



CLOSURE REPORT

Property:

Trunk C Discharge

**32.16575° N, 103.89567° W
Eddy County, New Mexico
NMOCD Incident ID: nAPP2403733035**

May 2, 2024

Ensolum Project No. 03B1226331

Prepared for:

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

Attn: Robert Dunaway

Prepared by:



Kelly Lowery
Project Geologist



Heather Holthaus
Senior Project Manager



TABLE OF CONTENTS

1.0	INTRODUCTION.....	1
1.1	SITE DESCRIPTION & BACKGROUND	1
1.2	PROJECT OBJECTIVE.....	1
2.0	CLOSURE CRITERIA.....	1
3.0	SOIL REMEDIATION ACTIVITIES.....	2
4.0	SOIL SAMPLING PROGRAM	3
5.0	SOIL LABORATORY ANALYTICAL METHODS.....	3
6.0	DATA EVALUATION	3
7.0	RECLAMATION AND RE-VEGETATION	4
8.0	FINDINGS AND RECOMMENDATION.....	4
9.0	STANDARDS OF CARE, LIMITATIONS, AND RELIANCE	5
9.1	STANDARD OF CARE.....	5
9.2	LIMITATIONS	5
9.3	RELIANCE.....	5

LIST OF APPENDICES

Appendix A: Figures

Appendix B: Supporting Documentation

Appendix C: Photographic Documentation

Appendix D: Table

Appendix E: Laboratory Analytical Reports & Chain-of-Custody Documentation



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1.0 INTRODUCTION

1.1 Site Description & Background

Operator:	Enterprise Field Services, LLC (Enterprise)
Site Name:	Trunk C Discharge
Location:	32.16575° N, 103.89567° W Eddy County, New Mexico
Property:	New Mexico State Land Office (NMSLO)
Regulatory:	New Mexico Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)

On February 6, 2024, Enterprise discovered natural gas and produced water being released from the Trunk C Discharge pipeline. Enterprise reported the release to the New Mexico EMNRD OCD via email on February 6, 2024, followed up with a report through the online notice of release (NOR), and was assigned Incident ID: nAPP2403733035 on February 12, 2024. During the release, approximately 472 one-thousand cubic feet (MCF) of natural gas was released to the atmosphere, along with 3 barrels (bbls) of condensate released onto the ground surface, 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 EMNRD 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**.



Closure Report
Trunk C Discharge

May 2, 2024
Page 2

- 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 USGS database there are no private, domestic freshwater wells used by less than five (5) households for domestic or stock water purposes identified within 500 feet of the Site.
- According to the USGS database there are no freshwater wells identified within 1,000 feet of the Site.
- The Site is not located within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3.
- The Site is not located within 300 feet of a wetland.
- Based on information identified on the New Mexico Mining and Minerals Division's 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.
- 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
≤ 50 feet	Chloride	EPA 300.0 or SM4500 Cl B	600 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

3.0 SOIL REMEDIATION ACTIVITIES

On February 6, 2024, Enterprise discovered natural gas and condensate being released from the Trunk C Discharge pipeline. Approximately 472 MCF of natural gas was released to the atmosphere, along with 3 bbls of condensate released onto the ground surface, with 0 bbls recovered. Following submittal of an emergency New Mexico One-Call (NM-811), corrective action activities were commenced by New Mexico Rental Pipeline, LLC (NMR) utilizing a backhoe to excavate soils from the release area.

On February 19, 2024, Ensolum arrived on-Site to collect a total of four soil samples from the excavation floor (FS-01 and FS-02) and sidewalls (SW-01 and SW-02). The excavation floor soil samples were collected at depths of 8 feet below ground surface (bgs) and the excavation sidewall soil samples were collected at depths of 0-8 feet bgs. Additionally, one composite soil stockpile (STP-01) sample was collected from the excavated soil stockpile. Based on laboratory analytical data, no additional excavation activities were necessary.

On March 20, 2024, Ensolum arrived on-Site to resample six delineation samples outside of excavation area (DS-01 through DS-06). The delineation samples were collected at depths of 0.25 feet bgs. Based on laboratory analytical data, 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 24 feet long and 7 feet wide at the maximum extents, with a depth of 8 feet bgs.

A total of approximately 50 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, and a NMSLO approved seed mixture will be sown into the surface area of the backfill for re-vegetation.

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 February 19, 2024 through March 20, 2024 included the collection of a total of 11 soil samples, four excavation floor and sidewalls (FS-01, FS-02, SW-01 and SW-02), six delineation soil samples from locations outside of the excavation area (DS-1 through DS-6), and one composite soil stockpile sample from the excavation soil stockpile (STP-01) 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 Cardinal Laboratories in Hobbs, New Mexico, under proper chain-of-custody procedures.

5.0 SOIL LABORATORY ANALYTICAL METHODS

The 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.

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 and/or laboratory sample detection limits (SDLs) associated with the final excavation soil samples (FS-01, FS-02, and SW-01, SW-02), and the final delineation soil samples (DS-1 through DS-6) for the soils left in place at the Site, and the composite soil stockpile (STP-01) sample 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 or 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 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 or the applicable NMOCD Closure Criteria of 100 mg/kg.
- 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 for the composite soil sample collected from the stockpile staged on-Site indicated concentrations of benzene, total BTEX, and combined TPH GRO/DRO/MRO exceeding the applicable NMOCD Closure Criteria. The soil stockpile was transported off-Site for proper disposal at the Lea Land, LLC facility in Carlsbad, New Mexico.

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 sourced caliche and topsoil to match surrounding grade. Approximately 2 feet of topsoil has been placed on top of the caliche to support vegetative growth within the disturbed area;
- Soil in the vicinity of the release include: predominately gravelly loam, with some clay present;
- The backfilled areas will be seeded utilizing a weed-free seed mix designed by the NMSLO to meet reclamation standards for this region, which will be: Coarse (CS) Sites Seed Mixture as described in the NMSLO *Revegetation Guidelines Handbook for Southeastern New Mexico*, dated 2018;
- The seed mixture will be distributed with one of the following methods: push broadcaster seed spreader / tractor operated broadcast seed spreader / drill seeding / other means;
- Application of the seed mixture will be at a coverage of either 10 pounds of seeds per acre of reclaimed pasture with distribution by a drilling method, or 20 pounds of seeds per acre of reclaimed pasture with distribution by a broadcast method, whichever is more applicable;
- Erosion control management will potentially include:
 - The placement of waddles in areas with a propensity for high run off rates;
 - Straw cover if high winds are anticipated to support moisture retention and limit wind from blowing seeds away before they have had time to germinate; and/or
 - Other erosional control best management practices (BMP) as necessary to support timely and healthy regrowth of vegetation in disturbed areas;
- Backfilling of the excavation has already been completed;
- Seeding is anticipated to be completed in the Spring 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. NMSLO has recognized the optimal time to seed is between July and early September, which will be adhered to for this Site;

- If seeding occurs outside of the 180 days approved in the current fully executed ROE Permit, a new ROE Permit will be executed prior to entering the pasture for reclamation activities;
- 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 NMSLO-approved pure live seed mixture will be applied as well as any needed BMPs will be installed to support growth and limit erosion;
- Upon completion of revegetation, a copy of the C-103 submitted to New Mexico EMNRD OCD will also be submitted to NMSLO for final inspection and release.

8.0 FINDINGS AND RECOMMENDATION

- On February 6, 2024, Enterprise discovered natural gas and produced water being released from the Trunk C Discharge pipeline. Approximately 472 MCF of natural gas was released to the atmosphere, along with 3 bbls of produced water released onto the ground surface, 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 February 19 and March 20, 2024, Ensolum arrived on-Site to collect two soil samples from the excavation floor (FS-01 and FS-02) and two soil samples from the excavation sidewalls (SW-01 and SW-02). The floor samples were collected at depths of 8 feet bgs and the sidewall samples were collected at depths of 0-8 feet bgs. Additionally, six delineation samples were collected at six locations outside of the excavation area (DS-1 through DS-6) at a depth of 0.25 feet bgs. In addition, one composite soil stockpile sample was collected from the excavated soil stockpile (STP-01) staged on-Site.
- 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 24 feet long and 7 feet wide at the maximum extents, with a depth of 8 feet bgs.
- Based on the laboratory analytical results, the final soil samples for the soils left in place at the Site collected from the excavation area (FS-01, FS-02, SW-01 and SW-02) and the delineation samples collected outside of the impacted area (DS-1 through DS-6) 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 sample collected from the soil stockpile staged on-Site exhibited benzene, total BTEX, and combined TPH GRO/DRO/MRO concentrations above the applicable NMOCD Closure Criteria.
- Subsequent to the results of the composite soil sampling, the soil stockpile staged on-Site was removed and taken off-Site for proper disposal. A total of approximately 50 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 SLO approved seed mixture will be sown into the surface area of the backfill for re-vegetation per the above stated Reclamation Plan.

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

9.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE

9.1 Standard of Care

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

9.2 Limitations

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

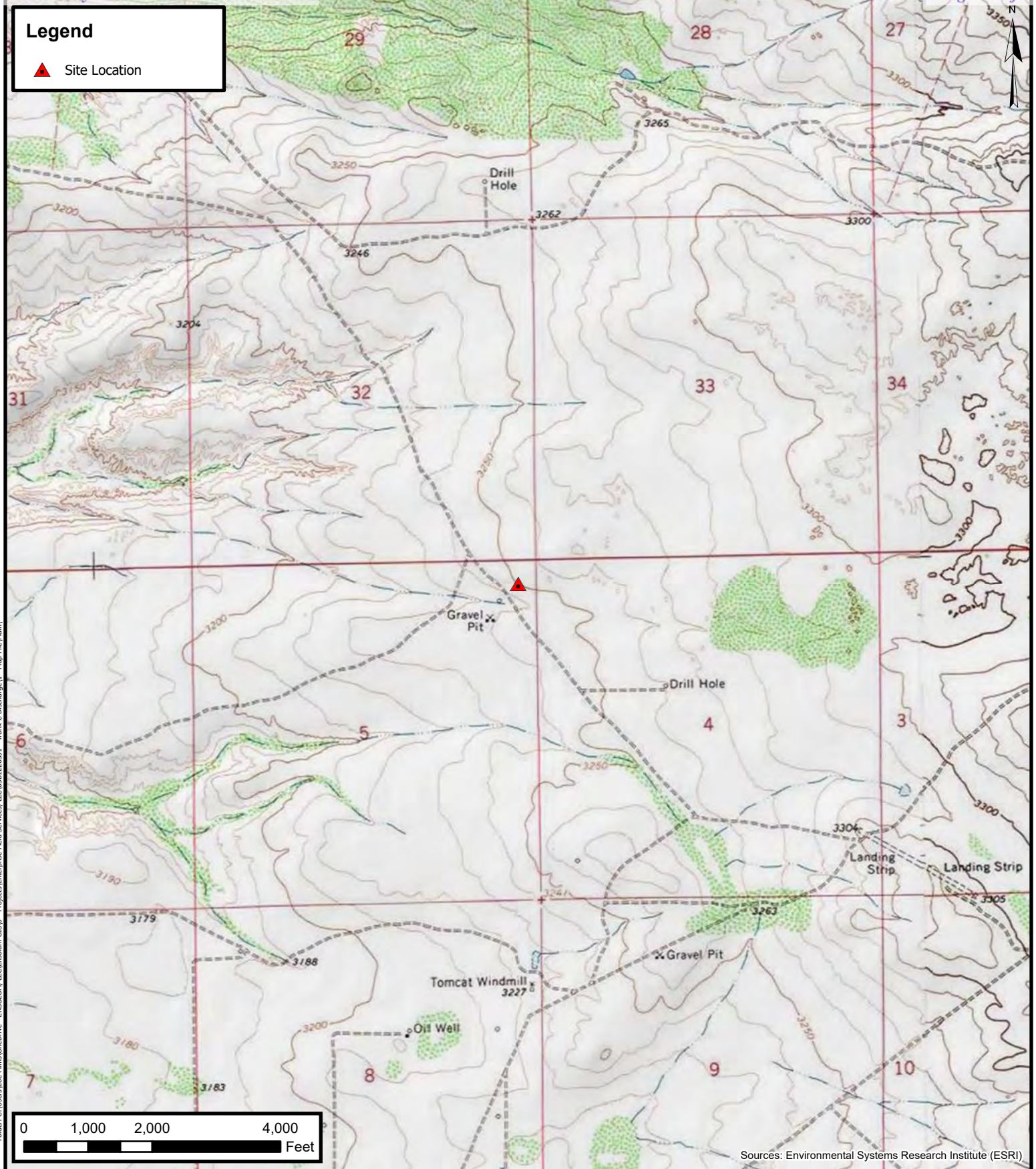
9.3 Reliance

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

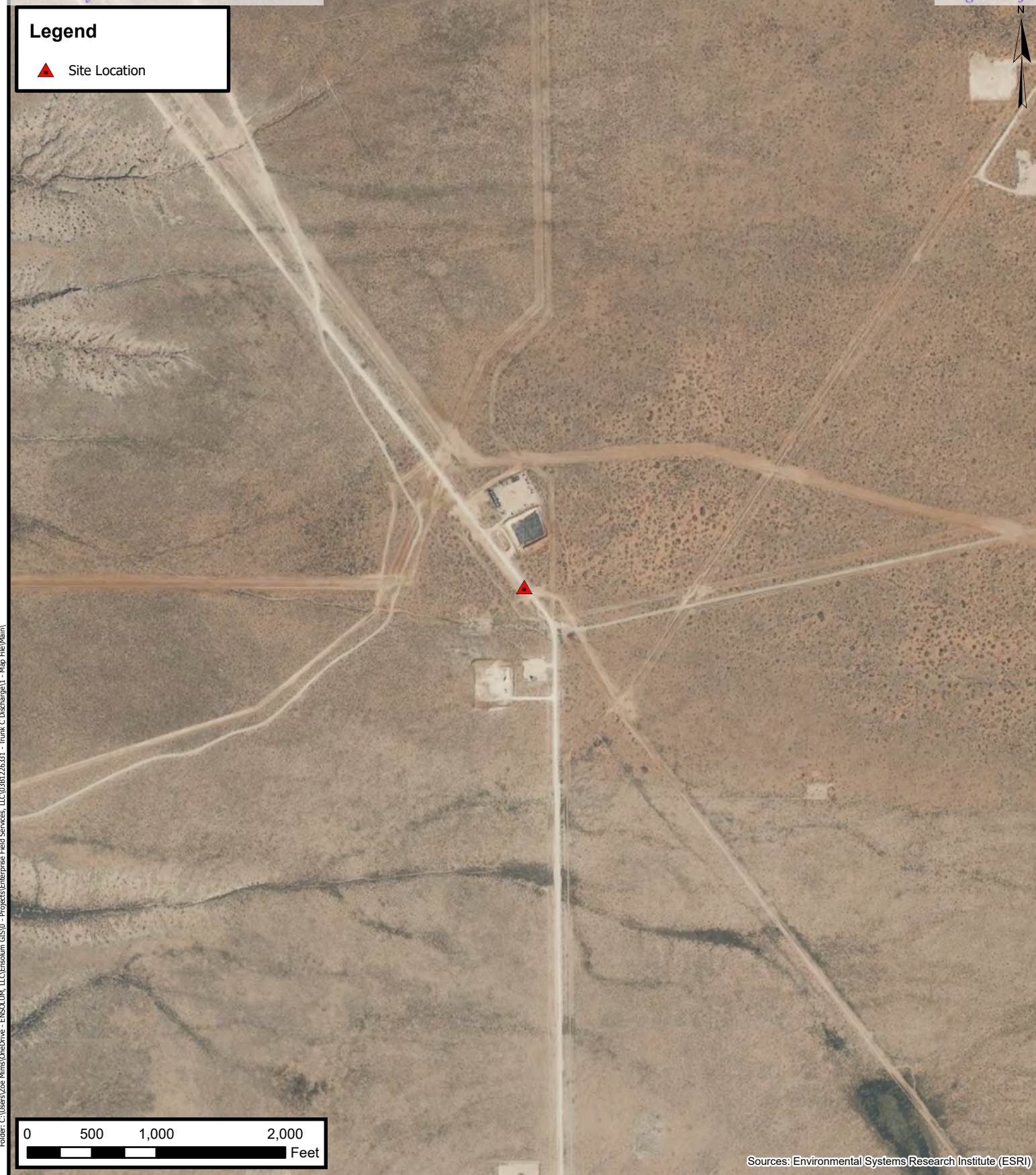


Topographic Map

Enterprise Field Services, LLC
Trunk C Discharge
Incident Number: nAPP2403733035
32.16575, -103.89567
Eddy County, New Mexico
Project Number: 03B1226331

FIGURE

1



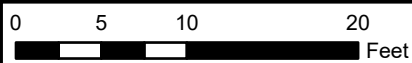
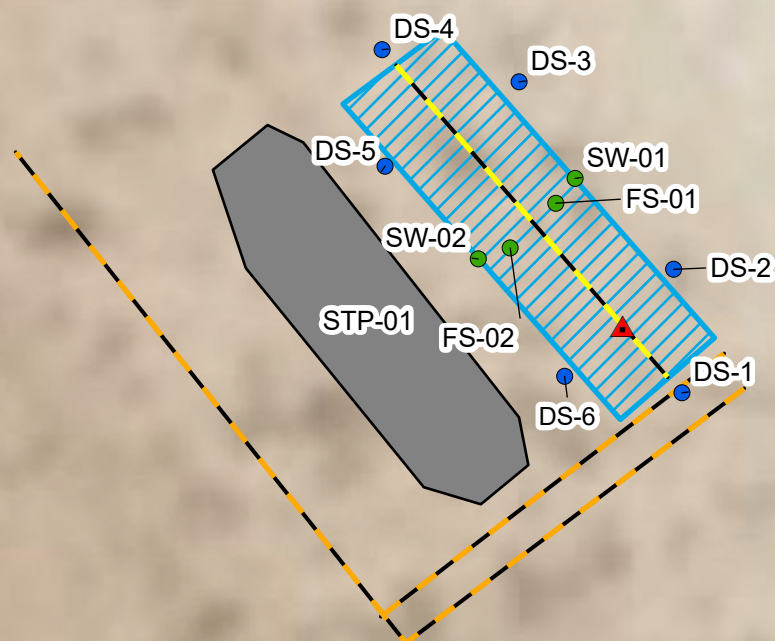
Site Vicinity Map

Enterprise Field Services, LLC
Trunk C Discharge
Incident Number: nAPP2403733035
32.16575, -103.89567
Eddy County, New Mexico
Project Number: 03B1226331

FIGURE
2

Legend

- ▲ Release Point
- Excavation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample in Compliance with Closure Criteria
- Enterprise Pipeline
- XTO Pipeline
- Excavation Extent
- Stockpile Disposed of off-Site

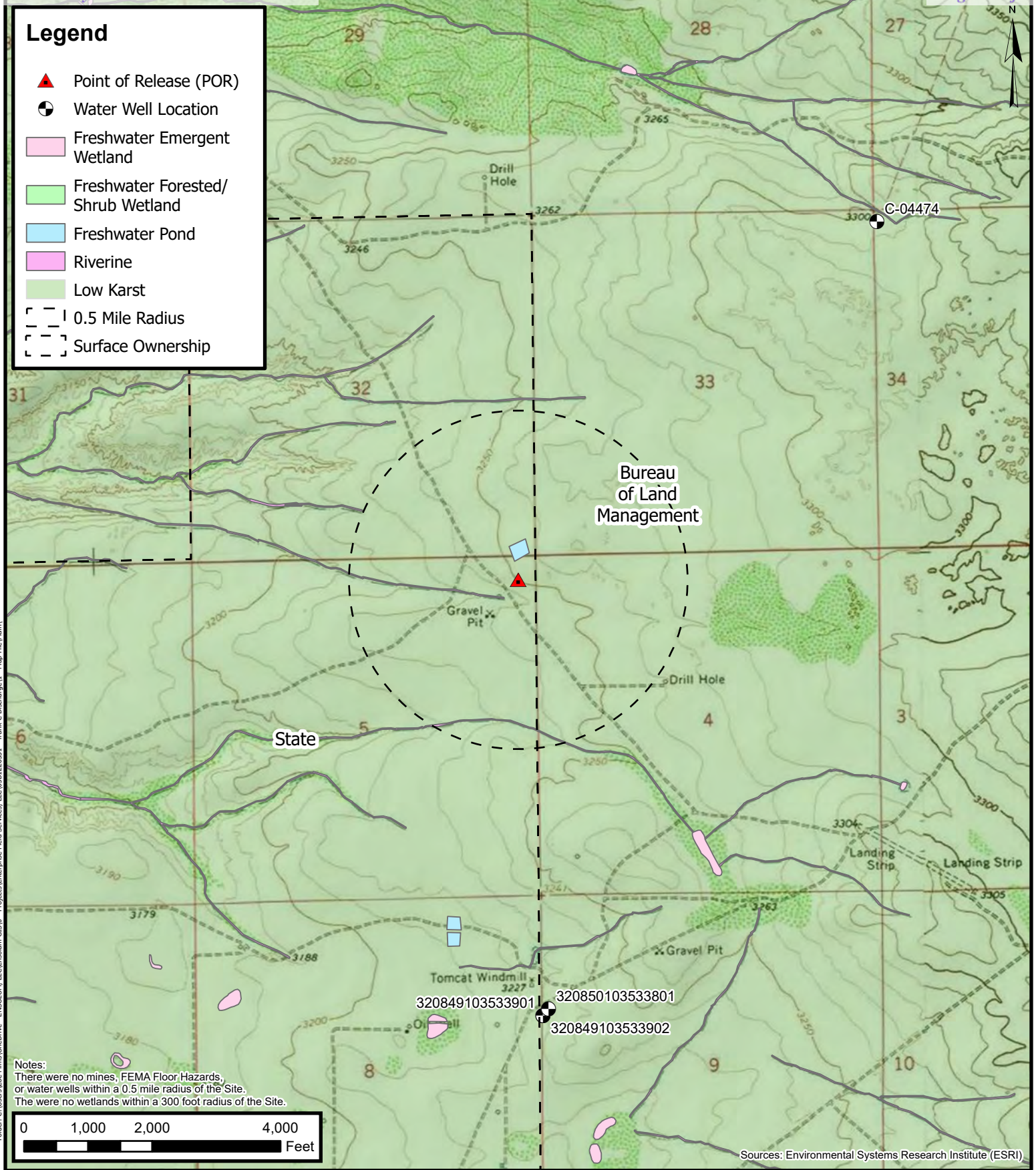


Sources: Environmental Systems Research Institute (ESRI)

**Site Map**

Enterprise Field Services, LLC
Trunk C Discharge
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32.16575, -103.89567
Eddy County, New Mexico
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FIGURE**3**



Closure Criteria Map

Enterprise Field Services, LLC
Trunk C Discharge
Incident Number: nAPP2403733035
32.16575, -103.89567
Eddy County, New Mexico
Project Number: 03B1226331

FIGURE
4



APPENDIX B

Supporting Documentation

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 311676

QUESTIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 311676
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Trunk C Discharge
Date Release Discovered	02/06/2024
Surface Owner	State

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	Cause: Other Pipeline (Any) Produced Water Released: 3 BBL Recovered: 0 BBL Lost: 3 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Cause: Other Pipeline (Any) Natural Gas Vented Released: 472 Mcf Recovered: 0 Mcf Lost: 472 Mcf.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 311676

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 311676
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	Yes, according to supplied volumes 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. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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ACKNOWLEDGMENTS

Action 311676

ACKNOWLEDGMENTS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 311676
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	I acknowledge the fact that 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.
<input checked="" type="checkbox"/>	I acknowledge the fact that, 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.

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CONDITIONS

Action 311676

CONDITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 311676
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
rdunaway	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	2/6/2024

EMISSIONS EVENT RECORD				Date	2/6/2024
				Time	
				Duration (hrs)	0.5000
County		Latitude	32.16575	Longitude	-103.89567
Location	Trunk C Discharge line				

Cause	Technician launched pig and found the leak shortly after launching.
Corrective Action	

Release Inputs		LEAK RELEASE TOTAL		LEAK RELEASE 24 HOUR	
Release Type	Leak	2.68	Mscf	2.68	Mscf
PSV Flowrate (scfm)		0.00	lbs VOC	0.00	lbs VOC
Hole Length (in)	0.13	0.00	lbs H2S	0.00	lbs H2S
Hole Width (in)	0.13				
Hole Diameter (in)	0.13				
Pressure (psi gauge)	760				
Flared	No				
Cg	14				
Blowdown Inputs		BLOWDOWN RELEASE TOTAL		EVENT 24 HOUR (Leak & Blowdown)	
Pipe Length (ft)	22,000	468.92	Mscf	471.60	Mscf
Diameter (in)	8	0.00	lbs VOC	0.00	lbs VOC
Pressure (psi)	760	0.00	lbs NOx	0.00	lbs NOx
Flared	No	0.00	lbs H2S	0.00	lbs H2S
Is blowdown Part of release	Yes	0.00	lbs CO	0.00	lbs CO
		0.00	lbs SO2	0.00	lbs SO2
Atmospheric Input		EVENT TOTAL (LEAK & BLOWDOWN)		LEAK RELEASE 1 HOUR	
Pressure (psi atm.)	14.7	471.60	Mscf	2.68	Mscf
		0.00	lbs VOC	0.00	lbs gas
		0.00	lbs H2S		

Volume of Gas Leaked (MSCF) = Diameter*Diameter*(Upstream Gauge Pressure + Atmospheric Pressure)*Hours of Leak
**Reference: Pipeline Rules of Thumb Handbook, 3rd Edition, McAllister. Page 260. Assuming STP (14.7 psi and 60 F)
**Reference: Crane Technical Paper No. 410, "Flow of Fluids through Valves, Fittings, and Pipe", copies are available online from Crane Valve at www.cranevalve.com/store.htm
**Reference: SynerGEE Technical Reference for SynerGEE version 3.3 (gas)
Volume of Gas Blown Down (MSCF) = Volume at pipeline conditions (ft3)*(Gauge Pressure (psig)+Atmospheric Pressure)
*Standard Temperature/(1000 scf/mscf)*Atmospheric Pressure*Temperature(F)*Z Factor
Volume at pipeline conditions (scf) = Diameter/12 (ft)*Diameter/12 (ft)*Pi/4*Length of pipe (ft)
**Reference: Gas Pipeline Hydraulics, Mension (2005) Pages 132-134. Assuming the Ideal Gas Law and Tpipeline = Tatm.

District I
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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 313507

QUESTIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 313507
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2403733035
Incident Name	NAPP2403733035 TRUNK C DISCHARGE @ 0
Incident Type	Natural Gas Release
Incident Status	Initial C-141 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	02/06/2024
Surface Owner	State

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	Cause: Other Pipeline (Any) Produced Water Released: 3 BBL Recovered: 0 BBL Lost: 3 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Cause: Other Pipeline (Any) Natural Gas Vented Released: 472 Mcf Recovered: 0 Mcf Lost: 472 Mcf.
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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Energy, Minerals and Natural Resources
Oil Conservation Division
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QUESTIONS, Page 2
Action 313507

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 313507
	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)	Yes, according to supplied volumes 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. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Robert Dunaway Title: Environmental Manager Email: rhdunaway@eprod.com Date: 02/12/2024
--	--

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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 313507

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 313507
	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)	Not answered.
What method was used to determine the depth to ground water	Not answered.
Did this release impact groundwater or surface water	Not answered.
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	Not answered.
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Not answered.
An occupied permanent residence, school, hospital, institution, or church	Not answered.
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Not answered.
Any other fresh water well or spring	Not answered.
Incorporated municipal boundaries or a defined municipal fresh water well field	Not answered.
A wetland	Not answered.
A subsurface mine	Not answered.
An (non-karst) unstable area	Not answered.
Categorize the risk of this well / site being in a karst geology	Not answered.
A 100-year floodplain	Not answered.
Did the release impact areas not on an exploration, development, production, or storage site	Not answered.

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.	

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CONDITIONS

Action 313507

CONDITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 313507
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	2/12/2024



Stephanie Garcia Richard, Commissioner of Public Lands
State of New Mexico

NMSLO Cultural Resources Cover Sheet Exhibit

NMCRIS Activity Number:

(if applicable)

Exhibit Type (select one)

ARMS Inspection/Review - Summarize the results (select one):

- (A) The entire area of potential effect or project area has been previously surveyed to current standards and **no cultural properties** were found within the survey area.
- (B) The entire area of potential effect or project area has been previously surveyed to current standards and **cultural properties were found** within the survey area.
- (C) The entire area of potential effect or project area has **not** been previously surveyed or **has not been surveyed** to current standards. A complete archaeological survey will be conducted and submitted for review.

Archaeological Survey

Findings:

Negative - No further archaeological review is required.

Positive - Have avoidance and protection measures been devised? Select one:

Comments:

Project Details:

NMSLO Lease Number (if available):

Cultural Resources Consultant:

Project Proponent (Applicant):

Project Title/Description:

Project Location:

County(ies):

PLSS/Section/Township/Range):

For NMSLO Agency Use Only:

NMSLO Lease Number:

Acknowledgment-Only:

Lease Analyst:

Date Exhibit Routed to Cultural Resources Office:

No person may alter the wording of the questions or layout of the cover sheet. The completion of this cover sheet by itself does not authorize anyone to engage in new surface disturbing activity before the review and approvals required by the Cultural Properties Protections Rule.

Form Revised 12 22

Kelly Lowery

From: Curry, Anne R. <acurry@slo.state.nm.us>
Sent: Monday, April 22, 2024 10:10 AM
To: Raina Hanley
Cc: Kelly Lowery; Wade Burns
Subject: RE: Remediation ARMS Cover Sheet Submission (BCA24-1719)

[**EXTERNAL EMAIL**]

Hi Raina,

Thank you for the submission of the attached Cover Sheet. Since the proposed remediation activities will take place in an area that has been covered by archaeological survey, Ensolum is free to move forward with remediation. Please reach out if you have additional questions-

Anne Curry

Archaeologist
Cultural Resources Office
Office: 505.827.1276
Cell: 505.469.5582
New Mexico State Land Office
310 Old Santa Fe Trail
P.O. Box 1148
Santa Fe, NM 87504-1148
acurry@slo.state.nm.us
nmstatelands.org



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From: Raina Hanley <RHanley@bcarch.org>
Sent: Friday, April 19, 2024 2:20 PM
To: Curry, Anne R. <acurry@slo.state.nm.us>
Cc: Kelly Lowery <klowery@ensolum.com>; Wade Burns <WBurns@bcarch.org>
Subject: [EXTERNAL] FW: Remediation ARMS Cover Sheet Submission (BCA24-1719)
Importance: High

Hi Anne,

I hope all is well. The Proponent is wondering if there was any way to expediate the review of ARMS review for the attached remediation project.

Thanks!

Raina Hanley

Chief Operating Officer

Beaver Creek Archaeology & Environmental
1632 Capitol Way
Bismarck, ND 58501
Ph: (701) 663-5521 | Fx: (701) 663-5589

Beaver Creek Archaeology & Environmental
712 West Quay Avenue
Artesia, NM 88210
Ph: (575) 746-6142 | Fx: (701) 663-5589



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From: Raina Hanley
Sent: Wednesday, April 10, 2024 6:43 PM
To: CRO Info <croinfo@slo.state.nm.us>
Cc: eco@slo.state.nm.us
Subject: Remediation ARMS Cover Sheet Submission (BCA24-1719)
Importance: High

Good Evening,

Attached please find the following ARMS review cover sheet for Ensolum on behalf of Enterprise Field Services:

- Enterprise Field Services' Trunk C Discharge Remediation

The associated project files have been uploaded and submitted through the CPP. Please let us know if you have any questions or need any additional information.

Thank you,

Raina Hanley

Chief Operating Officer

Beaver Creek Archaeology & Environmental
1632 Capitol Way
Bismarck, ND 58501
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APPENDIX C

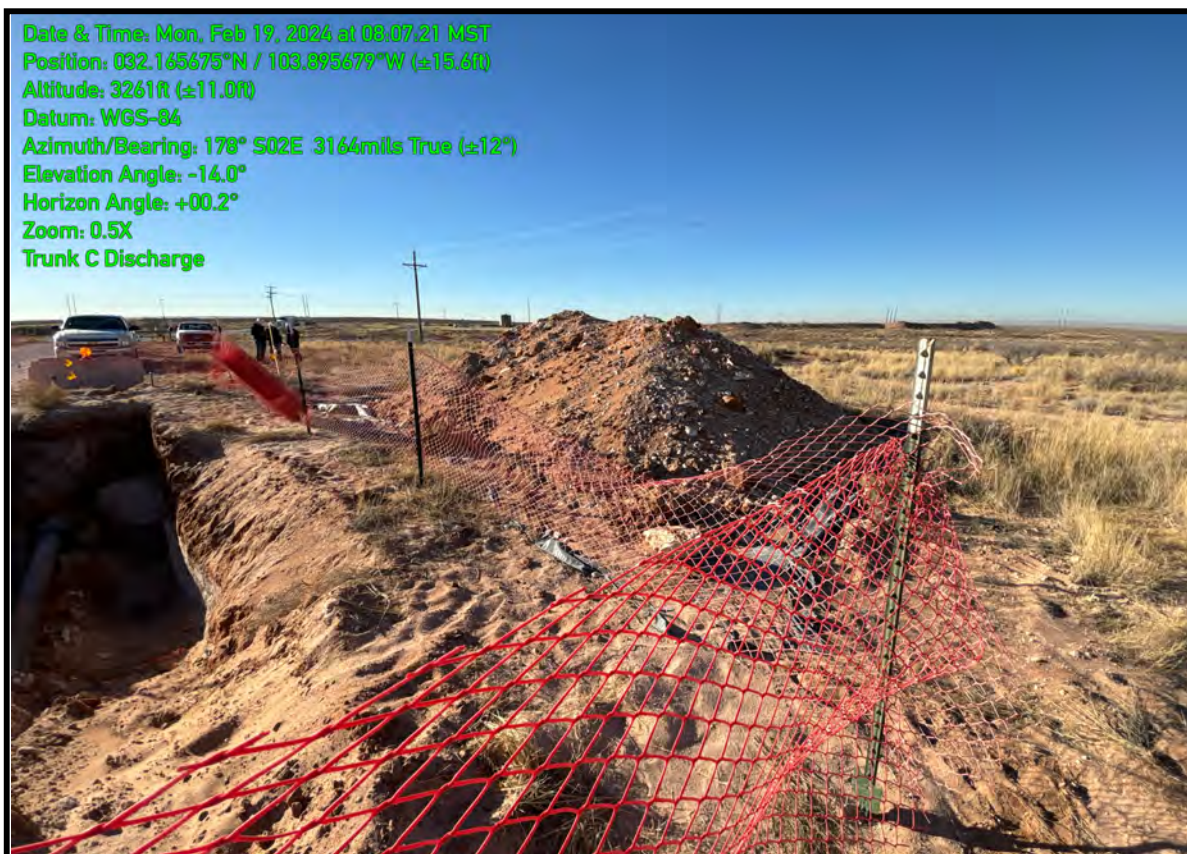
Photographic Documentation



View of excavation activities, facing southwest. (02/19/2024)



View of excavation activities, facing southeast. (02/19/2024)



View of excavation stockpile, facing south. (02/19/2024)



View of excavation, post reclamation activities, facing northwest. (03/05/2024)



View of excavation, post reclamation activities, facing north. (03/05/2024)



View of excavation, post reclamation activities, facing east. (03/05/2024)



APPENDIX D

Table

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 Trunk C Discharge
 Enterprise Field Services, LLC
 Eddy County, New Mexico
 Ensolum Project No. 03B1226331

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release (≤ 50 feet)			10	NE	NE	NE	50	NE	NE	NE	100	600
Composite Excavation Floor Soil Sample Analytical Results												
FS-01	02/19/2024	8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
FS-02	02/19/2024	8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
Composite Excavation Sidewall Soil Sample Analytical Results												
SW-01	02/19/2024	0 - 8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
SW-02	02/19/2024	0 - 8	0.394	0.518	<0.050	<0.150	0.912	11.6	<10.0	<10.0	11.6	64.0
Delineation Soil Sample Analytical Results												
DS-1	03/20/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
DS-2	03/20/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
DS-3	03/20/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
DS-4	03/20/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
DS-5	03/20/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
DS-6	03/20/2024	0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
Composite Stockpile Soil Sample Analytical Results												
STP-01	02/19/2024	NA	101	291	27.6	158	577	8,560	52.1	56.6	8,669	288

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

bgs - below ground surface

mg/kg - milligrams per kilogram

NA - Not Applicable

NE - Not Established

BTEX - Benzene, Toluene, Ethylbenzene, and Xylenes

GRO - Gasoline Range Organics

DRO - Diesel Range Organics

MRO - Motor Oil/Lube Oil Range Organics

TPH - Total Petroleum Hydrocarbon



APPENDIX E

Laboratory Analytical Reports & Chain-of-Custody Documentation



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

February 20, 2024

KELLY LOWERY

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: TRUNK C DISCHARGE

Enclosed are the results of analyses for samples received by the laboratory on 02/19/24 14:03.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/19/2024
 Reported: 02/20/2024
 Project Name: TRUNK C DISCHARGE
 Project Number: 03B1226331
 Project Location: EDDY COUNTY, NM

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FS - 01 8' (H240789-01)

BTX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2024	ND	1.98	99.0	2.00	6.00	
Toluene*	<0.050	0.050	02/19/2024	ND	2.05	103	2.00	0.516	
Ethylbenzene*	<0.050	0.050	02/19/2024	ND	2.12	106	2.00	1.46	
Total Xylenes*	<0.150	0.150	02/19/2024	ND	6.24	104	6.00	1.65	
Total BTX	<0.300	0.300	02/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/20/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2024	ND	200	100	200	0.616	
DRO >C10-C28*	<10.0	10.0	02/19/2024	ND	200	100	200	0.0439	
EXT DRO >C28-C36	<10.0	10.0	02/19/2024	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.3 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/19/2024
 Reported: 02/20/2024
 Project Name: TRUNK C DISCHARGE
 Project Number: 03B1226331
 Project Location: EDDY COUNTY, NM

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FS - 02 8' (H240789-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2024	ND	1.98	99.0	2.00	6.00	
Toluene*	<0.050	0.050	02/19/2024	ND	2.05	103	2.00	0.516	
Ethylbenzene*	<0.050	0.050	02/19/2024	ND	2.12	106	2.00	1.46	
Total Xylenes*	<0.150	0.150	02/19/2024	ND	6.24	104	6.00	1.65	
Total BTEX	<0.300	0.300	02/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/20/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2024	ND	200	100	200	0.616	
DRO >C10-C28*	<10.0	10.0	02/19/2024	ND	200	100	200	0.0439	
EXT DRO >C28-C36	<10.0	10.0	02/19/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/19/2024
 Reported: 02/20/2024
 Project Name: TRUNK C DISCHARGE
 Project Number: 03B1226331
 Project Location: EDDY COUNTY, NM

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 01 0-8' (H240789-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/19/2024	ND	1.98	99.0	2.00	6.00		
Toluene*	<0.050	0.050	02/19/2024	ND	2.05	103	2.00	0.516		
Ethylbenzene*	<0.050	0.050	02/19/2024	ND	2.12	106	2.00	1.46		
Total Xylenes*	<0.150	0.150	02/19/2024	ND	6.24	104	6.00	1.65		
Total BTEx	<0.300	0.300	02/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/20/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2024	ND	200	100	200	0.616	
DRO >C10-C28*	<10.0	10.0	02/19/2024	ND	200	100	200	0.0439	
EXT DRO >C28-C36	<10.0	10.0	02/19/2024	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/19/2024
 Reported: 02/20/2024
 Project Name: TRUNK C DISCHARGE
 Project Number: 03B1226331
 Project Location: EDDY COUNTY, NM

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 02 0-8' (H240789-04)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.394	0.050	02/19/2024	ND	1.98	99.0	2.00	6.00	
Toluene*	0.518	0.050	02/19/2024	ND	2.05	103	2.00	0.516	
Ethylbenzene*	<0.050	0.050	02/19/2024	ND	2.12	106	2.00	1.46	
Total Xylenes*	<0.150	0.150	02/19/2024	ND	6.24	104	6.00	1.65	
Total BTEX	0.912	0.300	02/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/20/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	11.6	10.0	02/19/2024	ND	200	100	200	0.616	
DRO >C10-C28*	<10.0	10.0	02/19/2024	ND	200	100	200	0.0439	
EXT DRO >C28-C36	<10.0	10.0	02/19/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/19/2024
 Reported: 02/20/2024
 Project Name: TRUNK C DISCHARGE
 Project Number: 03B1226331
 Project Location: EDDY COUNTY, NM

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: STP - 01 (H240789-05)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	101	2.00	02/20/2024	ND	1.98	99.0	2.00	6.00	
Toluene*	291	2.00	02/20/2024	ND	2.05	103	2.00	0.516	
Ethylbenzene*	27.6	2.00	02/20/2024	ND	2.12	106	2.00	1.46	
Total Xylenes*	158	6.00	02/20/2024	ND	6.24	104	6.00	1.65	
Total BTEX	577	12.0	02/20/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	02/20/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	8560	10.0	02/20/2024	ND	200	100	200	0.616	
DRO >C10-C28*	52.1	10.0	02/20/2024	ND	200	100	200	0.0439	
EXT DRO >C28-C36	56.6	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Ensolum, LLC				BILL TO				ANALYSIS REQUEST											
Project Manager: Kelly Lowery				P.O. #:				<div style="display: flex; flex-direction: column; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX 80213</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH 8015 M</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride 4500</div> </div>											
Address: 801 N. Marienfeld St. STE 400				Company: Ensolum, LLC															
City: Midland State: TX Zip: 79701				Attn:															
Phone #: 214-733-3165 Email: klowery@ensolum.com				Address:															
Project #: 03B1226331 Project Owner:				City:															
Project Name: Irunk C Discharge				State: Zip:															
Project Location: Eddy County, NM				Phone #:															
Sampler Name: Kelly Lowery				Email:															
FOR LAB USE ONLY																			
Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.		SAMPLING							
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE	ICE / COOL	OTHER:	DATE	TIME				
1	FS-01	8'	C	1			X					X		2/19/24	1153	X	X	X	
2	FS-02	8'	C	1			X					X		2/19/24	1129	X	X	X	
3	SW-01	0-8'	C	1			X					X		2/19/24	1155	X	X	X	
4	SW-02	0-8'	C	1			X					X		2/19/24	1141	X	X	X	
5	STP-01	-	C	1			X					X		2/19/24	1059	X	X	X	
NFC 2/19/2024 KL																			

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Relinquished By: <i>Kelly</i>	Date: 2/19/24 Time: 1403	Received By: <i>Seadriqumey</i>	Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	All Results are emailed. Please provide Email address: klowery@ensolum.com / rhdonaway@eprod.com	
			REMARKS: Payday/AFE/NonAFE:	
			24 hr N71957	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C Corrected Temp. °C 39.0	Sample Condition Cool Intact <input checked="" type="checkbox"/> <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) <i>SK</i>	Turnaround Time: Standard <input type="checkbox"/> Bacteria (only) Sample Condition <input type="checkbox"/> Thermometer ID: #140 Correction Factor: 0.5°C

FORM-006 R 3.2 10/07/21

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

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

March 25, 2024

KELLY LOWERY

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: TRUNK C DISCHARGE

Enclosed are the results of analyses for samples received by the laboratory on 03/20/24 13:13.

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

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

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

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Project: TRUNK C DISCHARGE
Project Number: 03B1226331
Project Manager: KELLY LOWERY
Fax To:

Reported:
25-Mar-24 09:56

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DS - 1 @ 0.25'	H241451-01	Soil	20-Mar-24 11:10	20-Mar-24 13:13
DS - 2 @ 0.25'	H241451-02	Soil	20-Mar-24 10:22	20-Mar-24 13:13
DS - 3 @ 0.25'	H241451-03	Soil	20-Mar-24 10:24	20-Mar-24 13:13
DS - 4 @ 0.25'	H241451-04	Soil	20-Mar-24 10:26	20-Mar-24 13:13
DS - 5 @ 0.25'	H241451-05	Soil	20-Mar-24 10:29	20-Mar-24 13:13
DS - 6 @ 0.25'	H241451-06	Soil	20-Mar-24 10:30	20-Mar-24 13:13

03/25/24 - Client added depths to all samples (see COC). This is the revised report and will replace the one sent on 03/21/22.

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A handwritten signature in black ink, appearing to read "Celey D. Keene", written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: TRUNK C DISCHARGE
Project Number: 03B1226331
Project Manager: KELLY LOWERY
Fax To:

Reported:
25-Mar-24 09:56

DS - 1 @ 0.25'**H241451-01 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	4032050	CT	21-Mar-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4032027	JH	20-Mar-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4032027	JH	20-Mar-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4032027	JH	20-Mar-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4032027	JH	20-Mar-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4032027	JH	20-Mar-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			113 %	71.5-134		4032027	JH	20-Mar-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4032003	MS	20-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032003	MS	20-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032003	MS	20-Mar-24	8015B	

Surrogate: 1-Chlorooctane			94.7 %	48.2-134		4032003	MS	20-Mar-24	8015B	
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Surrogate: 1-Chlorooctadecane			89.5 %	49.1-148		4032003	MS	20-Mar-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: TRUNK C DISCHARGE
Project Number: 03B1226331
Project Manager: KELLY LOWERY
Fax To:

Reported:
25-Mar-24 09:56

DS - 2 @ 0.25'**H241451-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	4032050	CT	21-Mar-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4032027	JH	20-Mar-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4032027	JH	20-Mar-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4032027	JH	20-Mar-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4032027	JH	20-Mar-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4032027	JH	20-Mar-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	116 %	71.5-134	4032027	JH	20-Mar-24	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4032034	MS	20-Mar-24	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	4032034	MS	20-Mar-24	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4032034	MS	20-Mar-24	8015B

Surrogate: 1-Chlorooctane	88.7 %	48.2-134	4032034	MS	20-Mar-24	8015B
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Surrogate: 1-Chlorooctadecane	82.8 %	49.1-148	4032034	MS	20-Mar-24	8015B
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: TRUNK C DISCHARGE
Project Number: 03B1226331
Project Manager: KELLY LOWERY
Fax To:

Reported:
25-Mar-24 09:56

DS - 3 @ 0.25'**H241451-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	4032050	CT	21-Mar-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4032027	JH	20-Mar-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4032027	JH	20-Mar-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4032027	JH	20-Mar-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4032027	JH	20-Mar-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4032027	JH	20-Mar-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	119 %	71.5-134	4032027	JH	20-Mar-24	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4032034	MS	20-Mar-24	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	4032034	MS	20-Mar-24	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4032034	MS	20-Mar-24	8015B

Surrogate: 1-Chlorooctane	80.7 %	48.2-134	4032034	MS	20-Mar-24	8015B
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Surrogate: 1-Chlorooctadecane	74.1 %	49.1-148	4032034	MS	20-Mar-24	8015B
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: TRUNK C DISCHARGE
Project Number: 03B1226331
Project Manager: KELLY LOWERY
Fax To:

Reported:
25-Mar-24 09:56

DS - 4 @ 0.25'**H241451-04 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	4032050	CT	21-Mar-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4032027	JH	20-Mar-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4032027	JH	20-Mar-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4032027	JH	20-Mar-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4032027	JH	20-Mar-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4032027	JH	20-Mar-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	117 %	71.5-134	4032027	JH	20-Mar-24	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4032034	MS	20-Mar-24	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	4032034	MS	20-Mar-24	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4032034	MS	20-Mar-24	8015B

Surrogate: 1-Chlorooctane	98.4 %	48.2-134	4032034	MS	20-Mar-24	8015B
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Surrogate: 1-Chlorooctadecane	90.9 %	49.1-148	4032034	MS	20-Mar-24	8015B
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: TRUNK C DISCHARGE
Project Number: 03B1226331
Project Manager: KELLY LOWERY
Fax To:

Reported:
25-Mar-24 09:56

DS - 5 @ 0.25'**H241451-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	4032050	CT	21-Mar-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4032027	JH	20-Mar-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4032027	JH	20-Mar-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4032027	JH	20-Mar-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4032027	JH	20-Mar-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4032027	JH	20-Mar-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			119 %		71.5-134	4032027	JH	20-Mar-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4032034	MS	20-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032034	MS	20-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032034	MS	20-Mar-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			102 %		48.2-134	4032034	MS	20-Mar-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			94.3 %		49.1-148	4032034	MS	20-Mar-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: TRUNK C DISCHARGE
Project Number: 03B1226331
Project Manager: KELLY LOWERY
Fax To:

Reported:
25-Mar-24 09:56

DS - 6 @ 0.25'**H241451-06 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	4032050	CT	21-Mar-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4032027	JH	20-Mar-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4032027	JH	20-Mar-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4032027	JH	20-Mar-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4032027	JH	20-Mar-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4032027	JH	20-Mar-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %		71.5-134	4032027	JH	20-Mar-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4032034	MS	20-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032034	MS	20-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032034	MS	20-Mar-24	8015B	

Surrogate: 1-Chlorooctane			106 %		48.2-134	4032034	MS	20-Mar-24	8015B	
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Surrogate: 1-Chlorooctadecane			99.4 %		49.1-148	4032034	MS	20-Mar-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: TRUNK C DISCHARGE
Project Number: 03B1226331
Project Manager: KELLY LOWERY
Fax To:

Reported:
25-Mar-24 09:56

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 4032050 - 1:4 DI Water									
Blank (4032050-BLK1)				Prepared & Analyzed: 20-Mar-24					
Chloride	ND	16.0	mg/kg						
LCS (4032050-BS1)				Prepared & Analyzed: 20-Mar-24					
Chloride	432	16.0	mg/kg	400		108	80-120		
LCS Dup (4032050-BSD1)				Prepared & Analyzed: 20-Mar-24					
Chloride	448	16.0	mg/kg	400		112	80-120	3.64	20

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Analytical Results For:

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

Project: TRUNK C DISCHARGE
Project Number: 03B1226331
Project Manager: KELLY LOWERY
Fax To:

Reported:
25-Mar-24 09:56

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4032027 - Volatiles**Blank (4032027-BLK1)**

Prepared & Analyzed: 20-Mar-24

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)	0.0583		mg/kg	0.0500		117	71.5-134			

LCS (4032027-BS1)

Prepared & Analyzed: 20-Mar-24

Benzene	2.06	0.050	mg/kg	2.00		103	82.8-130			
Toluene	2.23	0.050	mg/kg	2.00		112	86-128			
Ethylbenzene	2.39	0.050	mg/kg	2.00		120	85.9-128			
m,p-Xylene	4.76	0.100	mg/kg	4.00		119	89-129			
o-Xylene	2.39	0.050	mg/kg	2.00		119	86.1-125			
Total Xylenes	7.15	0.150	mg/kg	6.00		119	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0590		mg/kg	0.0500		118	71.5-134			

LCS Dup (4032027-BSD1)

Prepared & Analyzed: 20-Mar-24

Benzene	2.27	0.050	mg/kg	2.00		113	82.8-130	9.35	15.8	
Toluene	2.34	0.050	mg/kg	2.00		117	86-128	4.58	15.9	
Ethylbenzene	2.50	0.050	mg/kg	2.00		125	85.9-128	4.31	16	
m,p-Xylene	4.96	0.100	mg/kg	4.00		124	89-129	4.05	16.2	
o-Xylene	2.49	0.050	mg/kg	2.00		124	86.1-125	4.11	16.7	
Total Xylenes	7.45	0.150	mg/kg	6.00		124	88.2-128	4.07	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0562		mg/kg	0.0500		112	71.5-134			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: TRUNK C DISCHARGE
Project Number: 03B1226331
Project Manager: KELLY LOWERY
Fax To:

Reported:
25-Mar-24 09:56

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4032003 - General Prep - Organics**Blank (4032003-BLK1)**

Prepared & Analyzed: 20-Mar-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	47.3		mg/kg	50.0		94.6	48.2-134			
Surrogate: 1-Chlorooctadecane	47.4		mg/kg	50.0		94.8	49.1-148			

LCS (4032003-BS1)

Prepared & Analyzed: 20-Mar-24

GRO C6-C10	209	10.0	mg/kg	200		105	66.4-123			
DRO >C10-C28	207	10.0	mg/kg	200		103	66.5-118			
Total TPH C6-C28	416	10.0	mg/kg	400		104	77.6-123			
Surrogate: 1-Chlorooctane	51.3		mg/kg	50.0		103	48.2-134			
Surrogate: 1-Chlorooctadecane	54.3		mg/kg	50.0		109	49.1-148			

LCS Dup (4032003-BS1)

Prepared & Analyzed: 20-Mar-24

GRO C6-C10	187	10.0	mg/kg	200		93.3	66.4-123	11.5	17.7	
DRO >C10-C28	183	10.0	mg/kg	200		91.5	66.5-118	12.2	21	
Total TPH C6-C28	370	10.0	mg/kg	400		92.4	77.6-123	11.9	18.5	
Surrogate: 1-Chlorooctane	48.3		mg/kg	50.0		96.6	48.2-134			
Surrogate: 1-Chlorooctadecane	49.7		mg/kg	50.0		99.4	49.1-148			

Batch 4032034 - General Prep - Organics**Blank (4032034-BLK1)**

Prepared & Analyzed: 20-Mar-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	48.3		mg/kg	50.0		96.5	48.2-134			
Surrogate: 1-Chlorooctadecane	45.5		mg/kg	50.0		90.9	49.1-148			

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Analytical Results For:

ENSOLUM, LLC	Project: TRUNK C DISCHARGE	Reported:
705 W WADLEY AVE.	Project Number: 03B1226331	25-Mar-24 09:56
MIDLAND TX, 79705	Project Manager: KELLY LOWERY	
	Fax To:	

Petroleum Hydrocarbons by GC FID - Quality Control
Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4032034 - General Prep - Organics

LCS (4032034-BS1)		Prepared & Analyzed: 20-Mar-24								
GRO C6-C10	213	10.0	mg/kg	200		107	66.4-123			
DRO >C10-C28	206	10.0	mg/kg	200		103	66.5-118			
Total TPH C6-C28	419	10.0	mg/kg	400		105	77.6-123			
Surrogate: 1-Chlorooctane	53.7		mg/kg	50.0		107	48.2-134			
Surrogate: 1-Chlorooctadecane	50.3		mg/kg	50.0		101	49.1-148			
LCS Dup (4032034-BS1)		Prepared & Analyzed: 20-Mar-24								
GRO C6-C10	210	10.0	mg/kg	200		105	66.4-123	1.59	17.7	
DRO >C10-C28	206	10.0	mg/kg	200		103	66.5-118	0.149	21	
Total TPH C6-C28	416	10.0	mg/kg	400		104	77.6-123	0.879	18.5	
Surrogate: 1-Chlorooctane	52.8		mg/kg	50.0		106	48.2-134			
Surrogate: 1-Chlorooctadecane	49.5		mg/kg	50.0		99.0	49.1-148			

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Celestine D. Keene

Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CARDINAL
Laboratories




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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 14 of 14

(575) 393-2326 FAX (575) 393-2476						BILL TO		ANALYSIS REQUEST													
Company Name: Ensolum, LLC						P.O. #:															
Project Manager: Kelly Lowery						Company: Ensolum, LLC															
Address: 601 N. Marienfield St, STE 400						Attn:															
City: Midland State: TX Zip: 79701						Address:															
Phone #: 214-733-3165 Fax #:						City:															
Project #: 03B1226331 Project Owner:						State: Zip:															
Project Name: Trunk C Discharge						Phone #:															
Project Location: 32.16575°N, -103.89567						Fax #:															
Sampler Name: Mario Sarkis																					
FOR LAB USE ONLY		Sample I.D.		MATRIX	PRESERV.	SAMPLING															
(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	CHEMICAL COOL	OTHER :	DATE	TIME									
H241451 Lab I.D.																					
DS-1 @ 0.25'	G 2			✓					✓		3/20/24	11:10	✓	✓	✓						
DS-2 @ 0.25'	G 2			✓					✓		3/20/24	10:22	✓	✓	✓						
DS-3 @ 0.25'	G 2			✓					✓		3/20/24	10:24	✓	✓	✓						
DS-4 @ 0.25'	G 2			✓					✓		3/24/24	10:26	✓	✓	✓						
DS-5 @ 0.25'	G 2			✓					✓		3/20/24	10:29	✓	✓	✓						
DS-6 @ 0.25'	G 2			✓					✓		3/20/24	10:30	✓	✓	✓						
* MPS																					

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors, arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based on any of the above stated reasons or otherwise.

Relinquished By: 		Date: 3/20/24 Time: 13:13	Received By: 	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide Email address: Klowery@ENSOLUM.com / msarkis@ensolum.com
Relinquished By: _____		Date: _____ Time: _____	Received By: _____	REMARKS: *Customer request Depth added to CDC. 3/22/24 N71957
Delivered By: (Circle One)	Observed Temp. °C 3.52	Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No	CHECKED BY: (Initials) 	Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>
Sampler - UPS - Bus - Other: _____	Corrected Temp. °C _____	Thermometer ID #140 Correction Factor 0°C	Bacteria (only) Sample Condition: Cool <input type="checkbox"/> Intact <input type="checkbox"/> <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No	Observed Temp. °C _____ Corrected Temp. °C _____

FORM 000 R 3.4 07/11/23

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

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QUESTIONS

Action 341120

QUESTIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID:	241602
	Action Number:	341120
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2403733035
Incident Name	NAPP2403733035 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	02/06/2024
Surface Owner	State

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	Cause: Other Pipeline (Any) Produced Water Released: 3 BBL Recovered: 0 BBL Lost: 3 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Cause: Other Pipeline (Any) Natural Gas Vented Released: 472 MCF Recovered: 0 MCF Lost: 472 MCF.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 341120

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID:
	241602
	Action Number:
	341120
Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	Yes, according to supplied volumes 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. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Robert Dunaway Title: Environmental Manager Email: rhodunaway@eprod.com Date: 02/12/2024
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QUESTIONS, Page 3

Action 341120

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID:
	241602
	Action Number:
	341120
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 300 and 500 (ft.)
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 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride	(EPA 300.0 or SM4500 Cl B)	288
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	8669
GRO+DRO	(EPA SW-846 Method 8015M)	8612
BTEX	(EPA SW-846 Method 8021B or 8260B)	577
Benzene	(EPA SW-846 Method 8021B or 8260B)	101

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	02/07/2024
On what date will (or did) the final sampling or liner inspection occur	03/20/2024
On what date will (or was) the remediation complete(d)	03/20/2024
What is the estimated surface area (in square feet) that will be reclaimed	168
What is the estimated volume (in cubic yards) that will be reclaimed	50
What is the estimated surface area (in square feet) that will be remediated	168
What is the estimated volume (in cubic yards) that will be remediated	50

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 341120

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 341120
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Robert Dunaway Title: Environmental Manager Email: rhdunaway@eprod.com Date: 05/06/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 341120

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID:
	241602
	Action Number:
	341120
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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QUESTIONS, Page 6

Action 341120

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID:	241602
	Action Number:	341120
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	322845
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/20/2024
What was the (estimated) number of samples that were to be gathered	2
What was the sampling surface area in square feet	500

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	168
What was the total volume (cubic yards) remediated	50
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	168
What was the total volume (in cubic yards) reclaimed	50
Summarize any additional remediation activities not included by answers (above)	no additional

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: Robert Dunaway Title: Environmental Manager Email: rhdunaway@eprod.com Date: 05/06/2024
--	--

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QUESTIONS, Page 7

Action 341120

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 341120
	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 341120

CONDITIONS

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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	5/20/2024