



ENTERPRISE PRODUCTS PARTNERS L.P.
ENTERPRISE PRODUCTS HOLDINGS LLC
(General Partner)

ENTERPRISE PRODUCTS OPERATING LLC

January 2, 2026

Submitted online via OCD E-Permitting:

<https://wwwapps.emnrd.nm.gov/OCD/OCDPermitting/default.aspx>

New Mexico Energy, Minerals & Natural Resources
Department – Oil Conservation Division (NMOCD)
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
Attn: Mr. Nelson Velez

**Re: Closure Request (Ensolum, LLC, December 12, 2025)
Enterprise Field Services, LLC
South Eddy Amine Release
Eddy County, New Mexico [Unit H, S1, T25S, R30E (32.160481° N, 103.828926° W)]
Incident No. NAPP2518927068**

Dear Mr. Velez:

Enterprise Field Services, LLC (Enterprise) is submitting herein an electronic copy of the above-referenced document to the New Mexico Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD). The report is associated with the Enterprise South Eddy Cryo Plant release of rich amine that occurred on July 7, 2025 in Eddy County, New Mexico (the "Site").

Remediation activities were conducted in accordance with OCD regulatory guidelines. Laboratory analytical results from excavation confirmation soil samples indicated total petroleum hydrocarbons (TPH), benzene, toluene, ethylbenzene, and total xylenes (BTEX), and chloride concentrations were less than the respective OCD regulatory guidelines. Impacted soil was transported to the Lea Lands facility, and the Site was returned to grade with locally sourced non-impacted backfill material. Since the release area is on an active facility pad in an area reasonably needed for production operations and/or drilling operations, no reclamation or re-vegetation was required at this time per 19.15.29.13 D (1) New Mexico Administrative Code (NMAC) for the top 4 feet of areas that will be immediately reclaimed following remediation. Steps will be taken for reclamation and re-vegetation purposes once the pad is decommissioned in the future.

Based on laboratory analytical results and field activities conducted to date, Enterprise respectfully requests closure for Incident Number NAPP2518927068.

Should you have any questions, comments, or concerns, or require additional information, please contact Julianna Falcomata via email (jrfalcomata@eprod.com) or phone (575-266-1904).

Thank you,

A handwritten signature in blue ink that reads "Jon E. Fields".

Jon E. Fields
Director, Field Environmental

/bjm
Enclosure



December 12, 2025

New Mexico Oil Conservation Division

New Mexico Energy, Minerals, and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Re: Closure Request
South Eddy Amine Release
Incident Number NAPP2518927068
Eddy County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Enterprise Field Services LLC (Enterprise), has prepared this *Closure Request* to document excavation and soil sampling activities performed at the South Eddy Cryo Plant for the South Eddy Amine Release (Site). The purpose of the excavation and soil sampling activities was to address impacted soil resulting from a release of rich amine from a sump overflow at the Site. Based on field observations, excavation activities, and laboratory analytical results from the soil sampling events, Enterprise is submitting this *Closure Request*, describing remediation that has occurred and requesting closure for Incident Number NAPP2518927068.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit H, Section 01, Township 25 South, Range 30 East, in Eddy County, New Mexico (32.160481°, -103.828926°) and is associated with oil and gas exploration and production operations on private land owned by Enterprise.

On July 7, 2025, a sump overflow resulted in a release of approximately 8 barrels (bbls) of rich amine onto the pad, with no fluids recovered. Enterprise reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Notification of Release (NOR) on July 8, 2025, and subsequently an Initial C-141 Application (C-141) on July 8, 2025. The release was assigned Incident Number NAPP2518927068.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized for applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Potential Site receptors are identified on Figure 4.

The closest permitted groundwater well with depth to groundwater data was New Mexico Office of the State Engineer (OSE) well C-3891 drilled on November 10, 2015, located approximately 299 feet northeast of the Site. The groundwater well has a total depth of 650 feet below ground surface (bgs) with groundwater encountered at 429 feet bgs. The referenced well record is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site based on the National Hydrography Dataset (NHD) map is an ephemeral stream, located approximately 2.63 miles southwest of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake, between 200 feet

and 300 feet from a wetland, and greater than 300 feet from an occupied residence, school, hospital, institution, or church. The Site is greater than 500 feet from a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes and between 200 feet and 300 feet to any freshwater well or spring. The Site is not within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance, and is not within a 100-year floodplain or overlying a subsurface mine. The Site is underlain by stable geology (low potential karst designation area).

Based on the results of the Site Characterization, the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH): 100 mg/kg
- Chloride: 600 mg/kg

Since the release area is on an active facility pad in an area reasonably needed for production operations or for subsequent drilling operations, per 19.15.29.13(D) NMAC, the disturbed areas are not required to meet the reclamation requirements at this time. However, since the Site currently meets the most stringent Closure Criteria and therefore the reclamation requirements set forth in 19.15.29.13 NMAC, reclamation of the site will include the replacement of removed material that is comparable to and contains non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg and TPH concentrations less than 100 mg/kg. The area will be compacted and contoured to pre-existing conditions to achieve erosion control, long-term stability and to minimize dust and erosion to the extent practical. Once the facility is decommissioned in the future, Enterprise will take subsequent steps towards re-vegetation and restoration of the area per 19.15.29.13(D) NMAC.

EXCAVATION ACTIVITIES AND LABORATORY ANALYTICAL RESULTS

Between October 22, 2025, and November 11, 2025, Ensolum personnel were at the Site to oversee excavation of impacted soil in the area. Excavation activities were performed using a backhoe and transport vehicles. To direct excavation activities, soil was screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chlorides utilizing Hach® chloride QuanTab® test strips. The excavation was completed to depths ranging from 1-foot to 2.5 feet bgs. Photographic documentation of the excavation activities is included in Appendix B.

Following removal of impacted soil, 5-point composite soil samples were collected every 200 square feet from the floor and sidewalls of the excavation. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples FS01 through FS13 were collected from the floor of the excavation at depths ranging from 1-foot to 2.5 feet bgs. Composite soil samples SW01 through SW03 were collected from the sidewalls of the excavation at depths ranging from ground surface to 2.5 feet bgs. The excavation extent and excavation soil sample locations were mapped utilizing a handheld GPS and are presented on Figure 3.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico, for analysis of the following contaminants of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-gasoline range organics (GRO), TPH-diesel range

Enterprise Field Services LLC
Closure Request
South Eddy Amine Release

Page 3

organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following Standard Method 4500 Cl-B.

Laboratory analytical results for the final excavation floor soil samples FS01 through FS13 and the final excavation sidewall soil samples SW01 through SW03 indicated all COC concentrations were compliant with the applicable Closure Criteria. Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included as Appendix C.

The final excavation area measured approximately 2,647 square feet. A total of approximately 172 cubic yards of impacted soil was removed, transported, and properly disposed of at Lea Land Facility in Hobbs, New Mexico. Subsequent to receipt of final laboratory analytical results, the excavation was backfilled with clean fill material and recontoured back to original grade. The backfill laboratory analytical results are summarized in Table 2 and the complete laboratory analytical report is included as Appendix C.

CLOSURE REQUEST

Excavation activities were conducted at the Site to the maximum extent practicable to address the July 7, 2025, release of rich amine. Laboratory analytical results for the excavation confirmation soil samples indicated all COC concentrations were compliant with the applicable Table I Closure Criteria.

Since the release area is on an active facility pad in an area reasonably needed for production operations or for subsequent drilling operations, per 19.15.29.13(D) NMAC, the disturbed areas were not required to meet the reclamation requirements at this time. However, since the Site currently meets the most stringent Closure Criteria and therefore the reclamation requirements set forth in 19.15.29.13 NMAC, reclamation of the site included the replacement of the removed material that was comparable to and contained non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg and TPH concentrations less than 100 mg/kg. The area was compacted and contoured to pre-existing conditions to achieve erosion control, long-term stability and to minimize dust and erosion to the extent practical. Once the facility is decommissioned in the future, Enterprise will take subsequent steps towards re-vegetation and restoration of the area per 19.15.29.13(D) NMAC.

Enterprise believes the remedial actions completed are protective of human health, the environment, and groundwater. As such, Enterprise respectfully requests closure for Incident Number NAPP2518927068.

If you have any questions or comments, please contact Ms. Kelly Lowery at (214) 733-3165 or klowery@ensolum.com.

Sincerely,
Ensolum, LLC



Kelly Lowery
Project Geologist



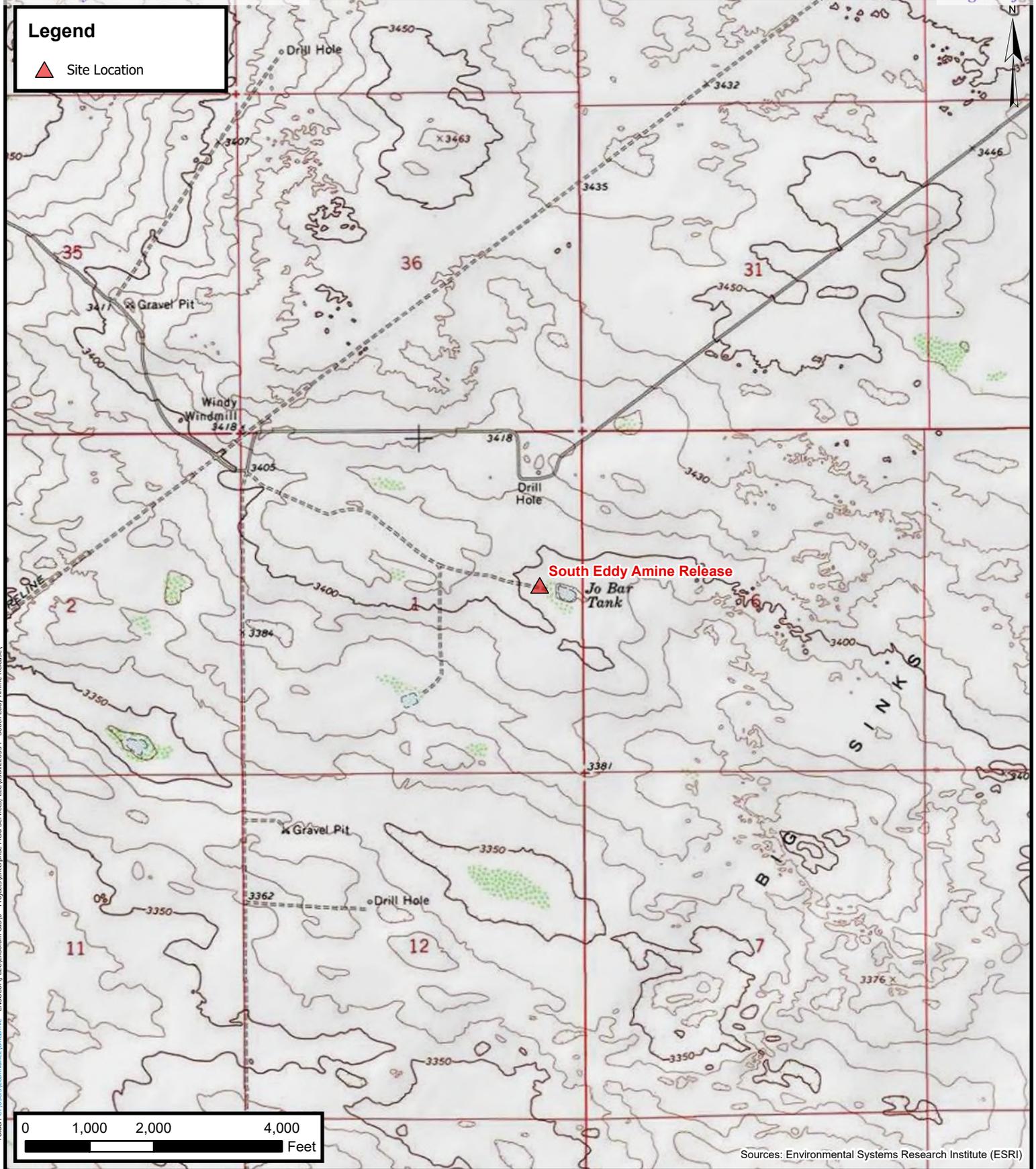
Beaux Jennings
Associate Principal

cc: Julianna Falcomata, Enterprise Field Services LLC





FIGURES



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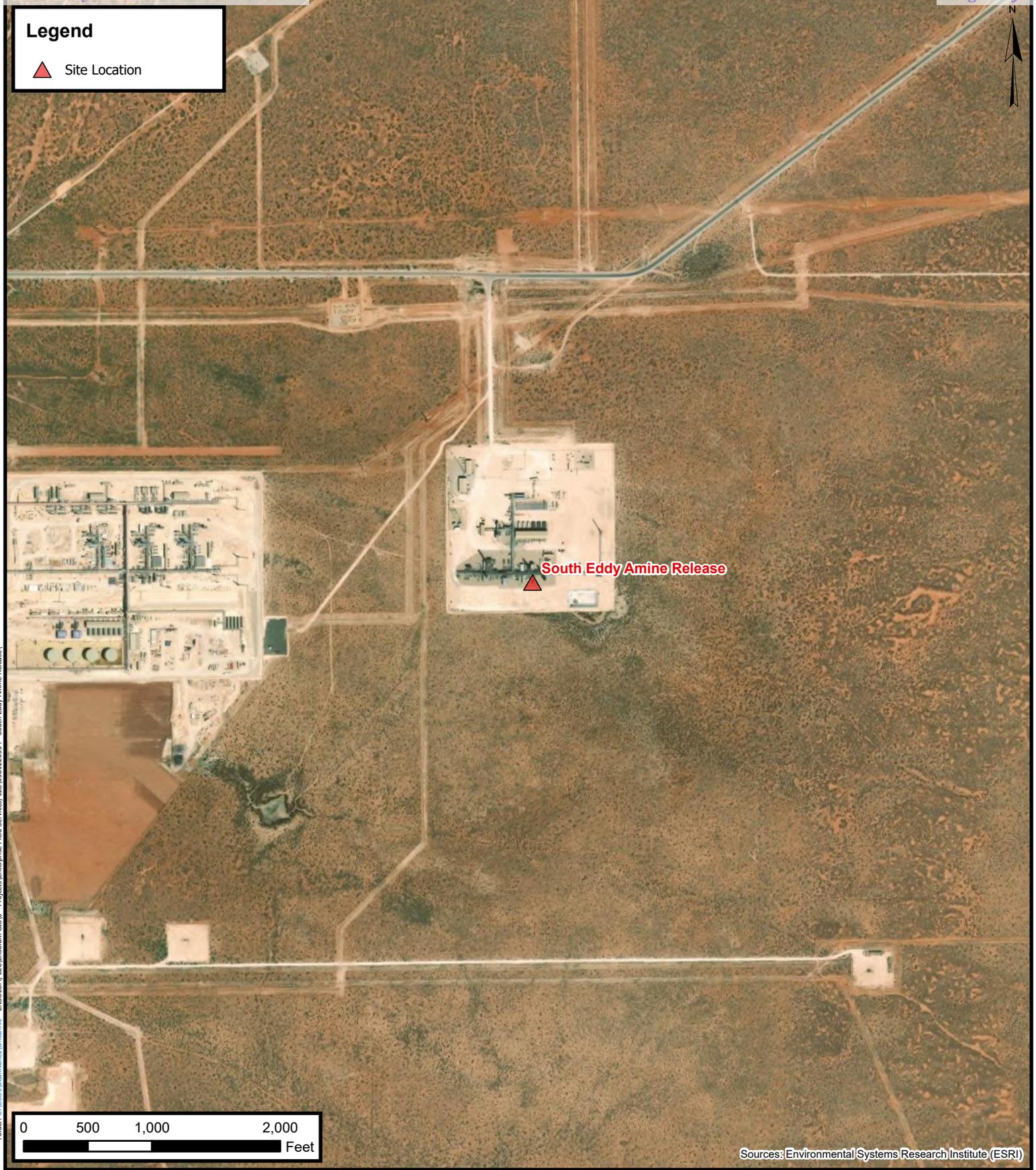


Topographic Map

Enterprise Field Services, LLC
 South Eddy Amine Release
 Incident Number: nAPP2518927068
 32.160481, -103.828926
 Eddy County, New Mexico

FIGURE

1



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Site Vicinity Map

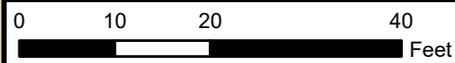
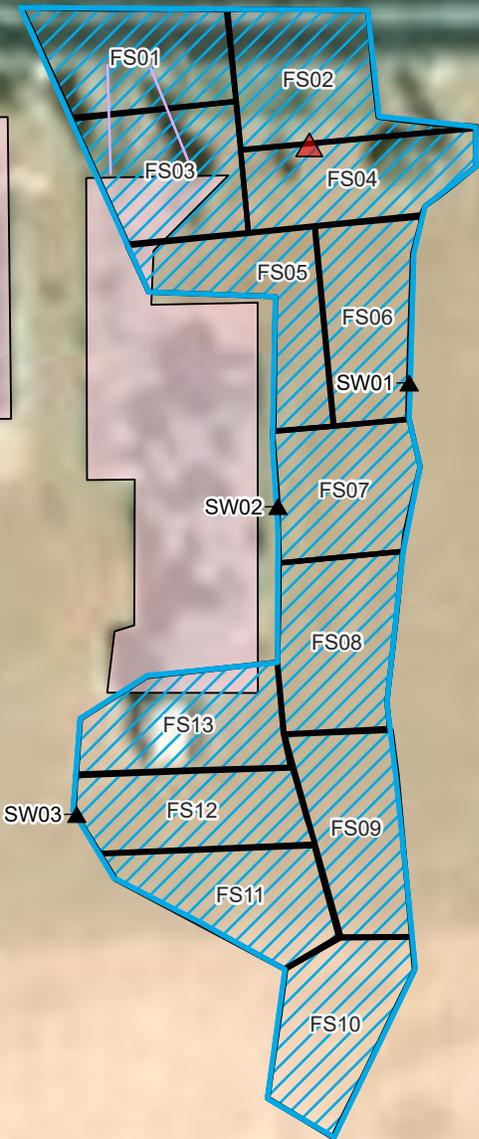
Enterprise Field Services, LLC
 South Eddy Amine Release
 Incident Number: nAPP2518927068
 32.160481, -103.828926
 Eddy County, New Mexico

FIGURE

2

Legend

-  Equipment
-  Sidewall Location
-  Point of Release (POR)
-  Infrastructure
-  200 sq. ft. Sampling Grid
-  Excavation Extent



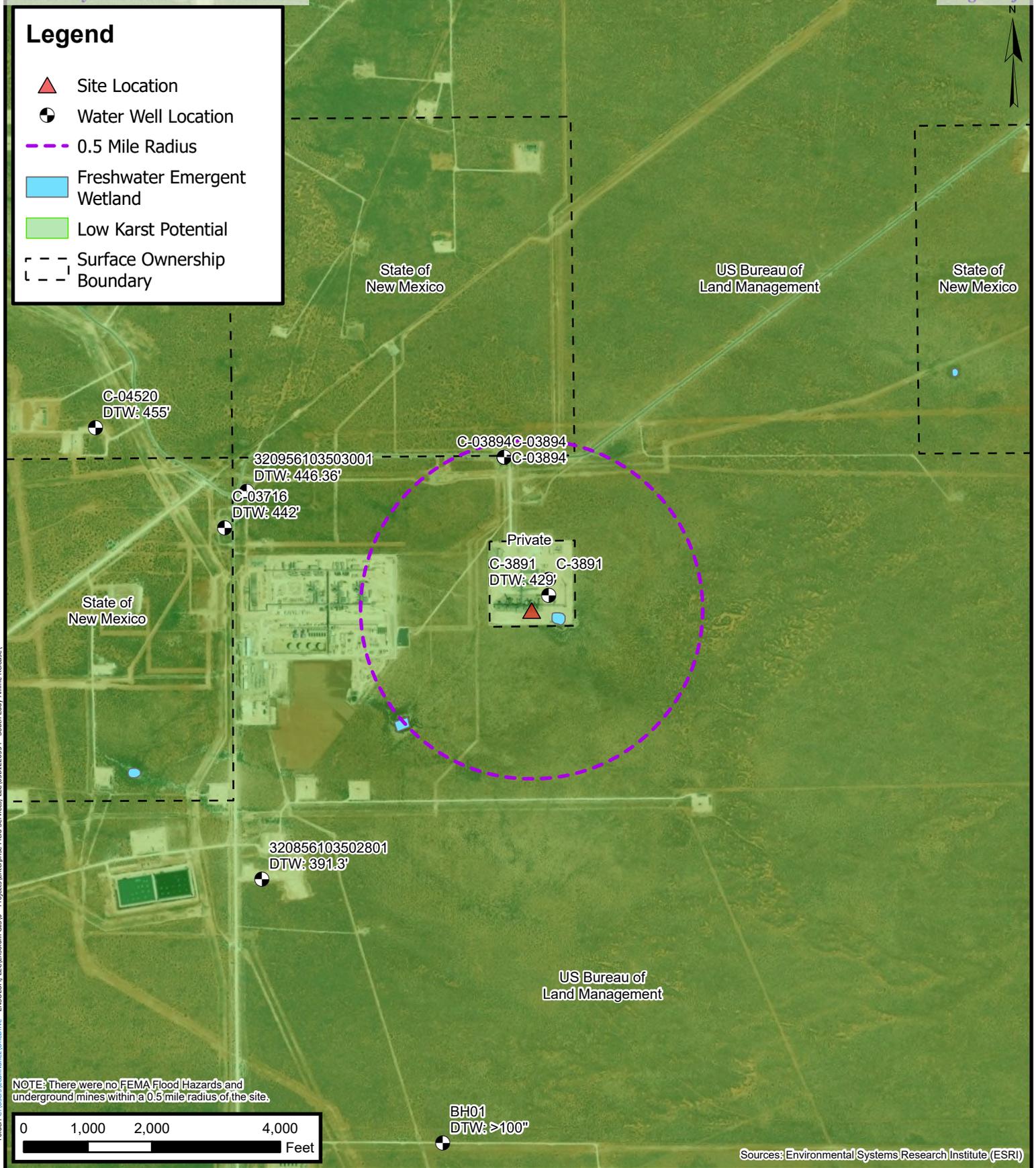
Sources: Environmental Systems Research Institute (ESRI)



Site Map

Enterprise Field Services, LLC
 South Eddy Amine Release
 Incident Number: nAPP2518927068
 32.160481, -103.828926
 Eddy County, New Mexico

FIGURE
3



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Closure Criteria Map

Enterprise Field Services, LLC
 South Eddy Amine Release
 Incident Number: nAPP2518927068
 32.160481, -103.828926
 Eddy County, New Mexico

FIGURE

4



TABLES

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 South Eddy Amine Release
 Enterprise Field Services LLC
 Lea County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	NE	100	600
Excavation Floor Soil Samples										
FS01	10/22/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS02	10/22/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS03	10/22/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS04	10/22/2025	1	<0.050	<0.300	<10.0	28.9	15.8	28.9	44.7	<16.0
FS05	10/22/2025	1	<0.050	<0.300	<10.0	12.4	25.6	12.4	38.0	32.0
FS06	10/22/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS07	10/22/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS08	10/22/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS09	10/22/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS10	10/22/2025	1	<0.050	<0.300	<10.0	<10.0	23.4	<10.0	23.4	176
FS11	10/22/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
FS12	10/22/2025	4	<0.050	<0.300	<10.0	61.3	192	61.3	253	144
	11/11/2025	2.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS13	10/22/2025	1	<0.050	<0.300	<10.0	19.3	73.7	19.3	93.0	144
Excavation Sidewall Soil Samples										
SW01	10/22/2025	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
SW02	10/22/2025	0-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW03	11/11/2025	0-2.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NE: Not Established

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

TPH: Total Petroleum Hydrocarbon

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

Gray text indicates soil sample removed during excavation activities



TABLE 2
BACKFILL SOIL SAMPLE ANALYTICAL RESULTS
 South Eddy Amine Release
 Enterprise Field Services LLC
 Lea County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	NE	100	600
Backfill Soil Sample										
BF01	11/21/2025	NA	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240

Notes:

bgs: below ground surface
mg/kg: milligrams per kilogram
NA: Not Applicable
NE: Not Established
NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code
TPH: Total Petroleum Hydrocarbon
GRO: Gasoline Range Organics
DRO: Diesel Range Organics
ORO: Oil Range Organics

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



APPENDIX A

Supporting Documentation



WELL RECORD & LOG
OFFICE OF THE STATE ENGINEER
 www.ose.state.nm.us

STATE ENGINEER OFFICE
 ROSWELL, NEW MEXICO
 2015 DEC -4 AM 10: 03

1. GENERAL AND WELL LOCATION	OSE POD NUMBER (WELL NUMBER) C-3891 POD-2				OSE FILE NUMBER(S) C-3891					
	WELL OWNER NAME(S) Enterprise Partners L.P.				PHONE (OPTIONAL)					
	WELL OWNER MAILING ADDRESS 1100 Louisiana St. Rm11.104				CITY Houston		STATE TX		ZIP 77002	
	WELL LOCATION (FROM GPS)		DEGREES 32		MINUTES 9		SECONDS 39.8		N	
			LONGITUDE 103		49		37.1		W	
* ACCURACY REQUIRED: ONE TENTH OF A SECOND										
* DATUM REQUIRED: WGS 84										
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE 15 miles southeast of Malaga, NM Section 1 Township 25S Range 30E										
2. DRILLING & CASING INFORMATION	LICENSE NUMBER WD-1723		NAME OF LICENSED DRILLER Randy Stewart				NAME OF WELL DRILLING COMPANY Stewart Bros. Drilling			
	DRILLING STARTED 11/10/15		DRILLING ENDED 11/14/15		DEPTH OF COMPLETED WELL (FT) 635		BORE HOLE DEPTH (FT) 650		DEPTH WATER FIRST ENCOUNTERED (FT) 429	
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)							STATIC WATER LEVEL IN COMPLETED WELL (FT) 429		
	DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" type="checkbox"/> MUD ADDITIVES - SPECIFY:									
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:									
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)		CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)	
	FROM	TO								
	0	20	18	J-55 Steel		N/A	12.625	.375	N/A	
	20	459	12.250	ATSM A53 grade B steel		Weld	6.125	.250	N/A	
	459	460	12.250	Dissimilar metal adapter		Weld	6.125	.250	N/A	
460	635	12.250	ASTM A778 304 Stainless Steel		Weld	6.125	.250	1/16		
635	650	12.250	None		N/A	N/A	N/A			
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL			AMOUNT (cubic feet)		METHOD OF PLACEMENT	
	FROM	TO								
	0	5	12.250	1/4" Pea Gravel			3		Tremie	
	5	427	12.250	Neat Cement			245		Tremie	
	427	429	12.250	#100 fine sand			2		Tremie	
	429	650	12.250	8-12 Sand			149		Tremie	

FOR OSE INTERNAL USE

FILE NUMBER	C-3891	POD NUMBER	2	WR-20 WELL RECORD & LOG (Version 10/29/15)
LOCATION	25S.30E.1.2.44	TRN NUMBER	571228	MONITOR
				PAGE 1 OF 2

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO

DEPTH (feet bgl)	THICKNESS (feet)		COLOR AND TYPE OF MATERIAL ENCOUNTERED INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO			
0	20	20	Caliche- hard medium to fine sand	Y ✓ N	
20	50	30	Sand- tan, medium to fine grained, some silt	Y ✓ N	
50	180	130	Sand- light brown, medium to fine grained, poorly graded, some silt	Y ✓ N	
180	200	20	Silty sand- light brown, well graded	Y ✓ N	
200	210	10	Sand- lt. brown, medium to fine grain, poorly graded, some silt, few fine gravel	Y ✓ N	
210	280	70	Clayey silt- reddish brown, fine to medium sand	Y ✓ N	
280	360	80	Silty sand- light brown, medium to fine grained, reddish silt	Y ✓ N	
360	420	60	Sand- light brown, medium to fine grained, well graded, few gravel	Y ✓ N	
420	450	30	Sand- tan, fine grained, some silt	✓ Y N	
450	460	10	Silty sand- reddish brown, fine to medium grained	✓ Y N	
460	490	30	Sand, tan, fine grained, some silt	✓ Y N	
490	500	10	Sand- tan, fine grained, some silt, few fine gravel	✓ Y N	
500	530	30	Clayey silt- reddish brown, some fine sand	✓ Y N	
530	635	105	Silty sand- light brown, medium to fine grained	✓ Y N	
635	650	15	Mudstone- Red	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:				TOTAL ESTIMATED WELL YIELD (gpm): 33+ 0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: 18 hr. drawdown= 67.5' @33gpm, well yield exceeds 33 GPM	
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Danny L White	

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:	
	SIGNATURE OF DRILLER / PRINT SIGNEE NAME <i>Ronald Blumenthal</i>	DATE 12/1/15

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 06/08/2012)	
FILE NUMBER	C-3891	POD NUMBER	2
LOCATION	25S-30E-1-2-4-4	TRN NUMBER	571228
			PAGE 2 OF 2



SAFETY DATA SHEET

THE DOW CHEMICAL COMPANY

Product name: UCARSOL™ AP SOLVENT 814 45%

Issue Date: 04/28/2015

Print Date: 02/01/2018

THE DOW CHEMICAL COMPANY encourages and expects you to read and understand the entire (M)SDS, as there is important information throughout the document. We expect you to follow the precautions identified in this document unless your use conditions would necessitate other appropriate methods or actions.

1. IDENTIFICATION

Product name: UCARSOL™ AP SOLVENT 814 45%

Recommended use of the chemical and restrictions on use

Identified uses: Carbon dioxide removal. We recommend that you use this product in a manner consistent with the listed use. If your intended use is not consistent with the stated use, please contact your sales or technical service representative. Gas treatment agent.

COMPANY IDENTIFICATION

THE DOW CHEMICAL COMPANY
2030 WILLARD H DOW CENTER
MIDLAND MI 48674-0000
UNITED STATES

Customer Information Number:

800-258-2436
SDSQuestion@dow.com

EMERGENCY TELEPHONE NUMBER

24-Hour Emergency Contact: CHEMTREC +1 800-424-9300

Local Emergency Contact: 800-424-9300

2. HAZARDS IDENTIFICATION

Hazard classification

This material is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

Acute toxicity - Category 4 - Oral

Serious eye damage - Category 1

Respiratory sensitisation - Category 1

Skin sensitisation - Category 1

Reproductive toxicity - Category 2

Label elements

Hazard pictograms

Product name: UCARSOL™ AP SOLVENT 814 45%**Issue Date: 04/28/2015**Signal word: **DANGER!****Hazards**

Harmful if swallowed.

May cause an allergic skin reaction.

Causes serious eye damage.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Suspected of damaging fertility or the unborn child.

Precautionary statements**Prevention**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

Wash skin thoroughly after handling.

Do not eat, drink or smoke when using this product.

Contaminated work clothing should not be allowed out of the workplace.

Wear eye protection/ face protection.

Wear protective gloves.

Use personal protective equipment as required.

In case of inadequate ventilation wear respiratory protection.

Response

IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth.

IF ON SKIN: Wash with plenty of soap and water.

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.

IF exposed or concerned: Get medical advice/ attention.

If skin irritation or rash occurs: Get medical advice/ attention.

Wash contaminated clothing before reuse.

Storage

Store locked up.

Disposal

Dispose of contents/ container to an approved waste disposal plant.

Other hazards

no data available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product name: UCARSOL™ AP SOLVENT 814 45%**Issue Date: 04/28/2015**

This product is a mixture.

Component	CASRN	Concentration
Substituted amine (1)	Trade secret	<= 40.0 %
Substituted amine (2)	Trade secret	<= 10.0 %
Water	7732-18-5	<= 60.0 %

4. FIRST AID MEASURES

Description of first aid measures

General advice: First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists refer to Section 8 for specific personal protective equipment.

Inhalation: Move person to fresh air. If not breathing, give artificial respiration; if by mouth to mouth use rescuer protection (pocket mask, etc). If breathing is difficult, oxygen should be administered by qualified personnel. Call a physician or transport to a medical facility.

Skin contact: Remove material from skin immediately by washing with soap and plenty of water. Remove contaminated clothing and shoes while washing. Seek medical attention if irritation persists. Wash clothing before reuse. Items which cannot be decontaminated, including leather articles such as shoes, belts, and watchbands should be disposed of properly.

Eye contact: Wash immediately and continuously with flowing water for at least 30 minutes. Remove contact lenses after the first 5 minutes and continue washing. Obtain prompt medical consultation, preferably from an ophthalmologist. Suitable emergency eye wash facility should be immediately available.

Ingestion: If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.

Most important symptoms and effects, both acute and delayed: Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.

Indication of any immediate medical attention and special treatment needed

Notes to physician: Maintain adequate ventilation and oxygenation of the patient. May cause respiratory sensitization or asthma-like symptoms. Bronchodilators, expectorants and antitussives may be of help. Treat bronchospasm with inhaled beta2 agonist and oral or parenteral corticosteroids. Chemical eye burns may require extended irrigation. Obtain prompt consultation, preferably from an ophthalmologist. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient. Excessive exposure may aggravate preexisting asthma and other respiratory disorders (e.g. emphysema, bronchitis, reactive airways dysfunction syndrome).

Product name: UCARSOL™ AP SOLVENT 814 45%**Issue Date: 04/28/2015**

5. FIREFIGHTING MEASURES

Suitable extinguishing media: To extinguish combustible residues of this product use water fog, carbon dioxide, dry chemical or foam.

Unsuitable extinguishing media: no data available

Special hazards arising from the substance or mixture

Hazardous combustion products: Under fire conditions some components of this product may decompose. The smoke may contain unidentified toxic and/or irritating compounds. Combustion products may include and are not limited to: Nitrogen oxides. Carbon monoxide. Carbon dioxide.

Unusual Fire and Explosion Hazards: This material will not burn until the water has evaporated. Residue can burn.

Advice for firefighters

Fire Fighting Procedures: Keep people away. Isolate fire and deny unnecessary entry. To extinguish combustible residues of this product use water fog, carbon dioxide, dry chemical or foam. Contain fire water run-off if possible. Fire water run-off, if not contained, may cause environmental damage. Review the "Accidental Release Measures" and the "Ecological Information" sections of this (M)SDS.

Special protective equipment for firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Ventilate area of leak or spill. Evacuate area. Only trained and properly protected personnel must be involved in clean-up operations. Keep upwind of spill. Refer to section 7, Handling, for additional precautionary measures. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.

Environmental precautions: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.

Methods and materials for containment and cleaning up: Contain spilled material if possible. Collect in suitable and properly labeled containers. See Section 13, Disposal Considerations, for additional information.

7. HANDLING AND STORAGE

Precautions for safe handling: Do not get in eyes, on skin, on clothing. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling. Do not swallow. Avoid breathing vapor. Use with adequate ventilation. Keep container closed. See Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION.

Spills of these organic materials on hot fibrous insulations may lead to lowering of the autoignition temperatures possibly resulting in spontaneous combustion.

Product name: UCARSOL™ AP SOLVENT 814 45%**Issue Date: 04/28/2015****Conditions for safe storage:** Do not store in:**Storage stability****Storage Period:****Bulk**

18 Month

Metal drums.

36 Month

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters**

Exposure limits are listed below, if they exist.

Component	Regulation	Type of listing	Value/Notation
Substituted amine (2)	ACGIH	TWA Inhalable fraction and vapor	0.03 ppm, Substituted amine (2)
	ACGIH	TWA	DSEN, RSEN

An Occupational Exposure Limit is available for one of the ingredients of this product. Please consult your business representative for assistance with exposure assessment and monitoring programs.

Exposure controls

Engineering controls: Use engineering controls to maintain airborne level below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations.

Individual protection measures

Eye/face protection: Use chemical goggles.

Skin protection

Hand protection: Use gloves chemically resistant to this material. Examples of preferred glove barrier materials include: Chlorinated polyethylene. Polyethylene. Ethyl vinyl alcohol laminate ("EVAL"). Examples of acceptable glove barrier materials include: Butyl rubber. Natural rubber ("latex"). Neoprene. Nitrile/butadiene rubber ("nitrile" or "NBR"). Polyvinyl chloride ("PVC" or "vinyl"). Viton. Avoid gloves made of: Polyvinyl alcohol ("PVA"). **NOTICE:** The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.

Other protection: Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task.

Respiratory protection: Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use an approved respirator. Selection of air-purifying or positive-pressure supplied-air will depend on the specific operation and the potential airborne concentration of the material. For emergency conditions, use an approved positive-pressure self-contained breathing apparatus.

The following should be effective types of air-purifying respirators: Organic vapor cartridge with a particulate pre-filter.

Product name: UCARSOL™ AP SOLVENT 814 45%

Issue Date: 04/28/2015

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Physical state	liquid
Color	Yellow
Odor	Ammoniacal
Odor Threshold	No test data available
pH	No test data available
Melting point/range	Not applicable to liquids
Freezing point	-17 °C (1 °F) <i>ASTMD97</i>
Boiling point (760 mmHg)	103.6 °C (218.5 °F) <i>ASTMD1120</i>
Flash point	closed cup <i>Pensky-Martens Closed Cup ASTM D 93</i> none below boiling point
Evaporation Rate (Butyl Acetate = 1)	No test data available
Flammability (solid, gas)	Not applicable to liquids
Lower explosion limit	20 % vol <i>ASTME681</i>
Upper explosion limit	<i>ASTME681</i> Not determined
Vapor Pressure	< 5.2 mmHg at 20 °C (68 °F) <i>Literature</i>
Relative Vapor Density (air = 1)	>1 <i>Calculated.</i>
Relative Density (water = 1)	1.037 at 20 °C (68 °F) <i>Unspecified</i>
Water solubility	100 % <i>Measured</i>
Partition coefficient: n-octanol/water	no data available
Auto-ignition temperature	340 °C (644 °F) at 764 mmHg <i>ASTME659</i>
Decomposition temperature	No test data available
Kinematic Viscosity	8.0 mm ² /s at 20 °C (68 °F) <i>ASTMD 445</i>
Explosive properties	no data available
Oxidizing properties	no data available
Molecular weight	no data available

NOTE: The physical data presented above are typical values and should not be construed as a specification.

10. STABILITY AND REACTIVITY

Reactivity: no data available

Chemical stability: Stable under recommended storage conditions. See Storage, Section 7.

Possibility of hazardous reactions: Polymerization will not occur.

Conditions to avoid: Some components of this product can decompose at elevated temperatures.

Incompatible materials: Avoid contact with: Acrylates. Alcohols. Aldehydes. Ketones. Nitrites. Strong acids. Strong oxidizers. Avoid contact with metals such as: Aluminum. Copper. Copper

Product name: UCARSOL™ AP SOLVENT 814 45%**Issue Date: 04/28/2015**

alloys. Galvanized metals. Zinc. Avoid unintended contact with: Halogenated hydrocarbons. Avoid contact with absorbent materials such as: Ground corn cobs. Moist organic absorbents. Peat moss. Sawdust.

Hazardous decomposition products: Decomposition products depend upon temperature, air supply and the presence of other materials.

11. TOXICOLOGICAL INFORMATION

Toxicological information on this product or its components appear in this section when such data is available.

Acute toxicity

Acute oral toxicity

Based on information for component(s):
LD50, Rat, > 500 mg/kg

Acute dermal toxicity

Based on information for component(s):
LD50, Rabbit, > 1,000 mg/kg

Acute inhalation toxicity

At room temperature, exposure to vapor is minimal due to low volatility. If material is heated or aerosol/mist is produced, concentrations may be attained that are sufficient to cause respiratory irritation and other effects. Asthma-like symptoms may include coughing, difficult breathing and a feeling of tightness in the chest. Occasionally, breathing difficulties may be life threatening.

As product: The LC50 has not been determined.

Skin corrosion/irritation

Brief contact may cause slight skin irritation with local redness.
Prolonged contact may cause slight skin irritation with local redness.

Serious eye damage/eye irritation

May cause severe irritation with corneal injury which may result in permanent impairment of vision, even blindness. Chemical burns may occur.

Sensitization

Based on information for component(s):
Skin contact may cause an allergic skin reaction.
Has demonstrated the potential for contact allergy in mice.
Individuals who have had an allergic skin reaction to similar materials may have an allergic skin reaction to this product.
The similar material(s) is/are:
Triethylenetetramine (TETA).

For the component(s) tested:
May cause allergic respiratory reaction.

Specific Target Organ Systemic Toxicity (Single Exposure)

Evaluation of available data suggests that this material is not an STOT-SE toxicant.

Product name: UCARSOL™ AP SOLVENT 814 45%**Issue Date: 04/28/2015****Specific Target Organ Systemic Toxicity (Repeated Exposure)**

Excessive exposure may cause neurologic signs and symptoms.

Carcinogenicity

For the minor component(s): Did not cause cancer in laboratory animals.

Teratogenicity

For the minor component(s): Has caused birth defects in laboratory animals only at doses toxic to the mother. Has been toxic to the fetus in laboratory animals at doses toxic to the mother.

Reproductive toxicity

For the minor component(s): In animal studies, has been shown to interfere with reproduction. In animal studies, has been shown to interfere with fertility.

Mutagenicity

In vitro genetic toxicity studies were negative for component(s) tested. Genetic toxicity studies in animals were negative for component(s) tested.

Aspiration Hazard

Based on available information, aspiration hazard could not be determined.

COMPONENTS INFLUENCING TOXICOLOGY:**Substituted amine (1)****Acute inhalation toxicity**

No deaths occurred following exposure to a saturated atmosphere.

Substituted amine (2)**Acute inhalation toxicity**

LC0, Rat, 4 Hour, vapour, 2 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicological information on this product or its components appear in this section when such data is available.

Toxicity**Substituted amine (1)****Acute toxicity to fish**

Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 > 100 mg/L in the most sensitive species tested).
LC50, Leuciscus idus (Golden orfe), static test, 96 Hour, 1,466 mg/l, DIN 38412
LC50, Pimephales promelas (fathead minnow), static test, 96 Hour, 1,200 mg/l, OECD Test Guideline 203 or Equivalent

Acute toxicity to aquatic invertebrates

EC50, Daphnia magna (Water flea), static test, 48 Hour, 2,330 mg/l, OECD Test Guideline 202 or Equivalent

Acute toxicity to algae/aquatic plants

Product name: UCARSOL™ AP SOLVENT 814 45%**Issue Date: 04/28/2015**

EC50, Desmodesmus subspicatus (green algae), static test, 72 Hour, Growth rate inhibition, > 100 mg/l, OECD Test Guideline 201 or Equivalent

Substituted amine (2)**Acute toxicity to fish**

Material is slightly toxic to aquatic organisms on an acute basis (LC50/EC50 between 10 and 100 mg/L in the most sensitive species tested).

LC50, Poecilia reticulata (guppy), semi-static test, 96 Hour, > 1,800 mg/l, OECD Test Guideline 203 or Equivalent

Acute toxicity to aquatic invertebrates

EC50, Daphnia magna (Water flea), static test, 48 Hour, 21 mg/l, OECD Test Guideline 202 or Equivalent

Acute toxicity to algae/aquatic plants

EC50, Pseudokirchneriella subcapitata (green algae), static test, 72 Hour, Growth rate inhibition, > 1,000 mg/l, OECD Test Guideline 201 or Equivalent

Toxicity to bacteria

IC50, Bacteria, 16 Hour, > 5,000 mg/l

Chronic toxicity to aquatic invertebrates

NOEC, Daphnia magna (Water flea), semi-static test, 21 d, 12.5 mg/l

Persistence and degradability**Substituted amine (1)**

Biodegradability: Material is readily biodegradable. Passes OECD test(s) for ready biodegradability. Material is ultimately biodegradable (reaches > 70% mineralization in OECD test(s) for inherent biodegradability).

10-day Window: Pass

Biodegradation: 96 %

Exposure time: 18 d

Method: OECD Test Guideline 301A or Equivalent

Theoretical Oxygen Demand: 2.29 mg/mg

Biological oxygen demand (BOD)

Incubation Time	BOD
5 d	40 %
28 d	42 %

Photodegradation

Test Type: Half-life (indirect photolysis)

Sensitizer: OH radicals

Atmospheric half-life: 1.324 Hour

Method: Estimated.

Substituted amine (2)

Product name: UCARSOL™ AP SOLVENT 814 45%**Issue Date: 04/28/2015**

Biodegradability: Material is readily biodegradable. Passes OECD test(s) for ready biodegradability.

10-day Window: Pass

Biodegradation: 65.3 %

Exposure time: 28 d

Method: OECD Test Guideline 301F or Equivalent

Photodegradation

Test Type: Half-life (indirect photolysis)

Sensitizer: OH radicals

Atmospheric half-life: 2.8 Hour

Method: Estimated.

Bioaccumulative potential

Substituted amine (1)

Bioaccumulation: Bioconcentration potential is low (BCF < 100 or Log Pow < 3).

Partition coefficient: n-octanol/water(log Pow): -1.08 Measured

Substituted amine (2)

Bioaccumulation: Bioconcentration potential is low (BCF < 100 or Log Pow < 3).

Partition coefficient: n-octanol/water(log Pow): -1.24 Measured

Bioconcentration factor (BCF): < 3.9 Cyprinus carpio (Carp) 42 d Measured

Mobility in soil

Substituted amine (1)

Potential for mobility in soil is high (Koc between 50 and 150).

Partition coefficient(Koc): 53 Estimated.

Substituted amine (2)

Potential for mobility in soil is low (Koc between 500 and 2000).

Partition coefficient(Koc): 507 Measured

13. DISPOSAL CONSIDERATIONS

Disposal methods: DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN MSDS SECTION: Composition Information. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Incinerator or other thermal destruction device.

14. TRANSPORT INFORMATION

DOT

Not regulated for transport

Product name: UCARSOL™ AP SOLVENT 814 45%**Issue Date: 04/28/2015****Classification for SEA transport (IMO-IMDG):**

Transport in bulk Not regulated for transport
according to Annex I or II Consult IMO regulations before transporting ocean bulk
of MARPOL 73/78 and the
IBC or IGC Code

Classification for AIR transport (IATA/ICAO):

Not regulated for transport

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

15. REGULATORY INFORMATION

OSHA Hazard Communication Standard

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312

Acute Health Hazard

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Pennsylvania Worker and Community Right-To-Know Act:

The following chemicals are listed because of the additional requirements of Pennsylvania law:

Components

Substituted amine (2)

CASRN

Trade secret

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

United States TSCA Inventory (TSCA)

All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Product name: UCARSOL™ AP SOLVENT 814 45%**Issue Date: 04/28/2015****16. OTHER INFORMATION****Product Literature**

Additional information on this product may be obtained by calling your sales or customer service contact. Ask for a product brochure. Additional information on this and other products may be obtained by visiting our web page.

Hazard Rating System**NFPA**

Health	Fire	Reactivity
3	0	0

Revision

Identification Number: 101211040 / A001 / Issue Date: 04/28/2015 / Version: 4.0

Most recent revision(s) are noted by the bold, double bars in left-hand margin throughout this document.

Legend

ACGIH	USA. ACGIH Threshold Limit Values (TLV)
DSEN, RSEN	Skin and respiratory sensitiser
TWA	Time weighted average

Information Source and References

This SDS is prepared by Product Regulatory Services and Hazard Communications Groups from information supplied by internal references within our company.

THE DOW CHEMICAL COMPANY urges each customer or recipient of this (M)SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this (M)SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific (M)SDSs, we are not and cannot be responsible for (M)SDSs obtained from any source other than ourselves. If you have obtained an (M)SDS from another source or if you are not sure that the (M)SDS you have is current, please contact us for the most current version.



Re: [EXTERNAL] nAPP2518927068 - Extension Request

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

Date Wed 10/15/2025 12:42 PM

To Falcomata, Julianna <JRFalcomata@eprod.com>

Cc Dunaway, Robert <rhodunaway@eprod.com>

[Use caution with links/attachments]

Good morning Julianna,

Thanks for the correspondence.

Your 90-day time extension request is approved. Remediation Due date has been updated to January 5, 2025. This information can be located within the event details for the incident.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

Regards,

Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
<http://www.emnrd.nm.gov/ocd>



From: Falcomata, Julianna <JRFalcomata@eprod.com>
Sent: Friday, October 3, 2025 11:05 AM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Dunaway, Robert <rhodunaway@eprod.com>
Subject: [EXTERNAL] nAPP2518927068 - Extension Request

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

Good Morning Nelson,

Enterprise is requesting a time extension on nAPP2518927068. The original due date for closure report submittal is October 07, 2025. Enterprise requests a time extension of an additional **90 days** for a new submittal date of

January 04, 2026. This release occurred at an active facility with strict safety guidelines regarding the use of equipment for ground disturbances. Enterprise is requesting additional time to ensure all policies and procedures are adhered to protect the safety of everyone involved in the remediation work. Please acknowledge that this variance request was received. If there are any questions, or if we need to supply additional information, please let me know.

Thank you,

Julianna Falcomata
Field Environmental Scientist
3008 E Greene St, Carlsbad, NM 88220
Mobile: (575) 266-1904
jrfalcomata@eprod.com



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

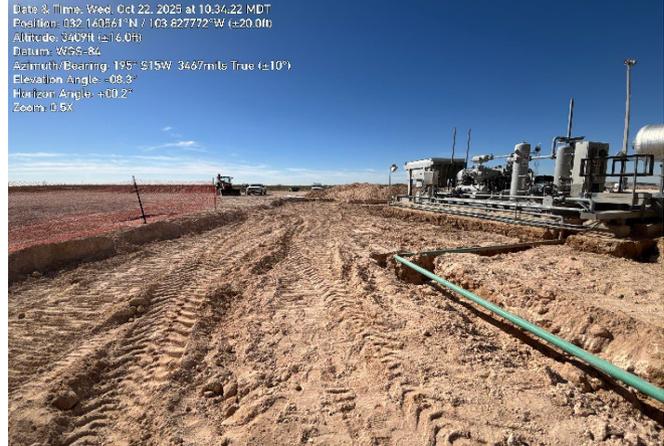


APPENDIX B

Photographic Log



Photographic Log
Enterprise Field Services LLC
South Eddy Amine Release
NAPP2518927068



Photograph: 5 Date: 10/22/2025
Description: Excavation Activities
View: North

Photograph: 6 Date: 10/22/2025
Description: Excavation Activities
View: Southwest



Photograph: 7 Date: 11/11/2025
Description: Continued Excavation Activities (FS12)
View: East

Photograph: 8 Date: 11/11/2025
Description: Continued Excavation Activities (FS12)
View: North



Photographic Log
Enterprise Field Services LLC
South Eddy Amine Release
NAPP2518927068



Photograph: 9 Date: 11/21/2025
Description: Post Backfill Activities
View: North

Photograph: 10 Date: 11/21/2025
Description: Post Backfill Activities
View: Southwest



APPENDIX C

Laboratory Analytical Reports & Chain of Custody Documentation



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

October 28, 2025

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

RE: SOUTH EDDY AMINE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 10/23/25 10:23.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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,

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:	10/23/2025	Sampling Date:	10/22/2025
Reported:	10/28/2025	Sampling Type:	Soil
Project Name:	SOUTH EDDY AMINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	03B1226354	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - EDDY CO NM		

Sample ID: FS 01 1' (H256678-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2025	ND	1.83	91.4	2.00	0.142	
Toluene*	<0.050	0.050	10/24/2025	ND	1.96	98.2	2.00	5.91	
Ethylbenzene*	<0.050	0.050	10/24/2025	ND	2.05	103	2.00	7.14	QR-03
Total Xylenes*	<0.150	0.150	10/24/2025	ND	6.12	102	6.00	6.91	QR-03
Total BTEX	<0.300	0.300	10/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2025	ND	190	94.9	200	5.61	
DRO >C10-C28*	<10.0	10.0	10/24/2025	ND	198	99.2	200	0.805	
EXT DRO >C28-C36	<10.0	10.0	10/24/2025	ND					

Surrogate: 1-Chlorooctane 81.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 77.9 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/23/2025	Sampling Date:	10/22/2025
Reported:	10/28/2025	Sampling Type:	Soil
Project Name:	SOUTH EDDY AMINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	03B1226354	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - EDDY CO NM		

Sample ID: FS 02 1' (H256678-02)

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	10/24/2025	ND	1.83	91.4	2.00	0.142	
Toluene*	<0.050	0.050	10/24/2025	ND	1.96	98.2	2.00	5.91	
Ethylbenzene*	<0.050	0.050	10/24/2025	ND	2.05	103	2.00	7.14	
Total Xylenes*	<0.150	0.150	10/24/2025	ND	6.12	102	6.00	6.91	
Total BTEX	<0.300	0.300	10/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2025	ND	190	94.9	200	5.61	
DRO >C10-C28*	<10.0	10.0	10/24/2025	ND	198	99.2	200	0.805	
EXT DRO >C28-C36	<10.0	10.0	10/24/2025	ND					

Surrogate: 1-Chlorooctane 86.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 83.5 % 39.9-141

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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:	10/23/2025	Sampling Date:	10/22/2025
Reported:	10/28/2025	Sampling Type:	Soil
Project Name:	SOUTH EDDY AMINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	03B1226354	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - EDDY CO NM		

Sample ID: FS 03 1' (H256678-03)

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	10/24/2025	ND	1.83	91.4	2.00	0.142	
Toluene*	<0.050	0.050	10/24/2025	ND	1.96	98.2	2.00	5.91	
Ethylbenzene*	<0.050	0.050	10/24/2025	ND	2.05	103	2.00	7.14	
Total Xylenes*	<0.150	0.150	10/24/2025	ND	6.12	102	6.00	6.91	
Total BTEX	<0.300	0.300	10/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/24/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2025	ND	190	94.9	200	5.61	
DRO >C10-C28*	<10.0	10.0	10/24/2025	ND	198	99.2	200	0.805	
EXT DRO >C28-C36	<10.0	10.0	10/24/2025	ND					

Surrogate: 1-Chlorooctane 81.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 78.2 % 39.9-141

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Analytical Results For:

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

Received:	10/23/2025	Sampling Date:	10/22/2025
Reported:	10/28/2025	Sampling Type:	Soil
Project Name:	SOUTH EDDY AMINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	03B1226354	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - EDDY CO NM		

Sample ID: FS 04 1' (H256678-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/24/2025	ND	1.83	91.4	2.00	0.142		
Toluene*	<0.050	0.050	10/24/2025	ND	1.96	98.2	2.00	5.91		
Ethylbenzene*	<0.050	0.050	10/24/2025	ND	2.05	103	2.00	7.14		
Total Xylenes*	<0.150	0.150	10/24/2025	ND	6.12	102	6.00	6.91		
Total BTEX	<0.300	0.300	10/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/24/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/24/2025	ND	190	94.9	200	5.61		
DRO >C10-C28*	28.9	10.0	10/24/2025	ND	198	99.2	200	0.805		
EXT DRO >C28-C36	15.8	10.0	10/24/2025	ND						

Surrogate: 1-Chlorooctane 84.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 81.0 % 39.9-141

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Analytical Results For:

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

Received:	10/23/2025	Sampling Date:	10/22/2025
Reported:	10/28/2025	Sampling Type:	Soil
Project Name:	SOUTH EDDY AMINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	03B1226354	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - EDDY CO NM		

Sample ID: FS 05 1' (H256678-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2025	ND	1.83	91.4	2.00	0.142	
Toluene*	<0.050	0.050	10/24/2025	ND	1.96	98.2	2.00	5.91	
Ethylbenzene*	<0.050	0.050	10/24/2025	ND	2.05	103	2.00	7.14	
Total Xylenes*	<0.150	0.150	10/24/2025	ND	6.12	102	6.00	6.91	
Total BTEX	<0.300	0.300	10/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2025	ND	190	94.9	200	5.61	
DRO >C10-C28*	12.4	10.0	10/24/2025	ND	198	99.2	200	0.805	
EXT DRO >C28-C36	25.6	10.0	10/24/2025	ND					

Surrogate: 1-Chlorooctane 81.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 80.8 % 39.9-141

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Analytical Results For:

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

Received:	10/23/2025	Sampling Date:	10/22/2025
Reported:	10/28/2025	Sampling Type:	Soil
Project Name:	SOUTH EDDY AMINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	03B1226354	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - EDDY CO NM		

Sample ID: FS 06 1' (H256678-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/24/2025	ND	1.83	91.4	2.00	0.142		
Toluene*	<0.050	0.050	10/24/2025	ND	1.96	98.2	2.00	5.91		
Ethylbenzene*	<0.050	0.050	10/24/2025	ND	2.05	103	2.00	7.14		
Total Xylenes*	<0.150	0.150	10/24/2025	ND	6.12	102	6.00	6.91		
Total BTEX	<0.300	0.300	10/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/24/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/24/2025	ND	190	94.9	200	5.61		
DRO >C10-C28*	<10.0	10.0	10/24/2025	ND	198	99.2	200	0.805		
EXT DRO >C28-C36	<10.0	10.0	10/24/2025	ND						

Surrogate: 1-Chlorooctane 82.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 80.5 % 39.9-141

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Analytical Results For:

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

Received:	10/23/2025	Sampling Date:	10/22/2025
Reported:	10/28/2025	Sampling Type:	Soil
Project Name:	SOUTH EDDY AMINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	03B1226354	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - EDDY CO NM		

Sample ID: FS 07 1' (H256678-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/24/2025	ND	1.83	91.4	2.00	0.142		
Toluene*	<0.050	0.050	10/24/2025	ND	1.96	98.2	2.00	5.91		
Ethylbenzene*	<0.050	0.050	10/24/2025	ND	2.05	103	2.00	7.14		
Total Xylenes*	<0.150	0.150	10/24/2025	ND	6.12	102	6.00	6.91		
Total BTEX	<0.300	0.300	10/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	10/24/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/24/2025	ND	190	94.9	200	5.61		
DRO >C10-C28*	<10.0	10.0	10/24/2025	ND	198	99.2	200	0.805		
EXT DRO >C28-C36	<10.0	10.0	10/24/2025	ND						

Surrogate: 1-Chlorooctane 77.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.2 % 39.9-141

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Analytical Results For:

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

Received:	10/23/2025	Sampling Date:	10/22/2025
Reported:	10/28/2025	Sampling Type:	Soil
Project Name:	SOUTH EDDY AMINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	03B1226354	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - EDDY CO NM		

Sample ID: FS 08 1' (H256678-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/24/2025	ND	1.83	91.4	2.00	0.142		
Toluene*	<0.050	0.050	10/24/2025	ND	1.96	98.2	2.00	5.91		
Ethylbenzene*	<0.050	0.050	10/24/2025	ND	2.05	103	2.00	7.14		
Total Xylenes*	<0.150	0.150	10/24/2025	ND	6.12	102	6.00	6.91		
Total BTEX	<0.300	0.300	10/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/24/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/24/2025	ND	190	94.9	200	5.61		
DRO >C10-C28*	<10.0	10.0	10/24/2025	ND	198	99.2	200	0.805		
EXT DRO >C28-C36	<10.0	10.0	10/24/2025	ND						

Surrogate: 1-Chlorooctane 88.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 86.8 % 39.9-141

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Analytical Results For:

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

Received:	10/23/2025	Sampling Date:	10/22/2025
Reported:	10/28/2025	Sampling Type:	Soil
Project Name:	SOUTH EDDY AMINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	03B1226354	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - EDDY CO NM		

Sample ID: FS 09 1' (H256678-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2025	ND	1.83	91.4	2.00	0.142	
Toluene*	<0.050	0.050	10/24/2025	ND	1.96	98.2	2.00	5.91	
Ethylbenzene*	<0.050	0.050	10/24/2025	ND	2.05	103	2.00	7.14	
Total Xylenes*	<0.150	0.150	10/24/2025	ND	6.12	102	6.00	6.91	
Total BTEX	<0.300	0.300	10/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	10/27/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2025	ND	190	94.9	200	5.61	
DRO >C10-C28*	<10.0	10.0	10/24/2025	ND	198	99.2	200	0.805	
EXT DRO >C28-C36	<10.0	10.0	10/24/2025	ND					

Surrogate: 1-Chlorooctane 62.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 60.2 % 39.9-141

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Analytical Results For:

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

Received:	10/23/2025	Sampling Date:	10/22/2025
Reported:	10/28/2025	Sampling Type:	Soil
Project Name:	SOUTH EDDY AMINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	03B1226354	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - EDDY CO NM		

Sample ID: FS 10 1' (H256678-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2025	ND	1.83	91.4	2.00	0.142	
Toluene*	<0.050	0.050	10/24/2025	ND	1.96	98.2	2.00	5.91	
Ethylbenzene*	<0.050	0.050	10/24/2025	ND	2.05	103	2.00	7.14	
Total Xylenes*	<0.150	0.150	10/24/2025	ND	6.12	102	6.00	6.91	
Total BTEX	<0.300	0.300	10/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	10/27/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2025	ND	190	94.9	200	5.61	
DRO >C10-C28*	<10.0	10.0	10/24/2025	ND	198	99.2	200	0.805	
EXT DRO >C28-C36	23.4	10.0	10/24/2025	ND					

Surrogate: 1-Chlorooctane 56.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 55.4 % 39.9-141

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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:	10/23/2025	Sampling Date:	10/22/2025
Reported:	10/28/2025	Sampling Type:	Soil
Project Name:	SOUTH EDDY AMINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	03B1226354	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - EDDY CO NM		

Sample ID: FS 11 1' (H256678-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/24/2025	ND	1.83	91.4	2.00	0.142		
Toluene*	<0.050	0.050	10/24/2025	ND	1.96	98.2	2.00	5.91		
Ethylbenzene*	<0.050	0.050	10/24/2025	ND	2.05	103	2.00	7.14		
Total Xylenes*	<0.150	0.150	10/24/2025	ND	6.12	102	6.00	6.91		
Total BTEX	<0.300	0.300	10/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	10/27/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/24/2025	ND	190	94.9	200	5.61		
DRO >C10-C28*	<10.0	10.0	10/24/2025	ND	198	99.2	200	0.805		
EXT DRO >C28-C36	<10.0	10.0	10/24/2025	ND						

Surrogate: 1-Chlorooctane 72.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 69.1 % 39.9-141

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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:	10/23/2025	Sampling Date:	10/22/2025
Reported:	10/28/2025	Sampling Type:	Soil
Project Name:	SOUTH EDDY AMINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	03B1226354	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - EDDY CO NM		

Sample ID: FS 12 1' (H256678-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2025	ND	1.83	91.4	2.00	0.142	
Toluene*	<0.050	0.050	10/24/2025	ND	1.96	98.2	2.00	5.91	
Ethylbenzene*	<0.050	0.050	10/24/2025	ND	2.05	103	2.00	7.14	
Total Xylenes*	<0.150	0.150	10/24/2025	ND	6.12	102	6.00	6.91	
Total BTEX	<0.300	0.300	10/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	10/27/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2025	ND	190	94.9	200	5.61	
DRO >C10-C28*	61.3	10.0	10/24/2025	ND	198	99.2	200	0.805	
EXT DRO >C28-C36	192	10.0	10/24/2025	ND					

Surrogate: 1-Chlorooctane 77.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 74.8 % 39.9-141

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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:	10/23/2025	Sampling Date:	10/22/2025
Reported:	10/28/2025	Sampling Type:	Soil
Project Name:	SOUTH EDDY AMINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	03B1226354	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - EDDY CO NM		

Sample ID: FS 13 1' (H256678-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2025	ND	1.83	91.4	2.00	0.142	
Toluene*	<0.050	0.050	10/24/2025	ND	1.96	98.2	2.00	5.91	
Ethylbenzene*	<0.050	0.050	10/24/2025	ND	2.05	103	2.00	7.14	
Total Xylenes*	<0.150	0.150	10/24/2025	ND	6.12	102	6.00	6.91	
Total BTEX	<0.300	0.300	10/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	10/27/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2025	ND	190	94.9	200	5.61	
DRO >C10-C28*	19.3	10.0	10/24/2025	ND	198	99.2	200	0.805	
EXT DRO >C28-C36	73.7	10.0	10/24/2025	ND					

Surrogate: 1-Chlorooctane 75.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 71.7 % 39.9-141

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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:	10/23/2025	Sampling Date:	10/22/2025
Reported:	10/28/2025	Sampling Type:	Soil
Project Name:	SOUTH EDDY AMINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	03B1226354	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - EDDY CO NM		

Sample ID: SW 01 0-1' (H256678-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2025	ND	1.83	91.4	2.00	0.142	
Toluene*	<0.050	0.050	10/24/2025	ND	1.96	98.2	2.00	5.91	
Ethylbenzene*	<0.050	0.050	10/24/2025	ND	2.05	103	2.00	7.14	
Total Xylenes*	<0.150	0.150	10/24/2025	ND	6.12	102	6.00	6.91	
Total BTEX	<0.300	0.300	10/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	10/27/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2025	ND	190	94.9	200	5.61	
DRO >C10-C28*	<10.0	10.0	10/24/2025	ND	198	99.2	200	0.805	
EXT DRO >C28-C36	<10.0	10.0	10/24/2025	ND					

Surrogate: 1-Chlorooctane 71.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 68.2 % 39.9-141

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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:	10/23/2025	Sampling Date:	10/22/2025
Reported:	10/28/2025	Sampling Type:	Soil
Project Name:	SOUTH EDDY AMINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	03B1226354	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - EDDY CO NM		

Sample ID: SW 02 0-1' (H256678-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2025	ND	1.83	91.4	2.00	0.142	
Toluene*	<0.050	0.050	10/24/2025	ND	1.96	98.2	2.00	5.91	
Ethylbenzene*	<0.050	0.050	10/24/2025	ND	2.05	103	2.00	7.14	
Total Xylenes*	<0.150	0.150	10/24/2025	ND	6.12	102	6.00	6.91	
Total BTEX	<0.300	0.300	10/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	10/27/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2025	ND	190	94.9	200	5.61	
DRO >C10-C28*	<10.0	10.0	10/24/2025	ND	198	99.2	200	0.805	
EXT DRO >C28-C36	<10.0	10.0	10/24/2025	ND					

Surrogate: 1-Chlorooctane 79.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 76.3 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCS/D recovery and/or RPD values.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1/2

BILL TO

ANALYSIS REQUEST

Company Name: <u>Ensolium, LLC</u> Project Manager: <u>Kelly Lowery</u> Address: <u>601 N Marland St Ste 400</u> City: <u>Midland</u> State: <u>TX</u> Zip: <u>79701</u> Phone #: <u>814 733 3165</u> Fax #: _____ Project #: <u>03812216354</u> Project Owner: _____ Project Name: <u>South Eddy Anne Release</u> Project Location: <u>Eddy County, NM</u> Sampler Name: <u>Kelly Lowery + Samantha Mackenzie</u> FOR LAB USE ONLY		P.O. #: _____ Company: <u>Ensolium</u> Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Lab I.D. <u>H256678</u> Sample I.D. _____ Depth (feet) _____ (G)RAB OR (C)OMP. _____ # CONTAINERS _____ GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ OTHER: _____ ACID/BASE: _____ ICE / COOL _____ OTHER: _____ DATE _____ TIME _____	MATRIX <input checked="" type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: _____ PRESERV <input checked="" type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER: _____ SAMPLING	BTEX 8021B TPH 8015M Chloride 4500	ANALYSIS REQUEST
Relinquished By: _____ Date: <u>10/23/25</u> Time: <u>1000</u>		Received By: _____ Date: _____ Time: _____	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____ Observed Temp. °C: <u>23</u> Corrected Temp. °C: <u>26</u>		Sample Condition: Cool Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Sample Condition: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: (Initials) _____ Turnaround Time: <u>3-DAY TAT</u> Thermometer ID # <u>113</u> # <u>140</u> <u>Rush</u> Correction Factor: <u>-0.3°C</u> Bacteria (only) Sample Condition: Cool Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C: _____ Corrected Temp. °C: _____	
REMARKS: <u>all - 0402401K</u> Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____ Kloumpensolium.com		ANALYSIS REQUEST	



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2/2

BILL TO

ANALYSIS REQUEST

Company Name: Ensolum, LLC
 Project Manager: Kelly Lowery
 Address: 601 N. Macomber St Ste 400
 City: Midland State: TX Zip: 79701
 Phone #: 814 733 3145 Fax #: Project Owner:
 Project #: 03B12A6354
 Project Name: South Eddy Anne Release
 Project Location: Eddy County, NM
 Sampler Name: Kelly Lowery + Samantha McKenzie
 P.O. #: Company: Ensolum
 Attn: Address:
 City: State: Zip:
 Phone #: Fax #:

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	BTEX 80213	TPH 8015M	Chloride 4500
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
HST16178	FS11	1'	C	1	X						10/23/25	0940	X	X	X
	FS12	1'	C	1	X						10/23/25	0942	X	X	X
	FS13	1'	C	1	X						10/23/25	0944	X	X	X
	SM01	0-1'	C	1	X						10/23/25	0946	X	X	X
	SM02	0-1'	C	1	X						10/23/25	0948	X	X	X

FOR LAB USE ONLY

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Relinquished By: [Signature] Date: 10/23/25 Time: 1:00
 Received By: [Signature] Date: 10/23/25 Time: 1:00

Delivered By: (Circle One) Observed Temp. °C: 23.3 Sample Condition: Cool Intact Bacteria (only) Sample Condition: Cool Intact
 Corrected Temp. °C: 23.3

Sampler - UPS - Bus - Other: Corrected Temp. °C: 23.3

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

Turnaround Time: 3-5 business days

Thermometer ID #13 #140 Rush #1036
 Correction Factor: -0.3°C

Verbal Result: Yes No Add'l Phone #: 202-40240115
 All Results are emailed. Please provide Email address: klavens@ensolum.com

REMARKS: AFE 10/22/25 KL

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



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

November 12, 2025

KELLY LOWERY

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: SOUTH EDDY AMINE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 11/11/25 15:09.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/11/2025	Sampling Date:	11/11/2025
Reported:	11/12/2025	Sampling Type:	Soil
Project Name:	SOUTH EDDY AMINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	03B1226354	Sample Received By:	Alyssa Parras
Project Location:	ENTERPRISE-EDDY CO., NM		

Sample ID: FS12 2.5 (H257115-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2025	ND	2.23	111	2.00	0.319	
Toluene*	<0.050	0.050	11/12/2025	ND	2.22	111	2.00	0.772	
Ethylbenzene*	<0.050	0.050	11/12/2025	ND	2.19	109	2.00	0.918	
Total Xylenes*	<0.150	0.150	11/12/2025	ND	6.58	110	6.00	0.905	
Total BTEX	<0.300	0.300	11/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/12/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2025	ND	219	110	200	2.63	
DRO >C10-C28*	<10.0	10.0	11/12/2025	ND	217	109	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	11/12/2025	ND					

Surrogate: 1-Chlorooctane 109 % 52.4-130

Surrogate: 1-Chlorooctadecane 112 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

November 14, 2025

KELLY LOWERY

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: SOUTH EDDY AMINE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 11/11/25 15:09.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: SOUTH EDDY AMINE RELEASE Project Number: 03B1226354 Project Manager: KELLY LOWERY Fax To:	Reported: 14-Nov-25 09:14
--	---	------------------------------

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW03 0-2.5	H257116-01	Soil	11-Nov-25 11:20	11-Nov-25 15:09

11/14/25 - Login originally put the wrong sample ID. This is the corrected report and will replace the one sent 11/12/25.

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: SOUTH EDDY AMINE RELEASE Project Number: 03B1226354 Project Manager: KELLY LOWERY Fax To:	Reported: 14-Nov-25 09:14
--	---	------------------------------

**SW03 0-2.5
H257116-01 (Soil)**

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

Inorganic Compounds

Chloride	48.0		16.0	mg/kg	4	5111213	AC	12-Nov-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5111101	JH	12-Nov-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5111101	JH	12-Nov-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5111101	JH	12-Nov-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5111101	JH	12-Nov-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5111101	JH	12-Nov-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %		70.4-141	5111101	JH	12-Nov-25	8021B	
---------------------------------------	--	--	-------	--	----------	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5111130	MS	12-Nov-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5111130	MS	12-Nov-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5111130	MS	12-Nov-25	8015B	

Surrogate: 1-Chlorooctane			114 %		52.4-130	5111130	MS	12-Nov-25	8015B	
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Surrogate: 1-Chlorooctadecane			115 %		39.9-141	5111130	MS	12-Nov-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: SOUTH EDDY AMINE RELEASE Project Number: 03B1226354 Project Manager: KELLY LOWERY Fax To:	Reported: 14-Nov-25 09:14
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5111213 - 1:4 DI Water										
Blank (5111213-BLK1)										
Prepared & Analyzed: 12-Nov-25										
Chloride	ND	16.0	mg/kg							
LCS (5111213-BS1)										
Prepared & Analyzed: 12-Nov-25										
Chloride	400	16.0	mg/kg	400		100	80-120			
LCS Dup (5111213-BSD1)										
Prepared & Analyzed: 12-Nov-25										
Chloride	416	16.0	mg/kg	400		104	80-120	3.92	20	

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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: SOUTH EDDY AMINE RELEASE Project Number: 03B1226354 Project Manager: KELLY LOWERY Fax To:	Reported: 14-Nov-25 09:14
--	---	------------------------------

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 5111101 - Volatiles

Blank (5111101-BLK1)

Prepared & Analyzed: 11-Nov-25

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)	0.0521		mg/kg	0.0500		104	70.4-141			

LCS (5111101-BS1)

Prepared & Analyzed: 11-Nov-25

Benzene	2.23	0.050	mg/kg	2.00		111	71-111			
Toluene	2.22	0.050	mg/kg	2.00		111	75-116			
Ethylbenzene	2.19	0.050	mg/kg	2.00		109	74.2-119			
m,p-Xylene	4.46	0.100	mg/kg	4.00		111	72.5-123			
o-Xylene	2.12	0.050	mg/kg	2.00		106	70.5-124			
Total Xylenes	6.58	0.150	mg/kg	6.00		110	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	0.0514		mg/kg	0.0500		103	70.4-141			

LCS Dup (5111101-BSD1)

Prepared & Analyzed: 11-Nov-25

Benzene	2.23	0.050	mg/kg	2.00		112	71-111	0.319	17.6	BS-3
Toluene	2.20	0.050	mg/kg	2.00		110	75-116	0.772	14.8	
Ethylbenzene	2.17	0.050	mg/kg	2.00		108	74.2-119	0.918	14.2	
m,p-Xylene	4.42	0.100	mg/kg	4.00		110	72.5-123	0.872	13.6	
o-Xylene	2.10	0.050	mg/kg	2.00		105	70.5-124	0.977	13.7	
Total Xylenes	6.52	0.150	mg/kg	6.00		109	72.2-123	0.905	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0497		mg/kg	0.0500		99.4	70.4-141			

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220	Project: SOUTH EDDY AMINE RELEASE Project Number: 03B1226354 Project Manager: KELLY LOWERY Fax To:	Reported: 14-Nov-25 09:14
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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 5111130 - General Prep - Organics

Blank (5111130-BLK1) Prepared & Analyzed: 11-Nov-25

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	59.6		mg/kg	50.0		119	52.4-130			
Surrogate: 1-Chlorooctadecane	60.4		mg/kg	50.0		121	39.9-141			

LCS (5111130-BS1) Prepared & Analyzed: 11-Nov-25

GRO C6-C10	219	10.0	mg/kg	200		110	78.7-123			
DRO >C10-C28	217	10.0	mg/kg	200		109	74.8-123			
Total TPH C6-C28	436	10.0	mg/kg	400		109	78.6-121			
Surrogate: 1-Chlorooctane	62.5		mg/kg	50.0		125	52.4-130			
Surrogate: 1-Chlorooctadecane	64.5		mg/kg	50.0		129	39.9-141			

LCS Dup (5111130-BSD1) Prepared & Analyzed: 11-Nov-25

GRO C6-C10	225	10.0	mg/kg	200		113	78.7-123	2.63	11.3	
DRO >C10-C28	220	10.0	mg/kg	200		110	74.8-123	1.45	10.9	
Total TPH C6-C28	445	10.0	mg/kg	400		111	78.6-121	2.04	10.5	
Surrogate: 1-Chlorooctane	63.1		mg/kg	50.0		126	52.4-130			
Surrogate: 1-Chlorooctadecane	63.6		mg/kg	50.0		127	39.9-141			

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Ensolum, LLC
 Project Manager: Kelly Lowery
 Address: 601 N. Marientfeld St. STE 400
 City: Midland State: TX Zip: 79701
 Phone #: 214 733 3165 Fax #: _____
 Project #: 03B122 6354 Project Owner: Enterpris
 Project Name: South Edg Arvine Release
 Project Location: Edg Country, NM
 Sampler Name: Raphael Udeh
 P.O. #: _____ Company: Ensolum LLC
 Attn: _____ Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
125111P	SM03	0-2.5	C1			X					11/11/25	1120	BTEX 8021B TPH 8015M Chloride 4500 MFE PM
	11/11/25	MFE											

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Relinquished By: _____ Date: 11/11/25
 Received By: _____ Date: 1/5/26
 Turnaround Time: 24 hr Standard Rush 24 hr

Delivered By: (Circle One) Observed Temp. °C: 8.4 Corrected Temp. °C: 8.7
 Sampler - UPS - Bus - Other: _____
 Sample Condition: Cool Intact Yes No
 Checked By: (Initials) AD
 Remarks: K Lowery@ensolum.com



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

November 24, 2025

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

RE: SOUTH EDDY AMINE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 11/21/25 11:38.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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 "Mike Snyder".

Mike Snyder For 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:	11/21/2025	Sampling Date:	11/21/2025
Reported:	11/24/2025	Sampling Type:	Soil
Project Name:	SOUTH EDDY AMINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	03B1226354	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - EDDY CO NM		

Sample ID: BF01 (H257340-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2025	ND	2.03	101	2.00	2.38	
Toluene*	<0.050	0.050	11/22/2025	ND	2.13	106	2.00	2.50	
Ethylbenzene*	<0.050	0.050	11/22/2025	ND	2.25	113	2.00	0.809	
Total Xylenes*	<0.150	0.150	11/22/2025	ND	6.96	116	6.00	0.739	
Total BTEX	<0.300	0.300	11/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	11/21/2025	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	11/22/2025	ND	211	105	200	0.145	
DRO >C10-C28*	<10.0	10.0	11/22/2025	ND	205	102	200	0.286	
EXT DRO >C28-C36	<10.0	10.0	11/22/2025	ND					

Surrogate: 1-Chlorooctane 94.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 89.3 % 39.9-141

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



APPENDIX D

Waste Manifests



LEA LAND

LEA LAND, LLC SURFACE WASTE LANDFILL

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST		No. 221423	Trailer No. MEC S 22	
GENERATOR	Company Name: Enterprise Field Services		Address: POB 1508 Carlsbad, NM 88221	
	Phone: (575) 885-7236		Disposal Date: 11-17-2025 12:36 PM	
	Name Or Description Of Waste Shipped:			
	<input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt			
	Weight (lbs): 51940, 49640			
TRANSPORTER	Lease/Job Name: SOUTH EDDY AMINE SPILL			
	Generator's Representative: Rob Dunaway			
	Name: NMR Pipeline			
	Emergency Contact: Andres			
	Emergency Contact Phone: (432) 631-2080			
DISPOSAL FACILITY	Transporter: Acknowledgment of Delivery of Material			
	Printed/Typed Name (Impreso/Mecanografico): _____			
	Signature (Firma): X			Date: 11-17-2025 12:36 PM
	Lea Land, LLC		Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM	
	Permit No: NM-1-0035-New Mexico		(575) 887-4048	
Comments:				
Disposal Facility's Certification: I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.				
Authorized Signature: 		Unit No: IIB	Date: 11-17-2025	Time: 12:36 PM

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MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST		No. 221424	Trailer No. MEC 5 6	
GENERATOR	Company Name: Enterprise Field Services		Address: POB 1508 Carlsbad, NM 88221	
	Phone: (575) 885-7236		Disposal Date: 11-17-2025 12:38 PM	
	Name Or Description Of Waste Shipped:			
	<input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt			
GENERATOR	Weight (lbs): 49220, 39640			
	Lease/Job Name: SOUTH EDDY AMINE SPILL			
	Generator's Representative: Rob Dunaway			
	Name: NMR Pipeline			
TRANSPORTER	Emergency Contact: Ruben Echavarria			
	Emergency Contact Phone: (575) 263-1852			
	Transporter: Acknowledgment of Delivery of Material			
	Printed/Typed Name (Impreso/Mecanografico): <u>Julietta Casales</u> Signature (Firma): X <u>[Signature]</u> Date: 11-17-2025 12:38 PM			
DISPOSAL FACILITY	Lea Land, LLC		Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM	
	Permit No: NM-1-0035-New Mexico		(575) 887-4048	
	Comments:			
	Disposal Facility's Certification: I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.			
Authorized Signature: <u>[Signature]</u>		Unit No: IIB	Date: 11-17-2025	Time: 12:38 PM

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NON-HAZARDOUS WASTE MANIFEST		No. 221425	Trailer No. MEC 519	
GENERATOR	Company Name: Enterprise Field Services		Address: POB 1508 Carlsbad, NM 88221	
	Phone: (575) 885-7236		Disposal Date: 11-17-2025 12:40 PM	
	Name Or Description Of Waste Shipped:			
	<input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt			
	Weight (lbs): 47220, 45440			
TRANSPORTER	Lease/Job Name: SOUTH EDDY AMINE SPILL			
	Generator's Representative: Rob Dunaway			
	Name: NMR Pipeline			
	Emergency Contact: Ruben Echavarria			
	Emergency Contact Phone: (575) 263-1852			
DISPOSAL FACILITY	Transporter: Acknowledgment of Delivery of Material			
	Printed/Typed Name (Impreso/Mecanografico): <i>Genilda Morales</i>			
	Signature (Firma): X <i>Genilda Morales</i> Date: 11-17-2025 12:40 PM			
	Lea Land, LLC		Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM	
	Permit No: NM-1-0035-New Mexico		(575) 887-4048	
Comments:				
Disposal Facility's Certification: I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.				
Authorized Signature: <i>Jandra A Avila</i>		Unit No: IIB	Date: 11-17-2025	Time: 12:40 PM

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NON-HAZARDOUS WASTE MANIFEST		No. 221451	Trailer No. MEC S19	
GENERATOR	Company Name: Enterprise Field Services		Address: POB 1508 Carlsbad, NM 88221	
	Phone: (575) 885-7236		Disposal Date: 11-18-2025 09:44 AM	
	Name Or Description Of Waste Shipped:			
	<input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt			
	Weight (lbs): 47160, 42680			
TRANSPORTER	Lease/Job Name: SOUTH EDDY AMINE SPILL			
	Generator's Representative: Rob Dunaway			
	Name: NMR Pipeline			
	Emergency Contact: Ruben Echavarria			
	Emergency Contact Phone: (575) 263-1852			
DISPOSAL FACILITY	Transporter: Acknowledgment of Delivery of Material			
	Printed/Typed Name (Impreso/Mecanografico): Daniela Morales			
	Signature (Firma): <i>[Signature]</i> Date: 11-18-2025 09:44 AM			
	Lea Land, LLC		Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM	
Permit No: NM-1-0035-New Mexico		(575) 887-4048		
Comments:				
Disposal Facility's Certification: I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.				
Authorized Signature: <i>[Signature]</i>		Unit No: 11B	Date: 11-18-2025	Time: 09:44 AM

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NON-HAZARDOUS WASTE MANIFEST		No. 221450	Trailer No. MEC S6	
GENERATOR	Company Name: Enterprise Field Services		Address: POB 1508 Carlsbad, NM 88221	
	Phone: (575) 885-7236		Disposal Date: 11-18-2025 09:41 AM	
	Name Or Description Of Waste Shipped:			
	<input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt			
	Weight (lbs): 491160, 47280			
TRANSPORTER	Lease/Job Name: SOUTH EDDY AMINE SPILL			
	Generator's Representative: Rob Dunaway			
	Name: NMR Pipeline			
	Emergency Contact: Ruben Echavarria			
	Emergency Contact Phone: (575) 263-1852			
DISPOSAL FACILITY	Transporter: Acknowledgment of Delivery of Material			
	Printed/Typed Name (Impreso/Mecanografico): <u>Julietta Casales</u>			
	Signature (Firma): X <u>[Signature]</u>			Date: 11-18-2025 09:41 AM
	Lea Land, LLC		Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM	
Permit No: NM-1-0035-New Mexico		(575) 887-4048		
Comments:				
Disposal Facility's Certification: I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.				
Authorized Signature: <u>[Signature]</u>		Unit No: IIB	Date: 11-18-2025	Time: 09:41 AM

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NON-HAZARDOUS WASTE MANIFEST		No. 221509	Trailer No. MEC-S19	
GENERATOR	Company Name: Enterprise Field Services		Address: POB 1508 Carlsbad, NM 88221	
	Phone: (575) 885-7236		Disposal Date: 11-19-2025 11:35 AM	
	Name Or Description Of Waste Shipped:			
	<input checked="" type="checkbox"/> RCRA Exempt <input type="checkbox"/> RCRA Non-Exempt			
GENERATOR	Weight (lbs): 43400			
	Lease/Job Name: SOUTH EDDY AMINE SPILL			
	Generator's Representative: Rob Dunaway			
	Name: NMR Pipeline			
TRANSPORTER	Emergency Contact: Ruben Echavarria			
	Emergency Contact Phone: (575) 263-1852			
	Transporter: Acknowledgment of Delivery of Material			
	Printed/Typed Name (Impreso/Mecanografico): <u>Julreba Cascales</u> Signature (Firma): X <u>[Signature]</u> Date: 11-19-2025 11:35 AM			
DISPOSAL FACILITY	Lea Land, LLC		Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM	
	Permit No: NM-1-0035-New Mexico		(575) 887-4048	
	Comments:			
	Disposal Facility's Certification: I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.			
DISPOSAL FACILITY	Authorized Signature: <u>[Signature]</u>		Unit No: IIB	Date: 11-19-2025
			Time: 11:35 AM	

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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 540090

QUESTIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 540090
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2518927068
Incident Name	NAPP2518927068 SOUTH EDDY AMINE RELEASE @ FAB1629433888
Incident Type	Release Other
Incident Status	Remediation Closure Report Received
Incident Facility	[FAB1629433888] SOUTH EDDY CRYO PLANT

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	SOUTH EDDY AMINE RELEASE
Date Release Discovered	07/07/2025
Surface Owner	Private

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Cause: Equipment Failure Valve Chemical (Specify) Released: 8 BBL Recovered: 0 BBL Lost: 8 BBL.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	An amine sump overfilled causing 8 BBL's of rich amine to be released onto the ground.

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QUESTIONS, Page 2

Action 540090

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 540090
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Julianna Falcomata Title: Field Environmental Scientist Email: JRFalcomata@eprod.com Date: 01/05/2026
--	--

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QUESTIONS, Page 3

Action 540090

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 540090
	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)	Between 200 and 300 (ft.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 200 and 300 (ft.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 200 and 300 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1/2 and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

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

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

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

Chloride (EPA 300.0 or SM4500 Cl B)	444
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	93
GRO+DRO (EPA SW-846 Method 8015M)	28.9
BTEX (EPA SW-846 Method 8021B or 8260B)	0.3
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1

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	10/22/2025
On what date will (or did) the final sampling or liner inspection occur	11/21/2025
On what date will (or was) the remediation complete(d)	11/21/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	2647
What is the estimated volume (in cubic yards) that will be remediated	172

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 540090

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 540090
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

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

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

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Julianna Falcomata Title: Field Environmental Scientist Email: JRFalcomata@eprod.com Date: 01/05/2026
--	---

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

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QUESTIONS, Page 5

Action 540090

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 540090
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 540090

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 540090
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	524260
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/11/2025
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	200

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	2647
What was the total volume (cubic yards) remediated	172
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	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Release occurred at an active facility in an area needed for production operations. Per 19.15.29.13(D), disturbed areas are not required to meet reclamation requirements at this time. After decommissioning facility in the future, Enterprise will take steps towards revegetation and restoration of the area.

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: Julianna Falcomata Title: Field Environmental Scientist Email: JRFalcomata@eprod.com Date: 01/05/2026
--	--

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Phone: (505) 476-3441

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QUESTIONS, Page 7

Action 540090

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 540090
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 540090

CONDITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 540090
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvez	None	2/19/2026