OCD: 7/12/2024 8:23:30 4 Record	Turn-Around Time:	me:		A LALL GRAVED CHARACTER	Page 76 of 147
Client: Ensolum, LLC	□ Standard	d Rush 24hours		ANALYSIS LABORAT	ORY
	Project Name:			ents	
Mailing Address: 601 N. Marienfeld St. Suite 400	Frank C	(WMH-V4E)Trunk COM	(291) 4901 Hawkins NE	wkins NE - Albuquerque, NM 87109	
	Project #:		Tel. 505	Tel. 505-345-3975 Fax 505-345-4107	
Phone #: 214-733-3165	Ø38/226.	(35)		Analysis Request	
email or Fax#: klowery@ensolum.com	Project Manager	er: Kelly Lowery	(0:		
QA/QC Package: ☑\Standard □ Level 4 (Full Validation)			RM \ O		
Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other		X Yes and	3O \ DE	or 827 3, NO ₂ (AC	
□ EDD (Type)	# of Coolers:		19)C	310 etal NO:	
	Cooler Temp (including CF)	MONTH OF 10 1 = 0.8.	191	8 M 8r, VOA	
Date Time Matrix Sample Name Depth	Container P	Preservative HEAL No.	(ХЭТВ) О8(НЧ)Г Ч 1808	PAHs I RCRA (G) F, 1 8260 (7 8270 (3	
1122/4 936 50:1 FS B) 14		ice 001	X	×	
1 950 1 15 02 14		200			
43-0 10ms 146p) //	003			
41-6 50WZ 146	(7	000			
1 SWOS) /	000			
41-0 40 MS 1 555 1	1 1	700	~		
1744 1114 Soil Stock.	Jer 1	ice 007	××	X	
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	1				
	+				1
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Time: Relinquished by:	Received by:	Via: Date Time	Remarks: B	Bill to: Tom Long	
1834 1045 Medianuished but	Characa	Mary 1045	и ш	Entail: ylorig@eporu.com Enterprise Field Services, LLC	
		1/20/24	/1	1848/1	
10 V (10) W (10) I I I I I I I I I I I I I I I I I I	uhedracted to other age	dited laboratories.		data will	port.

If necessary, samples submitted to Hall Environmental may be subscrittacted to other secredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



January 30, 2024

KELLY LOWERY

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: TRUNK C (WMH - V4E) TRUNK (109171)

Enclosed are the results of analyses for samples received by the laboratory on 01/29/24 15:55.

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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 01/29/2024 Reported: 01/30/2024

Project Name: TRUNK C (WMH - V4E) TRUNK (109171)

Project Number: 03B1226321

Project Location: EDDY COUNTY, NM

Sampling Date: 01/29/2024

Sampling Type: Soil

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

Sample ID: SW 04 0'-14' (H240395-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/29/2024	ND	1.85	92.6	2.00	7.25	
Toluene*	<0.050	0.050	01/29/2024	ND	1.96	97.9	2.00	6.36	
Ethylbenzene*	<0.050	0.050	01/29/2024	ND	1.96	97.8	2.00	6.18	
Total Xylenes*	<0.150	0.150	01/29/2024	ND	5.92	98.6	6.00	6.47	
Total BTEX	<0.300	0.300	01/29/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/30/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	49.2	10.0	01/30/2024	ND	203	101	200	13.5	
DRO >C10-C28*	61.5	10.0	01/30/2024	ND	203	102	200	4.70	
EXT DRO >C28-C36	64.3	10.0	01/30/2024	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.3	% 49.1-14	8						

A I J D. ... 711

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

ENSOLUM, LLC **KELLY LOWERY** 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 01/29/2024 Reported:

01/30/2024 TRUNK C (WMH - V4E) TRUNK (109171)

Project Name: Project Number: 03B1226321

Project Location: EDDY COUNTY, NM Sampling Date: 01/29/2024

Sampling Type: Soil

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

Sample ID: FS 03 14' (H240395-02)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	4.21	1.00	01/30/2024	ND	1.85	92.6	2.00	7.25	GC-NC1
Toluene*	36.1	1.00	01/30/2024	ND	1.96	97.9	2.00	6.36	
Ethylbenzene*	11.7	1.00	01/30/2024	ND	1.96	97.8	2.00	6.18	
Total Xylenes*	88.8	3.00	01/30/2024	ND	5.92	98.6	6.00	6.47	
Total BTEX	141	6.00	01/30/2024	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/30/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2600	10.0	01/30/2024	ND	203	101	200	13.5	
DRO >C10-C28*	225	10.0	01/30/2024	ND	203	102	200	4.70	
EXT DRO >C28-C36	131	10.0	01/30/2024	ND					
Surrogate: 1-Chlorooctane	110	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.8	% 49.1-14	8						

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Celey D. Keene



Notes and Definitions

GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with

interfering compounds.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 F	(575) 393-2326 FAX (575) 393-2476		
Company Name: Ensolum, LLC		BILL TO	ANALYSIS REQUEST
Project Manager: Selly LOWLY	x	P.O. #:	
Address: 601 N Marienfeld Street, Suite 400	uite 400	Robert Dungway	
City: Midland	State: TX Zip: 79701		
Phone #: 214-777-7165	Fax #:	Address:	
P38122632	Project Owner:	City:	
(MMH-U4E/Trunk (log/71)	State: Zip:	
Project Location: Eddy (BUNLY	MN	#	
	,	Fax #:	00
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	1 B
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER: ACID/BASE: JCE / COOL OTHER: DATE	BTEX 802 TPH 8019 Chierides 4
tham?	×	X 1/29/24 8	XXX
a F503	- X	X 1/28/24 0835	× × ×
NAR /			
_			
	522	/	
PLEASE NOTE: Liability and Damages. Cardinat's liability and or analyses. All claims including those for negligence and any office service. In no event shall Cardinal be liable for incidental or con affiliates or successors arising out of or related to the performan	PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client lower 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 applications and the state of the properties of the	not or tort, shall be limited to the amount paid by the client to and received by Cardinal within 30 days after completion of train s, loss of use, or foss of profits incurred by client, its subsidiation in is based upon any of the above staffed reasons or otherwise.	es.
ned	Pate: A Received By:	Verbal Result: All Results are	Verbal Result: ☐ Yes ☒ No
Mill miller	Time: 1586 O TOM	M/ M/ Flower	CA O GUZDAM (ON)
Relinquished By:	Date: Received By:	REMARKS	+ 42
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. (Corrected Temp. Corrected Temp	CHECKED BY:	Turnaround Time: Standard Bacteria (anly) Sample Condition Rush Cool Intagt Observed Temp. °C Thermometer ID -#413 No Corrected Temp. °C
	-		L NC L NO



February 29, 2024

KELLY LOWERY
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: TRUNK C (WMH-V4E) TRUNK (109171)

Enclosed are the results of analyses for samples received by the laboratory on 02/26/24 14:33.

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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM KELLY LOWERY 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/26/2024 Sampling Date: 02/26/2024

Reported: 02/29/2024 Sampling Type: Soil

Project Name: TRUNK C (WMH-V4E) TRUNK (109171) Sampling Condition: Cool & Intact
Project Number: 03B122G321 Sample Received By: Dionica Hinojos

Applyand By 14

Project Location: EDDY COUNTY, NM

Sample ID: SW04 0 - 18' (H240922-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	113	2.00	2.18	
Toluene*	<0.050	0.050	02/28/2024	ND	2.25	112	2.00	1.79	
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.21	111	2.00	1.84	
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.67	111	6.00	1.39	
Total BTEX	<0.300	0.300	02/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/28/2024	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	188	93.8	200	0.694	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	186	93.2	200	4.38	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					
Surrogate: 1-Chlorooctane	81.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.7	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

ENSOLUM KELLY LOWERY 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/26/2024 Reported:

02/29/2024 TRUNK C (WMH-V4E) TRUNK (109171)

Project Name: Project Number: 03B122G321

Project Location: EDDY COUNTY, NM Sampling Date: 02/26/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

Sample ID: FS03 18' (H240922-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	113	2.00	2.18	
Toluene*	<0.050	0.050	02/28/2024	ND	2.25	112	2.00	1.79	
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.21	111	2.00	1.84	
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.67	111	6.00	1.39	
Total BTEX	<0.300	0.300	02/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/28/2024	ND	448	112	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	188	93.8	200	0.694	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	186	93.2	200	4.38	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					
Surrogate: 1-Chlorooctane	80.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.7	% 49.1-14	8						

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Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



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	ANAL	ANALYSIS REQUEST
Project Manager: Kelly Lowery		P.O. #:		
Address: 601 N. Marienfeld St. STE 400		Company:		
land State: TX	Zip: 79701	AHG:		
Phone #: 214-733-3165	Email: klowery@ensolum.com	Address:		
Project #: 03 1312 2 6 321 Pro	Project Owner:	City:		
WMH-V4E) Trui	109171)	State: Zip:		
Project Location: Eddy County		*		
Sampler Name				
CORTARISE ONLY		Email:		
TURN LINE USE CARLY	MATRIX	PRESERV. SAMPLING		
Harrona	RS TER		×	
Sample I.D.	(G)RAB OR (C) # CONTAINER GROUNDWAT WASTEWATE SOIL DIL SLUDGE	OTHER: ACID/BASE: CEDCOOL OTHER: DATE	BIET TPG chlore	
Swort	-		X X X X 25/1	
E 53	18 C1 X	8 2/24/2	N Y X	
PLEASE NOTE: Liability and Damague. Cardinat's liability and client's exclusive n	ages. Caudhai's labilly and oleat's esclusive remely for any claim afrieig whether based in contract or tord, shall be limited to be annoted and ha the dead for the second and has the dead for the second and has the dead for the second and has the dead for the second and has the dead for the second and has the dead for the second and has the dead for the second and the second an	of out by the effect for the speakener		
All claims including those for negligence and any other cause whatspeve in no event shall Cardinal be liable for incidental or consequental damage affiliates or successors arising out of or related to the performance of servi	All claims including those for mpligance and any other ceases whatsoever shall be deemed valved unless made in writing and reached by Cardiella within 30 days affect completion of the applicable service in no event shall be able for incidental or consequented damages, including without limitation, business interruptions, lossed due, or loss of profits incurred by client, its subsidiaries, affected on successors arising out of or residence interruptions affected on the profit of the profi	an paid by the cean to the analyses. n 30 days after completion of the applicable so its incurred by client, its subsidiaries, y of the above stated reasons or otherwise.	avice.	
Relinquished By:	Time: 11:22		Verbal Result: ☐ Yes ☐ No ☐ Add'l Phol All Results are emailed. Please provide Email address:	Add'l Phone #:
Relinquished By:	Date: Received By:	RI	REMARKS: Paykey/AFE/NonAFE:	Profund max / colon-con
	Time:		- 54MMHZ	3481
Sampler - UPS - Bus - Other: Co	Observed Temp. °C 50 C Sample Condition Corrected Temp. °C 60 Cool Intact	CHECKED BY: Two	Turneround Time: Standard Bacteria (only) Sample Condition Riush Cool Infact Observed Temp. *C	ple Condition
3	#140 ON D NO	50	Thermometer ID -#173 OF Correction Factor-\$5.5°C DOG OF	□ Yes □ Yes □ No □ No Corrected Temp. "C



April 17, 2024

KELLY LOWERY

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: TRUNK C (WMH - V4E) TRUNK (109171)

Enclosed are the results of analyses for samples received by the laboratory on 04/15/24 15:35.

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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/15/2024 Reported: 04/17/2024

Project Name: TRUNK C (WMH - V4E) TRUNK (109171)

Project Number: 03B1226321

Project Location: 32.194082, -103.923084

Sampling Date: 04/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: FS 04 5 (H241972-09)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2024	ND	2.09	105	2.00	1.36	
Toluene*	0.090	0.050	04/15/2024	ND	2.26	113	2.00	1.39	
Ethylbenzene*	<0.050	0.050	04/15/2024	ND	2.29	115	2.00	2.61	
Total Xylenes*	0.249	0.150	04/15/2024	ND	6.84	114	6.00	2.25	
Total BTEX	0.339	0.300	04/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/16/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2024	ND	181	90.3	200	0.802	
DRO >C10-C28*	13.7	10.0	04/16/2024	ND	171	85.4	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	04/16/2024	ND					
Surrogate: 1-Chlorooctane	87.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.5	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/15/2024 Reported: 04/17/2024

04/17/2024 TRUNK C (WMH - V4E) TRUNK (109171)

Project Name: TRUNK C (W Project Number: 03B1226321

Project Location: 32.194082, -103.923084

Sampling Date: 04/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: FS 05 12 (H241972-10)

BTEX 8021B	mg	/kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2024	ND	2.09	105	2.00	1.36	GC-NC
Toluene*	2.11	0.050	04/15/2024	ND	2.26	113	2.00	1.39	
Ethylbenzene*	1.82	0.050	04/15/2024	ND	2.29	115	2.00	2.61	
Total Xylenes*	21.3	0.150	04/15/2024	ND	6.84	114	6.00	2.25	
Total BTEX	25.3	0.300	04/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	164	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/16/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	368	10.0	04/16/2024	ND	181	90.3	200	0.802	
DRO >C10-C28*	85.6	10.0	04/16/2024	ND	171	85.4	200	3.13	
EXT DRO >C28-C36	53.2	10.0	04/16/2024	ND					
Surrogate: 1-Chlorooctane	131	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.5	% 49.1-14	8						

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Celeg & Freene



Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/15/2024 Reported: 04/17/2024

TRUNK C (WMH - V4E) TRUNK (109171)

Project Name: TRUNK C (W Project Number: 03B1226321

Project Location: 32.194082, -103.923084

Sampling Date: 04/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW 05 0-5 (H241972-11)

BTEX 8021B

DIEX 8021B	ilig	, kg	Allalyze	u by. Jn					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2024	ND	2.09	105	2.00	1.36	
Toluene*	0.100	0.050	04/15/2024	ND	2.26	113	2.00	1.39	
Ethylbenzene*	<0.050	0.050	04/15/2024	ND	2.29	115	2.00	2.61	
Total Xylenes*	0.319	0.150	04/15/2024	ND	6.84	114	6.00	2.25	
Total BTEX	0.419	0.300	04/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	127	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/16/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2024	ND	181	90.3	200	0.802	
DRO >C10-C28*	20.8	10.0	04/16/2024	ND	171	85.4	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	04/16/2024	ND					
Surrogate: 1-Chlorooctane	85.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.6	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/15/2024 Reported: 04/17/2024

TRUNK C (WMH - V4E) TRUNK (109171)

Project Number: 03B1226321
Project Location: 32.194082, -103.923084

Sampling Date: 04/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW 06 0-6 (H241972-12)

Project Name:

BTEX 8021B	mg	/kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2024	ND	2.09	105	2.00	1.36	
Toluene*	0.844	0.050	04/15/2024	ND	2.26	113	2.00	1.39	
Ethylbenzene*	0.414	0.050	04/15/2024	ND	2.29	115	2.00	2.61	
Total Xylenes*	3.12	0.150	04/15/2024	ND	6.84	114	6.00	2.25	
Total BTEX	4.38	0.300	04/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	135	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/16/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	49.0	10.0	04/16/2024	ND	181	90.3	200	0.802	
DRO >C10-C28*	38.5	10.0	04/16/2024	ND	171	85.4	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	04/16/2024	ND					
Surrogate: 1-Chlorooctane	92.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.6	% 49.1-14	8						

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Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/15/2024 Sai Reported: 04/17/2024 Sai

Project Name: TRUNK C (WMH - V4E) TRUNK (109171)

Project Number: 03B1226321

Project Location: 32.194082, -103.923084

Sampling Date: 04/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW 07 0-12 (H241972-13)

BTEX 8021B	mg	/kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2024	ND	2.09	105	2.00	1.36	GC-NC
Toluene*	1.05	0.050	04/15/2024	ND	2.26	113	2.00	1.39	
Ethylbenzene*	0.908	0.050	04/15/2024	ND	2.29	115	2.00	2.61	
Total Xylenes*	11.3	0.150	04/15/2024	ND	6.84	114	6.00	2.25	
Total BTEX	13.3	0.300	04/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	149	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/16/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	156	10.0	04/16/2024	ND	181	90.3	200	0.802	
DRO >C10-C28*	56.2	10.0	04/16/2024	ND	171	85.4	200	3.13	
EXT DRO >C28-C36	45.1	10.0	04/16/2024	ND					
Surrogate: 1-Chlorooctane	110	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.3	% 49.1-14	8						

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Analytical Results For:

ENSOLUM, LLC **KELLY LOWERY** 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/15/2024 Reported:

04/17/2024 TRUNK C (WMH - V4E) TRUNK (109171)

Project Name: Project Number: 03B1226321

Project Location: 32.194082, -103.923084 Sampling Date: 04/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: SW 08 0-12 (H241972-14)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2024	ND	2.09	105	2.00	1.36	
Toluene*	<0.050	0.050	04/15/2024	ND	2.26	113	2.00	1.39	
Ethylbenzene*	<0.050	0.050	04/15/2024	ND	2.29	115	2.00	2.61	
Total Xylenes*	<0.150	0.150	04/15/2024	ND	6.84	114	6.00	2.25	
Total BTEX	<0.300	0.300	04/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 :	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/16/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2024	ND	181	90.3	200	0.802	
DRO >C10-C28*	<10.0	10.0	04/16/2024	ND	171	85.4	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	04/16/2024	ND					
Surrogate: 1-Chlorooctane	95.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.8	% 49.1-14	8						

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Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/15/2024 Reported: 04/17/2024

TRUNK C (WMH - V4E) TRUNK (109171)

Project Number: 03B1226321
Project Location: 32.194082, -103.923084

Sampling Date: 04/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW 09 0-12 (H241972-15)

Project Name:

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2024	ND	2.09	105	2.00	1.36	GC-NC
Toluene*	4.28	0.050	04/15/2024	ND	2.26	113	2.00	1.39	
Ethylbenzene*	0.615	0.050	04/15/2024	ND	2.29	115	2.00	2.61	
Total Xylenes*	6.22	0.150	04/15/2024	ND	6.84	114	6.00	2.25	
Total BTEX	11.1	0.300	04/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/16/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	54.6	10.0	04/16/2024	ND	181	90.3	200	0.802	
DRO >C10-C28*	16.9	10.0	04/16/2024	ND	171	85.4	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	04/16/2024	ND					
Surrogate: 1-Chlorooctane	97.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.5	% 49.1-14	8						

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Notes and Definitions

The control of this company is a heider and all limite days to consider the first of the control

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
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.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	(575) 393-2	(575) 393-2326 FAX (575) 393-2476	476													
Company Name: Ensolum, LLC	nsolum, LLC			BILL TO			4	ANALYSIS REQUEST	SIS RI	QUES	T					1
Project Manager: Kelly Lowery	elly Lowery			P.O. #:												
Address: 601 N. I	601 N. Marienfeld St. STE 400			Company: Later 77 150	250											
2	State: TX	Zip: 79701		11	Marson				_					_		
Phone #: 214-733-3165	-3165	Email: klo	Email: klowery@ensolum.com	Address:	`								_			
Project #: 03B1226321		Project Owner:		City:												
Project Name:Trun	Project Name:Trunk C (WMH-V4E) Trunk (109171)	(109171)		State: Zip:)									
Project Location: 3	Project Location: 32.194082, -103.923084			Phone #:			00									
Sampler Name: Kaoru Shimada	oru Shimada			Email:	1B	M										
FOR LAB USE ONLY			MATRIX	PRESERV. SAMPLING		15	_									
Lab I.D.	Sample I.D.	Sample Depth (feet)	RAB OR (C)OMP. DINTAINERS DUNDWATER STEWATER L IDGE	HER: D/BASE: /COOL HER:	BTEX 802	TPH 801	Chloride									
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4	475				1251	-	-			L	-	L	L			T
5	50 20				252	F	-		L	1	+		\perp			\dagger
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PLEASE NOTE: Liability and Dame All claims including those for n In no event shall Cardinal be lia	ages. Cárdinai's liability and clienti's exclu egiligence and any other cause whats tble for incidental or consequental da	ages. Cárdinat's liability and client's exclusive remedy for any claim arising whether based in co egiligence and any other cause whatsoever shall be deemed waived unless made in in the for incidental or consequental damages, including without limitation, business into	ntract of tort, writing and re erruptions, lo	ant paid by the dient for the analyses. In 30 days after completion of the applicable fits incurred by client, its subsidiaries, the shows above a select reasons or otherwise.	service.	`										_
Relinquished By:	elinquished By: Date: 15-20		Received By:		Verbal Result:	☐ Yes	No No	No Add'I Pho	Add'l Phone #: il address:	none #:						
haem	Smingal	Time:	Munara	aldate	klowery@ensolum.com					,						
Relinquished By:		Date:	Received By:	1	REMARKS: Paykey/AFE/NonAFE:	AFEN	nAFE:			4	14					
		Time:			you have	2			NB	NEDMS	81					
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	One)	Observed Temp. °C 3	3.8 Sample Condition	CHECKED BY: (Initials)	Turnaround Time: Standard	4	Bacteria (on Observed Temp. °C	Bacteria (only) Sample Condition ed Temp. *C	ple Condition	-						
			Tres Tres	fo	Thermometer ID #449	F	140			Yes Yes	10					
			No No	1	Correction Factor	9	fo. A	118/24		No No Corrected Temp. *C	о Соггес	ted Temp.	ď			

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

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

Observed Temp. °C 3

Cool Intact

· do CHECKED BY: (Initials)

B

N6348

Cool Intact

□ Yes □ Yes □ No

ted Temp. °C

FORM-006 R 3.2 10/07/21

Relinquished By:

Relinquished By: harmy

klowery@ensolum.com REMARKS: Paykey/AFE/NonAFE:

20 mg



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

STE 400 P.O. #: Company:		(575) 393-2326	(575) 393-2326 FAX (575) 393-2476					
STE 400 P.O. #: Company: Attn: Company:	Company Name: I	nsolum, LLC		BILL TO			ANALYSI	3 REQUEST
Attn: Aubact Disaster Email: klowery@ensolum.com Email: klowery@ensolum.com Attn: Aubact Disaster Attn: Aubact Disaster Attn: Aubact Disaster City: State: Zip: Phone #: O.9323084 MATRIX PRESERV. SAMPLING PRESERV. SAMPLING O.95 O.95 O.0 O.0 D.0 L. L. L. L. L. L. L. L. L. L. L. L. L.	Project Manager: P	(elly Lowery		P.O. #:				
Email: klowery@ensolum.com Address: Email: klowery@ensolum.com Address: City: State: Zip: Phone #: Email: Phone #: Email: Phone #: Phone #: PRESERV. SAMPLING OTHER: ACID/BASE: OTHER: ACID/BASE: OTHER: ACID/BASE: ACI	601 N	Marienfeld St. STE 400		3				
Email: klowery@ensolum.com Address: City: State: Zip: Phone #: Email: Phone #: PRESERV. SAMPLING OTHER: ACID/BASE: OTHER: ACID/BASE: ACID/	Address: Oct 15.	State: TX Zip:	79701	Attn: Popert Dynamer	_			
Depth Depth MATRIX WASTEWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACIO/BASE: ACIO/BASE: ACIO/BASE: ACIO/BASE: TOTHER: ACIO/BASE: - 1 3			Address:	_				
State: Zip: Depth Depth Phone			ct Owner:	City:	_			
Phone # C (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER ACID/BASE: ACID/BASE: ACID/BASE: TOTHER: DATE TIME BTEX 8021B TPH 8015M TPH 8015M			474)		_		_	
Sample Depth (G)OMP. (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: DATE TIME BTEX 8021B TPH 8015M TPH 8015M	Project Name: Trui	nk C (WMH-V4E) I runk (10)	5171)		1		0	
Sample Depth (feet) Sample Depth (G)OMP. (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: Project Location:	32.194082, -103.923084		Phone #:	<u> </u>		50		
D. (feet) Popth Depth Depth Depth Depth Depth Depth Popth Popth Depth Popth Po	Sampler Name: K	aoru Shimada		Email:	1E	5 I V	45	
Sample I.D. Sample Depth (feet) Sample Depth (g)RAB OR (C)OMP. CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: FOR LARIES ONLY		MATRIX	-	2	15	е		
5W 06 0-6 C1	3 5	Sample I.D.	G)RAB OR (C)OMP. CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	OTHER: ACID/BASE: ICE / COOL OTHER: DATE	BTEX 80	TPH 80	Chloride	
5W 06 0-6 C1 1131 1131 131 131 131 131 131 131 13	Haring G	4022	3	1 11/21/11 14	×	X	X	
SW 06 0-6 C1 1131 SW 06 0-6 C1 1135 SW 07 0-12 C1 1135 SW 08 01-12 C1 1131	>	20122	- 2	1 7 1/3/	4	1	7	
10 0-6 C1 10 0-6	11	SWS	0-5 61	11.31	+	F		
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† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Page 11 of 12



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

	(575) 393-232	(575) 393-2326 FAX (575) 393-2476	76							
Company Name: Ensolum, LLC	lum, LLC			BILL TO			ANAL	ANALYSIS REQUEST	=	
Project Manager: Kelly Lowery	Lowery			P.O. #:			_			
601 N. Mari	601 N. Marienfeld St. STE 400			Company: The terror	K.		_			
City: Midland	State: TX Zip:	o: 79701		Attn: Robert Dun	1		_		_	
Phone #: 214-733-3165	56	Email: klow	Email: klowery@ensolum.com	Address:	_					
Project #: 03B1226321		Project Owner:		City:				_		
Project Name:Trunk C (WMH-V4E) Trunk (109171)	(WMH-V4E) Trunk (1	09171)		State: Zip:)			
Project Location: 32.194082, -103.923084	4082, -103.923084			Phone #:			000	_	_	_
Sampler Name: Kaoru Shimada	Shimada			Email:		M	45			
OR LAB USE ONLY		D	MATRIX	PRESERV. SAMPLING)15	de			
Lab I.D. S	Sample I.D.	Sample Depth (feet) (feet) (G)RAB OR (G)RAB	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER: DATE	BTEX 80	TPH 80	* Chlorid			
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† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

FORM-006 R 3.2 10/07/21



April 17, 2024

KELLY LOWERY

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: TRUNK C (WMH - V4E) TRUNK (109171)

Enclosed are the results of analyses for samples received by the laboratory on 04/15/24 15:35.

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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/15/2024 Reported: 04/17/2024

Project Name: TRUNK C (WMH - V4E) TRUNK (109171)

Project Number: 03B1226321

Project Location: 32.194082, -103.923084

Sampling Date: 04/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: DS 01 0.25 (H241972-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2024	ND	2.09	105	2.00	1.36	
Toluene*	<0.050	0.050	04/15/2024	ND	2.26	113	2.00	1.39	
Ethylbenzene*	<0.050	0.050	04/15/2024	ND	2.29	115	2.00	2.61	
Total Xylenes*	<0.150	0.150	04/15/2024	ND	6.84	114	6.00	2.25	
Total BTEX	<0.300	0.300	04/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/16/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2024	ND	181	90.3	200	0.802	
DRO >C10-C28*	<10.0	10.0	04/15/2024	ND	171	85.4	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	04/15/2024	ND					
Surrogate: 1-Chlorooctane	87.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.1	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey & Keene



Cool & Intact

Tamara Oldaker

Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/15/2024 Reported: 04/17/2024 Sampling Date: 04/15/2024
Sampling Type: Soil

Sampling Condition:

Sample Received By:

Project Name: TRUNK C (WMH - V4E) TRUNK (109171)
Project Number: 03B1226321

Project Location: 32.194082, -103.923084

Sample ID: DS 02 0.25 (H241972-02)

BTEX 8021B

EXT DRO >C28-C36

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2024	ND	2.09	105	2.00	1.36	
Toluene*	0.777	0.050	04/15/2024	ND	2.26	113	2.00	1.39	
Ethylbenzene*	0.525	0.050	04/15/2024	ND	2.29	115	2.00	2.61	
Total Xylenes*	4.71	0.150	04/15/2024	ND	6.84	114	6.00	2.25	
Total BTEX	6.01	0.300	04/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Chloride	Result 16.0	Reporting Limit 16.0	Analyzed 04/16/2024	Method Blank	BS 432	% Recovery	True Value QC 400	RPD 3.64	Qualifier
•		16.0	04/16/2024			,	·		Qualifier
Chloride	16.0	16.0	04/16/2024	ND		,	·		Qualifier Qualifier
Chloride TPH 8015M	16.0 mg/	16.0 'kg	04/16/2024 Analyze	ND d By: MS	432	108	400	3.64	

ND

04/16/2024

Analyzed By: JH

Surrogate: 1-Chlorooctane 99.9 % 48.2-134 Surrogate: 1-Chlorooctadecane 93.3 % 49.1-148

<10.0

10.0

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Celey D. Keene



Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/15/2024 Reported: 04/17/2024

04/17/2024 TRUNK C (WMH - V4E) TRUNK (109171)

Project Number: 03B1226321
Project Location: 32.194082, -103.923084

Sampling Date: 04/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: DS 03 0.25 (H241972-03)

Project Name:

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2024	ND	2.09	105	2.00	1.36	
Toluene*	0.184	0.050	04/15/2024	ND	2.26	113	2.00	1.39	
Ethylbenzene*	0.163	0.050	04/15/2024	ND	2.29	115	2.00	2.61	
Total Xylenes*	1.81	0.150	04/15/2024	ND	6.84	114	6.00	2.25	
Total BTEX	2.16	0.300	04/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	123	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/16/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	59.2	10.0	04/16/2024	ND	181	90.3	200	0.802	
DRO >C10-C28*	42.9	10.0	04/16/2024	ND	171	85.4	200	3.13	
EXT DRO >C28-C36	45.1	10.0	04/16/2024	ND					
Surrogate: 1-Chlorooctane	93.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.7	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/15/2024 Reported: 04/17/2024

TRUNK C (WMH - V4E) TRUNK (109171)

Project Name: TRUNK C (W Project Number: 03B1226321

Project Location: 32.194082, -103.923084

Sampling Date: 04/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: DS 04 0.25 (H241972-04)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2024	ND	2.09	105	2.00	1.36	GC-NC
Toluene*	0.547	0.050	04/15/2024	ND	2.26	113	2.00	1.39	
Ethylbenzene*	0.051	0.050	04/15/2024	ND	2.29	115	2.00	2.61	
Total Xylenes*	0.393	0.150	04/15/2024	ND	6.84	114	6.00	2.25	
Total BTEX	0.991	0.300	04/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/16/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2024	ND	181	90.3	200	0.802	
DRO >C10-C28*	<10.0	10.0	04/16/2024	ND	171	85.4	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	04/16/2024	ND					
Surrogate: 1-Chlorooctane	97.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.0	% 49.1-14	8						

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Celeg D. Frene



Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/15/2024 Reported: 04/17/2024

TRUNK C (WMH - V4E) TRUNK (109171)

Project Number: 03B1226321

Project Location: 32.194082, -103.923084

Sampling Date: 04/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: DS 05 0.25 (H241972-05)

Project Name:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2024	ND	2.09	105	2.00	1.36	
Toluene*	0.131	0.050	04/15/2024	ND	2.26	113	2.00	1.39	
Ethylbenzene*	<0.050	0.050	04/15/2024	ND	2.29	115	2.00	2.61	
Total Xylenes*	<0.150	0.150	04/15/2024	ND	6.84	114	6.00	2.25	
Total BTEX	<0.300	0.300	04/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/16/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2024	ND	181	90.3	200	0.802	
DRO >C10-C28*	<10.0	10.0	04/16/2024	ND	171	85.4	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	04/16/2024	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.3	% 49.1-14	18						

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Celey D. Keene



Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/15/2024 Sampling
Reported: 04/17/2024 Sampling

Project Name: TRUNK C (WMH - V4E) TRUNK (109171)

Project Number: 03B1226321

Project Location: 32.194082, -103.923084

Sampling Date: 04/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: DS 06 0.25 (H241972-06)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2024	ND	2.09	105	2.00	1.36	
Toluene*	<0.050	0.050	04/15/2024	ND	2.26	113	2.00	1.39	
Ethylbenzene*	<0.050	0.050	04/15/2024	ND	2.29	115	2.00	2.61	
Total Xylenes*	<0.150	0.150	04/15/2024	ND	6.84	114	6.00	2.25	
Total BTEX	<0.300	0.300	04/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/16/2024	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2024	ND	181	90.3	200	0.802	
DRO >C10-C28*	<10.0	10.0	04/16/2024	ND	171	85.4	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	04/16/2024	ND					
Surrogate: 1-Chlorooctane	96.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.5	% 49.1-14	8						

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Celey D. Keene



04/15/2024

Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/15/2024 Sampling Date:

Reported: 04/17/2024 Sampling Type: Soil

Project Name: TRUNK C (WMH - V4E) TRUNK (109171) Sampling Condition: Cool & Intact
Project Number: 03B1226321 Sample Received By: Tamara Oldaker

Project Location: 32.194082, -103.923084

Sample ID: DS 07 0.25 (H241972-07)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2024	ND	2.09	105	2.00	1.36	
Toluene*	<0.050	0.050	04/15/2024	ND	2.26	113	2.00	1.39	
Ethylbenzene*	<0.050	0.050	04/15/2024	ND	2.29	115	2.00	2.61	
Total Xylenes*	<0.150	0.150	04/15/2024	ND	6.84	114	6.00	2.25	
Total BTEX	<0.300	0.300	04/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/16/2024	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2024	ND	181	90.3	200	0.802	
DRO >C10-C28*	<10.0	10.0	04/16/2024	ND	171	85.4	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	04/16/2024	ND					
Surrogate: 1-Chlorooctane	95.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.2	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

ENSOLUM, LLC **KELLY LOWERY** 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/15/2024 Reported: 04/17/2024

TRUNK C (WMH - V4E) TRUNK (109171)

Project Name: Project Number: 03B1226321

Project Location: 32.194082, -103.923084 Sampling Date: 04/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: DS 08 0.25 (H241972-08)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2024	ND	2.09	105	2.00	1.36	
Toluene*	<0.050	0.050	04/15/2024	ND	2.26	113	2.00	1.39	
Ethylbenzene*	<0.050	0.050	04/15/2024	ND	2.29	115	2.00	2.61	
Total Xylenes*	<0.150	0.150	04/15/2024	ND	6.84	114	6.00	2.25	
Total BTEX	<0.300	0.300	04/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/16/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2024	ND	181	90.3	200	0.802	
DRO >C10-C28*	<10.0	10.0	04/16/2024	ND	171	85.4	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	04/16/2024	ND					
Surrogate: 1-Chlorooctane	99.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.7	% 49.1-14	8						

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

Celey D. Keene



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
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.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
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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101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

	(575) 393-23	(575) 393-2326 FAX (575) 393-2476	176									
Company Name: Ensolum, LLC	Ensolum, LLC			BILL TO	70			ANALY	ANALYSIS REQUEST	ST		
Project Manager: Kelly Lowery	Kelly Lowery			P.O. #:								
Address: 601 N.	601 N. Marienfeld St. STE 400			Company:	4 11/150					_		
0	State: TX Zi	Zip: 79701		Attn: Bobert	DUMBROOM	1				_	_	_
Phone #: 214-733-3165	3-3165	Email: klov	Email: klowery@ensolum.com	Address:	,					_		
Project #: 03B1226321		Project Owner:		City:								
Project Name:Trui	Project Name:Trunk C (WMH-V4E) Trunk (109171)	109171)		State: Z	Zip:)				
Project Location:	Project Location: 32.194082, -103.923084			Phone #:				00				
Sampler Name: Kaoru Shimada	aoru Shimada			Email:		1B	M	45				
OR LAB USE ONLY			MATRIX	PRESERV.	SAMPLING	2	15	le ·		_		
Lab I.D.	Sample I.D.	Sample Depth (feet)	AB OR (C)OMP ENTAINERS SUNDWATER STEWATER	DGE IER: D/BASE: I/COOL		TEX 80	TPH 80	Chlorid				
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PLEASE NOTE: Liability ayid Dav All claims including those for In no event shall Cardinal be I	ELEASE NOTE. Liabilly apid Damages. Cardena's substity and courts excursion remotion to recommend to recommend to recommend to remotion to recommend to remotion the applicable service. All claims including those for negligence and any other causes withstooner et allo be deemed washed unless made in winding and recoined by Criticinal within 30 stays after commendation of the applicable service. All claims including those for negligence and any other causes withstooner et allo be deemed washed unless made in winding and recoined by Criticinal within 30 stays after commendation and the service of the service of the service of the service of the service service in the service of the service cardenate in the contraction of the service of the service service in the service cardenate in the cardenate contraction of the place agreed essential contraction.	we remedy tor any claim ansing whether ever shall be deemed waived unless ages, including without limitation, but agree haraumfor by Carrinal rans	made in writing and received by Car siness interruptions, loss of use, or le release of whether such claim is base	stage in outside, of the pass of misses of the stage of the specific of the apmade in writing and received by Cardinal within 30 days after completion of the apmade in writing and received by clean, its subsidiarities incess interruptions, loss of use, or loss of profits incurred by client, its subsidiarities from the complete of the specific or of the complete or of the	of the applicable service. sidiaries, ns or otherwise.	,						
Relinquished By:	elinquished By:	Date: 15-24	Received By:		Verbal Result: ☐ Yes	ult: ☐ Yes are emailed. ☐	res to	No Add'I Pho Please provide Email address:	Add'l Phone #: il address:			
Reen	Smrade	Time:	Jana	the areas	klowery@ensolum.com	solum.con)				
Relinquished By:		Date:	Received By:		REMARKS: Paykey/AFE/NonAFE	Paykeyla	FEMont	(FF	1121	121		
		Time:			1 1/2	MAGI			SLC9N	181		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C 3	3.8 Sample Condition	CHECKED BY:	S) Rush The	Standard Cool Intact	7	Bacteria (only) Sample Condition Observed Temp. *C	ple Condition			
			No No	of the second	Thermometer ID 4444	ID #443	#140	1011	☐Yes☐ Yes	Yes		
			-				10,	- 4/15/ct	7 ON ON	No Corrected Temp. *C	ನೆ	

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101 East Marland, Hobbs, NM 88240

Company Name: Ensolum, LLC Project Manager: Kelly Lowery Phone #: 214-733-3165 Project Location: 32.194082, -103.923084 Project Name:Trunk C (WMH-V4E) Trunk (109171) City: Midland Sampler Name: Kaoru Shimada Project #: 03B1226321 Address: 601 N. Marienfeld St. STE 400 Delivered By: (Circle One)
Sampler - UPS - Bus - Other: Relinquished By: Relinquished By: H24/976 Lab I.D. harmy 12 Sample I.D. Smoon TO ME 80 MS 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 State: TX Project Owner: Zip: Observed Temp. °C Corrected Temp. °C Sample Depth (feet) 79701 21-15 2 klowery@ensolum.com Cu (G)RAB OR (C)OMP 00 Cool Intact WASTEWATER No No SOIL 1 3. SLUDGE Attn: Repart OTHER Email: State: City: Company: Fater Ma P.O. #: Phone #: ACID/BASE · do ICE / COO CHECKED BY: (Initials) BILL TO OTHER Zip: DATE SAMPLING Verbal Result: ☐ Yes ② No Add'I Phone #: All Results are emailed. Please provide Email address: REMARKS: Paykey/AFE/NonAFE: klowery@ensolum.com TIME B n Factor -0.5°C Cyc. 4 BTEX 8021B Cool Intact Y **TPH 8015M** Chloride 4500 ANALYSIS REQUEST N63 □ Yes □ Yes □ No □ No 48 Temp. °C

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FORM-006 R 3.2 10/07/21

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

AE) Trunk (109171) Sample Depth GO WATRIX (feet) Sample Depth GO WATRIX MATRIX MATRIX GO WATRIX GO WATR	Company Name: Ensolum, LLC	TC .	BILL TO		-
Martinellott St. STE. 400 State: TX Zip: 79701 Attn: Sale: TX Zip:	Project Manager: Kelly Lowery		7.0. #	_	_
Attr:	Address: 601 N. Marienfeld St. STE 400		V. XATC	_	_
Email: Klowery@ensolum.com Address: Chr. State: TX		Attn: Kabert Duntoper	_	_	
Project Owner: Project Owner: State: Zip:	- 1	Email: klowery@ensolum.com	Address: /	_	_
State: Zip: PRESERV. SAMPLING B PR		ject Owner:	City:	_	_
D. Sample Depth OC R Sample De	Project Name:Trunk C (WMH-V4E) Trunk (1	09171)		_	_
D. Sample Depth O O E O O O O O O O	Project Location: 32.194082, -103.923084		Phone #:		
D. Sample Depth O. S. Sample Depth O. S. Sample Depth O. S. S. Sample Depth O. S. Sample Depth Depth O. S. Sample Depth Dept	Campler Name: Kanni Chimada		Email:	В	_
Sample I.D. Sample Depth GO Signature (feet) Real State of the policy of the state of the policy of the state of the policy of the state of the policy of the state of the policy of the state of the policy of the state of the policy of the state of the policy of the state of the policy of the policy of the policy of the state of the policy of the po	Sampler Name: Kaoru Shimada		CEDV	11	_
Sample I.D. Sample Depth OC SAT THE RESIDUAL DATE TIME THE THE THE THE THE THE THE T	FOR LAB USE ONLY	T	+)2	_
Strong Contract leading and destrict causes with the contract of the contract		PRAB OR (C)OMP. CONTAINERS ROUNDWATER ASTEWATER DIL	CHER: CID/BASE: E/COOL THER:	BTEX 80	
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Date: Received By: Remarks: Paykey/AFE/NonAFE: N& + g/	affiliates or successors arising out of or related to the performance of st Relinquished By:	Date: 15 . 24 Received By:	Verbal R gil Resul	sult:	. Please
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	-	8	CHECKED BY: (Initials)	Cool Intace of Interest of Int	10 th

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April 17, 2024

KELLY LOWERY

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: TRUNK C (WMH - V4E) TRUNK (109171)

Enclosed are the results of analyses for samples received by the laboratory on 04/15/24 15:35.

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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

 Received:
 04/15/2024
 Sampling Date:
 04/15/2024

 Reported:
 04/17/2024
 Sampling Type:
 Soil

Project Name: TRUNK C (WMH - V4E) TRUNK (109171) Sampling Condition: Cool & Intact
Project Number: 03B1226321 Sample Received By: Tamara Oldaker

Project Location: 32.194082, -103.923084

Sample ID: STOCK PILE (H241972-16)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2024	ND	2.09	105	2.00	1.36	GC-NC
Toluene*	6.74	0.050	04/15/2024	ND	2.26	113	2.00	1.39	
Ethylbenzene*	2.08	0.050	04/15/2024	ND	2.29	115	2.00	2.61	
Total Xylenes*	16.7	0.150	04/15/2024	ND	6.84	114	6.00	2.25	
Total BTEX	25.6	0.300	04/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	141	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/16/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	200	10.0	04/16/2024	ND	181	90.3	200	0.802	
DRO >C10-C28*	49.8	10.0	04/16/2024	ND	171	85.4	200	3.13	
EXT DRO >C28-C36	23.4	10.0	04/16/2024	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.6	% 49.1-14	8						

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
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.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
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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	(0/0) 333-234	(0/0) 333-2320 FMA (0/0) 333-24/0	4/0																	
Company Name: Ensolum, LLC	Ensolum, LLC						BIL	BILL TO				AN	ALYSI	ANALYSIS REQUEST	UEST					
Project Manager: Kelly Lowery	(elly Lowery					P.O. #:	77							_						
Address: 601 N.	601 N. Marienfeld St. STE 400					Comp	Company:	4401 77150	7											
2	State: TX Zi	Zip: 79701				Attn:	Attn: Bober	4.	ONG WEY	_		_		_						
Phone #: 214-733-3165	3-3165	Email: klowery@ensolum.com	wery@e	ensolum.c	mo	Address:	SS:		_								_			
Project #: 03B1226321		Project Owner:				City:														
Project Name:Trun	Project Name:Trunk C (WMH-V4E) Trunk (109171)	109171)				State:		Zip:)		_	_					
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Sampler Name: Kaoru Shimada	oru Shimada					Email:				1B	M	45			_			_		
FOR LAB USE ONLY			-	νw	MATRIX	PR	PRESERV.	SAMPLING	NG .	2′	15	e ·						_		
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All claims including those for in no event shall Cardinal be in	ELASE ROTE. Labely yet Cumays: Carea's samely and cent account minory or any cum navely invariance service and extra control of the applicable service. All calies including those for negligence and any other cume whatsoerer is tall be deemed wasted unless made in minory and received by Cardinal within 30 days after completion of the applicable service. All calms including those for negligence and any other cume whatsoerer is tall be deemed wasted unless made in minory and received by Cardinal within 30 days after completion of the applicable service. In one event shall Cardinal be table for incleded any companyant of samples, including without limitation, business interruptions, loss of uses, or loss of posts nourned by client, its subsidiaries, in no event shall Cardinal be table for incleded any companyant in which in production of the applicable services.	e remoty on any camin anong winstane beard in common or one of the remoty on any camin control of viver shall be deemed waived unless made in writing and received yeges, including without limitation, business interruptions, loss of use, provious heavenings by Carrifrol reparatiless of whether surphy claim is to	s made in writ	nade in writing and received by Cardinal within 30 days after completion of the appress interruptions, loss of use, or loss of profits incurred by client, its subsidiaries tiese in the subsidiaries are subsidiaries and the subsidiaries of whether subsidiaries are subsidiaries.	d by Cardinal vuse, or loss of	within 30 days profits incurre	after completi d by client, its cove stated rea	on of the applicable subsidiaries, asons or otherwise.	service											
Relinquished By:	alles or successors arising out or or related to the performance or an iniquished By:	Date: 15-24 Received By	2013	ed By:					Verbal Result: ☐ Yes	: ☐ Yes		No Add'I Pho Please provide Email address:	Email a	Add'l Phone #: l address:	e #:					
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Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C SC Corrected Temp. °C	8,5	Sample Cond	Sample Condition	-	CHECKED BY: (Initials)		Rush The	Standard Cool Intact	4	Bacteria (or Observed Temp. *C	Bacteria (only) Sample Condition ed Temp. *C	Condition						
				No No	No.	_	f	,	Thermometer ID	-	#140	0	-	□ Ye	Yes Yes					
						_			Correction Factor	01	· d	10 HIS/04	199		No Orrected Temp. *C	Corrected Te	mp. °C			

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101 East Marland, Hobbs, NM 88240

Company Name: Ensolum, LLC Project Manager: Kelly Lowery				BILL 10			
Proiect Manager: Kelly Lowery						_	-
			P.O. #:	7.5		-	
Address: 601 N. Marienfeld St. STE 400			Com	Company: Fater Pri	4		_
and State: TX	Zip: 79701		Attn: R	Robert D.	ASWOX.		_
1-733-3165	Email: klo	Email: klowery@ensolum.com	om Address:	ess:	_		
03B1226321	Project Owner:		City:				_
(WMH-V4E) Trun	109171)		State:	: Zip:		_	0
Project Location: 32.194082, -103.923084			Phone #:	e #:			_
			Email:		1		_
Sampler Name: Kaoru Shimada			EII				_
FOR LAB USE ONLY		MA.	MATRIX PF	PRESERV. SAMPLING			_
FOR LAB USE CHLY		2		\dashv			
Lab I.D. Sample I.D.	Sample Depth (feet)	CONTAINERS ROUNDWATER WASTEWATER	OIL SLUDGE OTHER: CID/BASE:	DTHER:	TIME	BTEX 8	Chlori
HAHIMIA CECH	4	# 0	5	>>	1051	×	X
2052	12	- 2	2	7	1131 4	1	7
10 SWS 5	0-5	6			11.31	1	
12 Sw 06	90				1155		+
TO WE K	21-13	C1			1139		-
80 MS 41	9-12	8	7		4011	, ,	. 5
JMS M	21.0	()	X	1 4/15/26	7011	Y	×
	7	3	,			1	+
	7			100		4	N
PLEASE NOTE: Liability and Damages. Codinat's tability and dentity metabons moved for any claims steining whether based in content of text, that his limited to the amount paid by the order for the analyses. All claims including those for neighborous and any other causes includes one that his observed withing whether the plant in the completion of the register of the plant in the completion of the register of the plant in the completion of the register of the plant in the completion of the register of the plant in the completion of the register of the plant in the completion of the register of the plant in the completion of the register of the plant in the completion of the register of the plant in the completion of the register of the plant in the completion of the register of the plant in the completion of the register of the plant in the completion of the register of the plant in the register of the plant in the register of t	we remedy for any claim arising whethever shall be deemed waived unly senses including without limitation.	by for any claim arising whether based in contract or tort, shall be all be deemed waived unless made in writing and received all be deemed waived unless made in writing and received to the state of t	be limited to the amount paid ted by Cardinal within 30 darf use, or loss of profits incur	paid by the client for the analyses. 10 days after completion of the applicable service incurred by client, its subsidiaries.	e service.	1	
In the serial season continuous autors and the performance of seasons are realized to the performance of season	Date: 7-2	s hereuroter by Cardinal, regardless of whether such gains is based upon any of the above Date: S - 24 Received By/	m is based upon any of the	above stated reasons of oursews	Verbal Result: Verbal Result: Yes All Results are emailed. klowery@ensolum.com	. le	A No Add'I Pho Please provide Email address:
Relinquished By:	Date:	Received By:			REMARKS: Paykey/AFENONAFE:	key/AFE	NonAFE
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C Corrected Temp. °C	Sample Cool	Sample Sofidition Cool Intact Cool Intact Nos Tres	CHECKED BY: (Initials)	Rush Cool Inta Rush Cool Inta Thermometer ID #446* Correction Factor -0.5°C	Standard Cool Intact 11.5°C	Bacteria (only) Sample Condition
FORM-006 R 3.2 10/07/21	† Cardinal cannot	accept verbal cha	ınges. Please em	Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	keene@cardin	allabsnr	n.com

Page 5 of 6



Company Name: Ensolum, LLC Sampler Name: Kaoru Shimada Project Name: Trunk C (WMH-V4E) Trunk (109171) Project Location: 32.194082, -103.923084 Project #: 03B1226321 Phone #: 214-733-3165 City: Midland Delivered By: (Circle One)
Sampler - UPS - Bus - Other: H341976 Relinquished By: Relinquished By: roject Manager: Kelly Lowery Lab I.D. FORM-006 R 3.2 10/07/21 601 N. Marienfeld St. STE 400 Sample I.D. 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 State: TX Project Owner: Zip: Observed Temp. °C Corrected Temp. °C 79701 Sample Depth (feet) Tim9:535 Pate: 15.24 Email: klowery@ensolum.com C (G)RAB OR (C)OMP à Received By Received By: CONTAINERS Sample Condition
Cool Infact
Cool Infact
Cool Infact
No I No WASTEWATER SOIL OIL SLUDGE Attn: Lab OTHER State: City: P.O. #: Phone #: Company: Email: PRESERV. CHECKED BY: (Initials) BILL TO 9 OTHER Zip: DATE SAMPLING Dunet |Verbal Result: □ Yes | Y No | Add'l Phone #:
| Pall Results are emailed. Please provide Email address: |
| Clowery@ensolum.com REMARKS: Paykey/AFE/NonAFE: hermometer ID #113h76. TIME MON À Cool Intact **BTEX 8021B** #140 **TPH 8015M** to 4/15/64 × Chloride 4500 ANALYSIS REQUEST □ Yes□ Yes□ No



April 22, 2024

KELLY LOWERY

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: TRUNK C (WMH - V4E) TRUNK (109171)

Enclosed are the results of analyses for samples received by the laboratory on 04/19/24 13:41.

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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/19/2024 Sampling Date: 04/19/2024

Reported: 04/22/2024 Sampling Type: Soil

Project Name: TRUNK C (WMH - V4E) TRUNK (109171) Sampling Condition: Cool & Intact
Project Number: 03B1226321 Sample Received By: Tamara Oldaker

Project Location: 32.1940874, -103.9230931

Sample ID: FS 05 20' (H242114-01)

TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2024	ND	204	102	200	3.10	
DRO >C10-C28*	<10.0	10.0	04/19/2024	ND	188	93.8	200	6.19	
EXT DRO >C28-C36	<10.0	10.0	04/19/2024	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

Sample ID: SW 08 12-20' (H242114-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2024	ND	2.17	108	2.00	4.09	
Toluene*	<0.050	0.050	04/19/2024	ND	2.10	105	2.00	3.93	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.05	103	2.00	3.78	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.00	100	6.00	3.84	
Total BTEX	<0.300	0.300	04/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/22/2024	ND	480	120	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 04/19/2024 Sampling Date: 04/19/2024

Reported: 04/22/2024 Sampling Type: Soil

Project Name: TRUNK C (WMH - V4E) TRUNK (109171) Sampling Condition: Cool & Intact
Project Number: 03B1226321 Sample Received By: Tamara Oldaker

Project Location: 32.1940874, -103.9230931

Sample ID: SW 08 12-20' (H242114-02)

TPH 8015M	mg/	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2024	ND	204	102	200	3.10	
DRO >C10-C28*	<10.0	10.0	04/19/2024	ND	188	93.8	200	6.19	
EXT DRO >C28-C36	<10.0	10.0	04/19/2024	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

ENSOLUM, LLC KELLY LOWERY 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/19/2024

Reported: 04/22/2024 Project Name: TRUNK C (WMH - V4E) TRUNK (109171)

Project Number: 03B1226321

Project Location: 32.1940874, -103.9230931

Sampling Date: 04/19/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW 09 12-20' (H242114-03)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2024	ND	2.17	108	2.00	4.09	
Toluene*	<0.050	0.050	04/19/2024	ND	2.10	105	2.00	3.93	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.05	103	2.00	3.78	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.00	100	6.00	3.84	
Total BTEX	<0.300	0.300	04/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/22/2024	ND	480	120	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2024	ND	204	102	200	3.10	
DRO >C10-C28*	<10.0	10.0	04/19/2024	ND	188	93.8	200	6.19	
EXT DRO >C28-C36	<10.0	10.0	04/19/2024	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

Analyzed By: JH

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Celeg D. Freene



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

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

City: Midland Company Name: Sampler Name: Kaoru Shimada Project Location: 32.1940874, -103.9230931 Project Name:Trunk C (WMH-V4E) Trunk Project #: 03B1226321 hone #: 214-733-3165 Project Manager: Kelly Lowery Delivered By: (Circle One)
Sampler - UPS - Bus - Other: Relinquished By: Relinquished By: Lab I.D. NAPU FORM-006 R 3.2 10/07/21 601 N. Marienfeld St. STE 400 Ensolum, LLC Sample I.D. 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 State: TX 20 Zip: Project Owner: † Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com Observed Temp. °C 4. 5 Sample Depth (feet) 79701 klowery@ensolum.com (G)RAB OR (C)OMP Received By: Received By: Sample Condi WASTEWATER MATRIX SOIL OIL SLUDGE OTHER State: City: Attn: Address: P.O. #: Email: Company: Phone #: ACID/BASE PRESERV. CHECKED BY: (Initials) ICE / COOL BILL TO OTHER Zip: DATE SAMPLING 1059 2007 REMARKS: Paykey/AFE/NonAFE Verbal Result: ☐ Yes ☐ No ☐ Add'I Phone #: All Results are emailed. Please provide Email address: klowery@ensolum.com TIME 1057 OK 45 BTEX 8021B Cool Intact **TPH 8015M** X Chloride 4500 4/19/24 0 no 0 no ANALYSIS REQUEST □Yes□ Yes

Page 6 of 6



April 24, 2024

KELLY LOWERY ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: TRUNK C (WMH-V4E) TRUNK (109171)

Enclosed are the results of analyses for samples received by the laboratory on 04/23/24 13:50.

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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM KELLY LOWERY 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

 Received:
 04/23/2024
 Sampling Date:
 04/22/2024

 Reported:
 04/24/2024
 Sampling Type:
 Soil

Project Name: TRUNK C (WMH-V4E) TRUNK (109171) Sampling Condition: Cool & Intact
Project Number: 03B1226321 Sample Received By: Shalyn Rodriguez

Project Location: ENTERPRISE- EDDY COUNTY, NM

Sample ID: SW07 0-12' (H242149-01)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2024	ND	199	99.3	200	1.29	
DRO >C10-C28*	<10.0	10.0	04/24/2024	ND	213	107	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	04/24/2024	ND					
Surrogate: 1-Chlorooctane	97.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Notes and Definitions

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.

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

CARDINAL Laboratories 101 East Marland, Hobbs, NM 8824

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

Company Name:	e: Ensolum, LLC			BILL TO	9			ANAI YSIS DE	OLECT
Project Manage	Project Manager: Kelly Lowery			P.O. #:		-		TIEST OF ALEGORIA	- Conor
Address: 3122	Address: 3122 National Parks Hwy	wy		Company: Ensolum					
city: Carlsbad	ad	State: NM Zip: 88220		Attn:					
Phone #: 210	210 219-8858			Address:					
Project #: 03B1226321	226321	Project Owner: Enterprise Field		City:		-			
Project Name: T	Project Name: Trunk C (WMH-V4E)			-					
Project Location:	π.			Dhono #		-			
Sampler Name:	Sampler Name: Connor Whitman			THORE #.		-			
FOR APPLICATION	Complex stillering!			Fax #:		maricona			
FOR LAB USE ONLY		Ρ.	MATRIX	PRESERV. SAI	SAMPLING				
Lab I.D.	Sample I.D.	Sample Depth (feet) G)RAB OR (C)OMF	GROUNDWATER VASTEWATER SOIL DIL SLUDGE	OTHER: CID/BASE: DE / COOL OTHER:		ГРН	CHLORIDE		
	SW07	12	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	100	1 9:35	1			
						2			
					/6	2			
						1			
EASE NOTE: Liability and is alyses. All claims including vice. In no event shall Card flates or successors arising.	ability and Damages. Cardinal's liability and cile including those for negligence and any other of shell cardinal be liable for incidental or consecus arising out of or related to the performance.	LASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the nalyses. 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 price. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,	whether based in contract or to unless made in writing and rec n, business interruptions, loss	ort, shall be limited to the amount paint, shall be limited to the amount paintened by Cardinal within 30 days after of use, or loss of profits incurred by o	by the client for the completion of the application, its subsidiaries,	able	1		
Catholic by:		Parte Sau Received By:	ceived By:		Verbal Result:	☐ Yes mailed. F	s ☐ No Please pro	□ No Add'I Phone #: Please provide Email address:	
telinquished By:		Date: Received By:	d By:		pjennings@ensolum.com, klowery@ensolum.com REMARKS: Non AFE: N63481	solum.cc	om, klowery(@ensolum.com	
Delivered By: (Circle One) ampler - UPS - Bus - Other:		Corrected Temp. 8,82	Sample Condition Cool Intact	CHECKED BY:	Turnaround Time:		Standard		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
		7.	100 A 100	< / /	Inermometer IB	# 3)	_	



May 01, 2024

BEAUX JENNINGS

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: TRUNK C TRUNK

Enclosed are the results of analyses for samples received by the laboratory on 04/29/24 15:44.

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/ga/lab accred certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: TRUNK C TRUNK
Project Number: 03B1226321
Project Manager: BEAUX JENNINGS

Reported: 01-May-24 17:04

Fax To:

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW - 10 7-14'	H242276-01	Soil	29-Apr-24 08:30	29-Apr-24 15:44
SW - 10 0-7'	H242276-02	Soil	29-Apr-24 08:48	29-Apr-24 15:44
FS - 06 14'	H242276-03	Soil	29-Apr-24 09:20	29-Apr-24 15:44
DS - 09 025'	H242276-04	Soil	29-Apr-24 09:16	29-Apr-24 15:44

05/01/24 - Client changed the project name (see COC). This is the revised report and will replace the one sent on 04/30/24.

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

Reported:

01-May-24 17:04



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

Analytical Results For:

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

Project: TRUNK C TRUNK Project Number: 03B1226321 Project Manager: BEAUX JENNINGS

Fax To:

SW - 10 7 - 14' H242276-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	4043011	HM	30-Apr-24	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4042938	JH	29-Apr-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4042938	ЈН	29-Apr-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4042938	ЈН	29-Apr-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4042938	JH	29-Apr-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4042938	JH	29-Apr-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			117 %	71.5	-134	4042938	ЈН	29-Apr-24	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4042935	MS	30-Apr-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4042935	MS	30-Apr-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4042935	MS	30-Apr-24	8015B	
Surrogate: 1-Chlorooctane			103 %	48.2	-134	4042935	MS	30-Apr-24	8015B	
Surrogate: 1-Chlorooctadecane			97.1 %	49.1	-148	4042935	MS	30-Apr-24	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: TRUNK C TRUNK
Project Number: 03B1226321
Project Manager: BEAUX JENNINGS

Reported: 01-May-24 17:04

Fax To:

SW - 10 0 - 7' H242276-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	4043011	HM	30-Apr-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4042938	JH	30-Apr-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4042938	JH	30-Apr-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4042938	JH	30-Apr-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4042938	JH	30-Apr-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4042938	JH	30-Apr-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134 4042938 JH 30-Apr-24 8021B										
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4042935	MS	30-Apr-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4042935	MS	30-Apr-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4042935	MS	30-Apr-24	8015B	
Surrogate: 1-Chlorooctane			101 %	48.2	-134	4042935	MS	30-Apr-24	8015B	
Surrogate: 1-Chlorooctadecane			95.7 %	49.1	-148	4042935	MS	30-Apr-24	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: TRUNK C TRUNK
Project Number: 03B1226321
Project Manager: BEAUX JENNINGS

Reported: 01-May-24 17:04

Fax To:

FS - 06 14' H242276-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	4043011	HM	30-Apr-24	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4042938	JH	30-Apr-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4042938	JН	30-Apr-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4042938	JH	30-Apr-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4042938	JH	30-Apr-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4042938	JH	30-Apr-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			122 %	71.5	-134	4042938	ЈН	30-Apr-24	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4042939	MS	30-Apr-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4042939	MS	30-Apr-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4042939	MS	30-Apr-24	8015B	
Surrogate: 1-Chlorooctane			96.8 %	48.2	-134	4042939	MS	30-Apr-24	8015B	
Surrogate: 1-Chlorooctadecane			95.6 %	49.1	-148	4042939	MS	30-Apr-24	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: TRUNK C TRUNK
Project Number: 03B1226321
Project Manager: BEAUX JENNINGS

Reported: 01-May-24 17:04

Fax To:

DS - 09 0 - .25' H242276-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	4043011	HM	30-Apr-24	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4042938	JН	30-Apr-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4042938	JH	30-Apr-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4042938	JH	30-Apr-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4042938	JH	30-Apr-24	8021B	
Total BTEX <0.300 0.300 mg/kg 50 4042938 JH 30-Apr-24 8021B										
Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134 4042938 JH 30-Apr-24 8021B										
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4042939	MS	30-Apr-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4042939	MS	30-Apr-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4042939	MS	30-Apr-24	8015B	
Surrogate: 1-Chlorooctane			75.4 %	48.2	-134	4042939	MS	30-Apr-24	8015B	
Surrogate: 1-Chlorooctadecane			73.6 %	49.1	-148	4042939	MS	30-Apr-24	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: TRUNK C TRUNK
Project Number: 03B1226321
Project Manager: BEAUX JENNINGS

Reported: 01-May-24 17:04

Fax To:

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Tildiyee	resuit	Limit	Omts	Level	resure	701620	Limis	пар	Limit	110103
Batch 4043011 - 1:4 DI Water										
Blank (4043011-BLK1)				Prepared &	Analyzed:	30-Apr-24				
Chloride	ND	16.0	mg/kg							
LCS (4043011-BS1)				Prepared &	Analyzed:	30-Apr-24				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (4043011-BSD1)				Prepared &	Analyzed:	30-Apr-24				
Chloride	400	16.0	mg/kg	400		100	80-120	7.69	20	

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%REC

Limits

82.8-130

86-128

85.9-128

89-129

86.1-125

88.2-128

71.5-134

3.70

5.10

7.53

6.84

7.30

106

112

112

112

112

107

RPD

Analytical Results For:

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

Analyte

Benzene

Toluene

Ethylbenzene

Total Xylenes

Surrogate: 4-Bromofluorobenzene (PID)

m,p-Xylene

o-Xylene

Project: TRUNK C TRUNK
Project Number: 03B1226321
Project Manager: BEAUX JENNINGS

Reported: 01-May-24 17:04

RPD

Limit

15.8

16

16.2

16.7

16.3

Notes

Fax To:

Reporting

Limit

0.050

0.050

0.050

0.100

0.050

0.150

Result

2.17

2.12

2.24

4.47

2.25

6.72

0.0537

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Units

Spike

Level

Source

Result

%REC

Blank (4042938-BLK1)				Prepared & Analy	yzed: 29-Apr-24	<u> </u>
Benzene	ND	0.050	mg/kg			
Toluene	ND	0.050	mg/kg			
Ethylbenzene	ND	0.050	mg/kg			
Total Xylenes	ND	0.150	mg/kg			
Total BTEX	ND	0.300	mg/kg			
Surrogate: 4-Bromofluorobenzene (PID)	0.0568		mg/kg	0.0500	114	71.5-134
LCS (4042938-BS1)				Prepared & Analy	yzed: 29-Apr-24	ļ
Benzene	2.15	0.050	mg/kg	2.00	108	82.8-130
Toluene	2.20	0.050	mg/kg	2.00	110	86-128
Ethylbenzene	2.36	0.050	mg/kg	2.00	118	85.9-128
m,p-Xylene	4.82	0.100	mg/kg	4.00	121	89-129
p-Xylene	2.41	0.050	mg/kg	2.00	120	86.1-125
Total Xylenes	7.23	0.150	mg/kg	6.00	120	88.2-128
urrogate: 4-Bromofluorobenzene (PID)	0.0564		mg/kg	0.0500	113	71.5-134
LCS Dup (4042938-BSD1)				Prepared & Analy	yzed: 29-Apr-24	.

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

2.00

2.00

4.00

2.00

6.00

0.0500

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



%REC

Limits

RPD

Analytical Results For:

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

Analyte

Project: TRUNK C TRUNK
Project Number: 03B1226321
Project Manager: BEAUX JENNINGS

Spike

Level

Source

Result

%REC

Reported: 01-May-24 17:04

RPD

Limit

Notes

Fax To:

Reporting

Limit

Result

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Units

Blank (4042935-BLK1)				Prepared & Anal	yzed: 29-Apr-24	ļ			
GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	46.2		mg/kg	50.0	92.5	48.2-134			
Surrogate: 1-Chlorooctadecane	42.4		mg/kg	50.0	84.8	49.1-148			
LCS (4042935-BS1)				Prepared & Anal	yzed: 29-Apr-24	ļ			
GRO C6-C10	200	10.0	mg/kg	200	100	66.4-123			
DRO >C10-C28	208	10.0	mg/kg	200	104	66.5-118			
Total TPH C6-C28	408	10.0	mg/kg	400	102	77.6-123			
Surrogate: 1-Chlorooctane	52.6		mg/kg	50.0	105	48.2-134			
Surrogate: 1-Chlorooctadecane	47.3		mg/kg	50.0	94.6	49.1-148			
LCS Dup (4042935-BSD1)				Prepared & Anal	yzed: 29-Apr-24	ļ			
GRO C6-C10	193	10.0	mg/kg	200	96.7	66.4-123	3.37	17.7	
DRO >C10-C28	191	10.0	mg/kg	200	95.3	66.5-118	8.75	21	
Total TPH C6-C28	384	10.0	mg/kg	400	96.0	77.6-123	6.08	18.5	
Surrogate: 1-Chlorooctane	51.9		mg/kg	50.0	104	48.2-134			
Surrogate: 1-Chlorooctadecane	47.0		mg/kg	50.0	93.9	49.1-148			

Blank (4042939-BLK1)				Prepared & Analy	zed: 29-Apr-24		
GRO C6-C10	ND	10.0	mg/kg				
DRO >C10-C28	ND	10.0	mg/kg				
EXT DRO >C28-C36	ND	10.0	mg/kg				
Surrogate: 1-Chlorooctane	41.1		mg/kg	50.0	82.3	48.2-134	
Surrogate: 1-Chlorooctadecane	40.5		mg/kg	50.0	81.0	49.1-148	

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Celey D. Keene



%REC

Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: TRUNK C TRUNK
Project Number: 03B1226321
Project Manager: BEAUX JENNINGS

Spike

Source

Reported: 01-May-24 17:04

RPD

Fax To:

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4042939 - General Prep - Organics										
LCS (4042939-BS1)				Prepared &	k Analyzed:	29-Apr-24				
GRO C6-C10	207	10.0	mg/kg	200		103	66.4-123			
DRO >C10-C28	212	10.0	mg/kg	200		106	66.5-118			
Total TPH C6-C28	419	10.0	mg/kg	400		105	77.6-123			
Surrogate: 1-Chlorooctane	45.9		mg/kg	50.0		91.8	48.2-134			
Surrogate: 1-Chlorooctadecane	47.5		mg/kg	50.0		95.0	49.1-148			
LCS Dup (4042939-BSD1)				Prepared &	k Analyzed:	29-Apr-24	<u> </u>			
GRO C6-C10	205	10.0	mg/kg	200		102	66.4-123	0.918	17.7	
DRO >C10-C28	208	10.0	mg/kg	200		104	66.5-118	2.14	21	
Total TPH C6-C28	413	10.0	mg/kg	400		103	77.6-123	1.53	18.5	
Surrogate: 1-Chlorooctane	45.5		mg/kg	50.0		91.1	48.2-134			
Surrogate: 1-Chlorooctadecane	46.8		mg/kg	50.0		93.5	49.1-148			

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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

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Celey D. Keine

Relinquished By:

Date: Time:

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

Corrected Temp. °C

Sample Condition
Cool Intact
Tyes Tyes
No No

CHECKED BY:
(Initials)

Turnaround Time:

Thermometer ID #(134)
Correction Factor -0.5°C

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

Yes Yes
No No Corrected Temp. °C

REMARKS: * Customer requested

BJennings@ensolum.com

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL Laboratories 101 East Marland, Hobbs, NM 88240

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

Company Name:	Ensolum, LLC											8	BILL TO						ANALYSIS REQUEST	QUES	TE		
Project Manager:	: Beaux Jennings								Ō.	P.O.	#	T	NOW	>									
Address: 601	601 N. Marienfeld St. STE 400	00							C	m	Company:	۲.	Oxy USA, Inc.	\$									
City: Midland		State: TX	Zip:	7	79701	_			<u>N</u>	Attn:		lad	Wade Dittrich	*									
Phone #: 210-2	210-219-8858	Fax #:							Þ	ddr	Address:	••											
Project #: 033122632	1226321	Project Owner:							C	City:							5						
Project Name:	Trunk CTRU	S. C.						*	S	State:			Zip:				00						
Project Location:	" Eddy Co	Non							P	non	Phone #:		575-390-2828		m	16	15						1
Sampler Name:	Shane Dille				×C.				TI	Fax #:					5	2	4						
FOR LAB USE ONLY						3	MATRIX	×	1 1	P	PRESERV.	됬	SAMPLING	ING	31	30							
			MP.		R										80	E	les						
Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)ON	# CONTAINERS	GROUNDWATER	WASTEWATER SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	TPH	BTEX	Chlorid						
-	Sw-10	7-14	0	-		,	X				K.	-	4-29-24 0830	3830	X	<	X						
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PLEASE NOTE: Liability an analyses, All claims including	PLEASE NOTE: Lability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other causes whatspower shall be deemed washed unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other causes whatspower shall be deemed washed unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cardinal shall be deemed washed unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cardinal shall be deemed washed unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cardinal shall be deemed washed unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cardinal shall be deemed washed unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including the cardinal shall be deemed washed unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including the cardinal shall be deemed washed unless made in writing and received by Cardinal within 30 days after completion of the property of the cardinal shall be deemed washed unless made in writing and received by Cardinal within 30 days after the property of the cardinal shall be deemed which are cardinal shall be de	nt's exclusive remedy for an ause whatsoever shall be de	y claim eemed	arising waived	wheth	er base s made	in wri	ontrac	t or to	rt, sha	all be by Ca	limite irdinal	to the amount paid by within 30 days after or within 30 days after or	y the client for the ampletion of the a	pplicabl	Ф							
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† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

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

QUESTIONS

Action 363536

QUESTIONS

Operator:	OGRID:
Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	363536
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2333431605
Incident Name	NAPP2333431605 TRUNK C DISCHARGE @ 0
Incident Type	Natural Gas Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2122928745] Enterprise Carlsbad GS

Location of Release Source	
Please answer all the questions in this group.	
Site Name	TRUNK C DISCHARGE
Date Release Discovered	11/30/2023
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Natural Gas Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Corrosion Pipeline (Any) Condensate Released: 5 BBL Recovered: 0 BBL Lost: 5 BBL.
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. **Santa Fe, NM 87505**

QUESTIONS, Page 2

Action 363536

QUESTI	IONS (continued)
Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602 Action Number: 363536 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	[e]
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response The responsible party must undertake the following actions immediately unless they could create a s	safety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	iation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releate OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface it does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 12/05/2023

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

QUESTIONS, Page 3

Action 363536

QUESTIONS (continued)

Operator:	OGRID:
Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	363536
	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 approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)	
What method was used to determine the depth to ground water	Estimate or Other	
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	Between 1000 (ft.) and ½ (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)	
Any other fresh water well or spring	Between ½ and 1 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Between 1000 (ft.) and ½ (mi.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Greater than 5 (mi.)	
Categorize the risk of this well / site being in a karst geology	Low	
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	No	

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	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination	n associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
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 CI B)	470	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	2956	
GRO+DRO (EPA SW-846 Method 8015M)	2825	
BTEX (EPA SW-846 Method 8021B or 8260B)	141	
Benzene (EPA SW-846 Method 8021B or 8260B)	4.2	
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	12/11/2023	
On what date will (or did) the final sampling or liner inspection occur	04/29/2024	
On what date will (or was) the remediation complete(d)	04/29/2024	
What is the estimated surface area (in square feet) that will be reclaimed	36504	
What is the estimated volume (in cubic yards) that will be reclaimed	1352	
What is the estimated surface area (in square feet) that will be remediated	36504	
What is the estimated volume (in cubic yards) that will be remediated	1352	
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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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 4

Action 363536

QUESTIONS (continued)

Operator:	OGRID:
Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	363536
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
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.)	
Yes	
LEA LAND LANDFILL [fEEM0112342028]	
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.

Name: David Feather Title: Contractor I hereby agree and sign off to the above statement Email: dfeather@eprod.com Date: 07/12/2024

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

QUESTIONS, Page 5

Action 363536

QUESTIONS (continued)

Operator:	OGRID:
Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	363536
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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

QUESTIONS, Page 6

Action 363536

QUESTIONS (continued)

Operator:	OGRID:
Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	363536
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information		
Last sampling notification (C-141N) recorded	337504	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/30/2024	
What was the (estimated) number of samples that were to be gathered	8	
What was the sampling surface area in square feet	2000	

Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
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	36504	
What was the total volume (cubic yards) remediated	1352	
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	36504	
What was the total volume (in cubic yards) reclaimed	1352	
Summarize any additional remediation activities not included by answers (above)	On April 8, 2024, NMR and Enterprise arrived on-site to apply a microbial solution, Micro-Blaze, to the newly excavated section of the Trunk C (WMH-V4E) Trunk Pipeline to help promote bioremediation of the COCs in soils left in place. The safety data sheet (SDS) for the microbial solution is provided in Appendix B.	

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: David Feather Title: Contractor Email: dfeather@eprod.com Date: 07/12/2024
--	--

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QUESTIONS, Page 7

Action 363536

QUESTIONS (continued)

Operator:	OGRID:
Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	363536
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 363536

CONDITIONS

Operator:	OGRID:
Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	363536
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By		Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2333431605 TRUNK C DISCHARGE, thank you. This Remediation Closure Report is approved.	2/27/2025