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Site Characterization and Remediation Closure Report  
EUMONT HARDY UNIT #023  
NAPP2408837611  
32.5240936, -103.1985245  
P-36-20S-37E

## **Introduction**

Standard Safety and Supply (Standard) on behalf of MAR Oil and Gas Corp. (MAR) is pleased to submit this Site Characterization and Remediation Closure Report to Oxy. Based on the Notification of Release the spill was discovered on March 1, 2023, the source is reported as unknown. There was an approximate net loss of zero (0) barrels (bbls) of crude oil and zero (0) bbls of produced water. Attachment B: Figure 1 depicts the Site with respect to the nearest town and Figure 2 depicts the topographic features in the area.

## **Site Characterization**

Based on a site characterization desktop review the area is within a Low Karst area. Furthermore, there are no receptors [significant watercourse, lakebed, playa, sinkhole, an occupied residence, school, hospital, institution, church, freshwater spring for domestic or stock watering purposes, other fresh water well/spring, municipal water boundary, wetland, subsurface mine, and/or an unstable area] within the specified distance set forth in the New Mexico Administrative Code 19.15.29.12. The depth of groundwater in the area is estimated to be greater than fifty-five (55) feet (ft) below ground surface (bgs). However, since the one specified water well within the half (0.5) mile radius has not provided their log to the NMOSE the following closure criteria will be used.

NMAC Closure Criteria Remediation and Reclamation (NMAC 19.15.29.12 & 19.15.29.13)					
depths in feet (ft)	Benzene	BTEX	TPH (GRO- DRO)	TPH (GRO- DRO-MRO)	Chloride
0-Max depth (ft)	10 mg/kg	50mg/kg	---*	100 mg/kg	600 mg/kg
* Value must not exceed TPH (GRP-DRO-MRO) value					



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The site characterization documentation used to characterize the site can be found in the report under Attachment C: Site Characterization.

### **Initial Assessment**

In March of 2023 MAR contracted Energy Staffing Services, LLC (ESS) to start the process of plug and abandonment at the site. At the request of the New Mexico State Land Office (NMSLO) additional composite samples were collected in areas showing signs of contamination. Analytical results indicated that chlorides were above the threshold set forth in (NMAC 19.15.29.12 & 19.15.29.13).

The delineation data collected by ESS can be found in this report under Attachment A: Table 1 Delineation Assessment Analytical Data Table and the lab report and chain of custody can be found under Attachment E: Laboratory Analytical Method Documentation with Chain-of-Custody. Delineation sample locations are located under Attachment B: Figure 3 Delineation Assessment Map while photographs of the impacted area are under Attachment D: Photographic Log.

### **Remedial Action Activities and Confirmation Sampling**

ESS began remedial action activities at the site on April 20<sup>th</sup>, 2023, to remove the impacted soils identified in previous delineation efforts, the excavation was completed on April 22<sup>nd</sup>, 2023.

On June 23, 2025, Standard was contracted by MAR to complete remediation and reclamation efforts at the site. Standard mobilized to perform a confirmation sampling event where five (5) base samples (CS-1 to CS-5), four (4) sidewall samples (SW-1 to SW-4) were collected. Soil samples were jarred in lab provided containers, placed on ice then transported under proper chain-of-custody to Eurofins Laboratories in Carlsbad, New Mexico for the analysis of BTEX, TPH, and chloride. Analytical results indicated that all samples were below closure criteria for the Site.

Soil samples were collected as a five-point composite and represented an area no greater than 200 square feet. There was an estimated one hundred and twenty (120) cubic yards of impacted material that was dug and hauled off to the closest approved disposal facility.

The confirmation sampling data can be found in this report under Attachment A: Table 2 Confirmation Sampling Analytical Data Table and the lab report and chain of custody can be found under Attachment E: Laboratory Analytical Method Documentation with Chain-of-Custody. The confirmation sample locations are located under Attachment B: Figure 4



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Confirmation Sampling Map while photographs of the excavation area are under Attachment D: Photographic Log.

## **Closing**

Based on the delineation and subsequent remedial action activities the Site is compliant with NMAC 19.15.29.12 & 19.15.29.13 regulations.

If you have any questions regarding the Site Characterization and Remediation Closure Report for [NAPP2408837611] - EUMONT HARDY UNIT #023 please contact us at:

Address: 2524 Trunk St, Odessa TX 79761

Contact: 254-266-5456

## **Attachments**



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- Attachment A: Analytical Data Tables
  1. Table 1: Delineation Assessment Analytical Data Table
  2. Table 2: Confirmation Sampling Analytical Data Table
- Attachment B: Figures
  1. Site Location Map
  2. Topographic Map
  3. Delineation Assessment Map
  4. Confirmation Sampling Map
- Attachment C: Site Characterization
  1. Site Characterization Summary Table
  2. OCD Well map and Karst Potential
  3. OSE POD
  4. Open Environment Wetlands
  5. Wetlands Inventory
  6. National Flood Hazard Layer
- Attachment D: Photographic Documentation
- Attachment E: Laboratory Analytical Method Documentation with Chain-of-Custody





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# ATTACHEMENT A: ANALYTICAL DATA TABLES



**Table 1: Delineation Assessment Analytical Data Table**  
**Mar Oil & Gas Corporation**  
**Eumont Hardy #023**  
**Lea County, New Mexico**

			Chloride	TPH Total (C6-C35)	GRO (C6-C12)	DRO (C12-C28)	GRO+DRO (C6-C28)	MRO (C28-C35)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX
Reclamation Limits			600 mg/Kg	100 mg/Kg	---	---	---	---	10 mg/Kg	---	---	---	50 mg/Kg
Sample ID	Depth (ft)	Date											
North	6"	2/12/2024	66.6	<50.0	<25.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
	1	2/12/2024	983	<50.0	<25.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
South	6"	2/12/2024	35.1	<50.0	<25.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
	1	2/12/2024	<20.0	<50.0	<25.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500

## Notes

1. mg/kg - milligram per kilogram
2. TPH - Total Petroleum Hydrocarbons
3. (CS) - Confirmation Sample
4. (SW) - Sidewall Sample
5. \* Indicates Value must be equal to or less than Total BTEX

- 6.\*\* Indicates that total value must be equal to or less than total TPH
- 7.\*\*\* Indicates that total value must be equal to or less than GRO+DRO total
- 8.\*\*\*\* Indicates that Total value must be equal or less than total TPH
9. H = Horizontal Sample
10. V= Vertical Sample

## 11. Remediation Limits

## 12. Reclamation Limits (0-4ft below ground surface)


13. Excavated Soil Sample ~~CS-1234~~

Table 2: Confirmation Sampling Assessment Analytical Data Table

Mar Oil &amp; Gas Corp.

Eumont Hardy #023

Lea County, New Mexico

			Chloride	TPH Total (C6-C35)	GRO (C6-C12)	DRO (C12-C28)	GRO+DRO (C6-C28)	MRO (C28-C35)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX
Remediation (GW< 50ft) and/or Reclamation Limits			600 mg/Kg	100 mg/Kg	---	---	---	---	10 mg/Kg	---	---	---	50 mg/Kg
Reclamation Limits (0-4ft)			600 mg/Kg	100 mg/Kg	---	---	---	---	10 mg/Kg	---	---	---	50 mg/Kg
Sample ID	Depth (ft)	Date											
SW-1	0-4	8/18/2025	<10.0	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399
SW-2	0-4	8/18/2025	<9.96	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402
SW-3	0-4	8/18/2025	<9.94	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404
SW-4	0-4	8/18/2025	<b>10.3</b>	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398
CS-1	4	8/18/2025	<10.0	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396
CS-2	4	8/18/2025	<b>14.7</b>	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402
CS-3	4	8/18/2025	<b>11.4</b>	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402
CS-4	4	8/18/2025	<10.1	<49.8	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398
CS-5	4	8/18/2025	<b>12.8</b>	<49.6	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399

## Notes

1. mg/kg - milligram per kilogram
2. TPH - Total Petroleum Hydrocarbons
3. (CS) - Confirmation Sample
4. (SW) - Sidewall Sample
5. \* Indicates Value must be equal to or less than Total BTEX

- 6.\*\* Indicates that total value must be equal to or less than total TPH
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- 8.\*\*\*\* Indicates that Total value must be equal or less than total TPH
9. H = Horizontal Sample
10. V= Vertical Sample

## 11. Remediation Limits

## 12. Reclamation Limits (0-4ft below ground surface)

13. Excavated Soil Sample ~~CS-1234~~

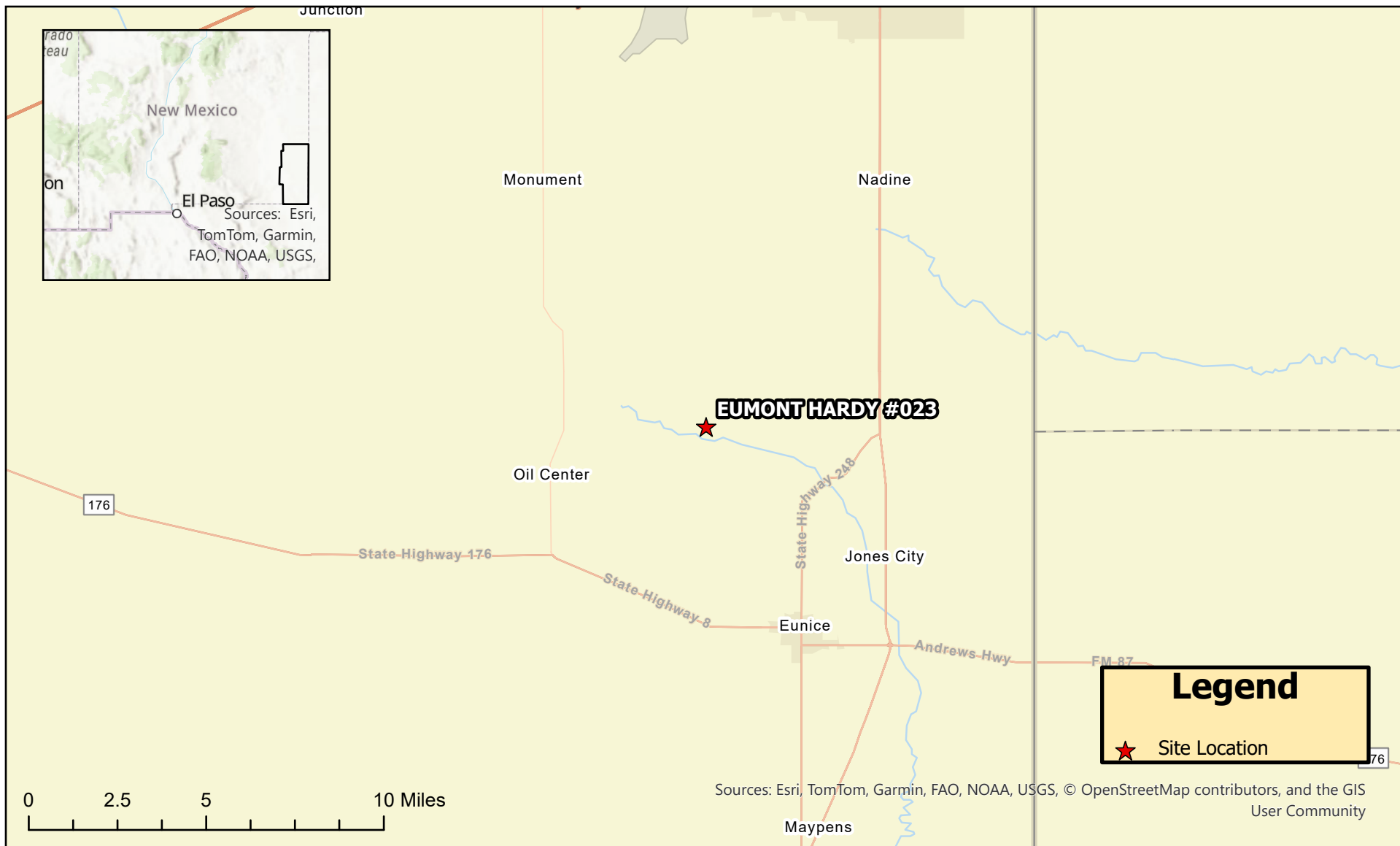
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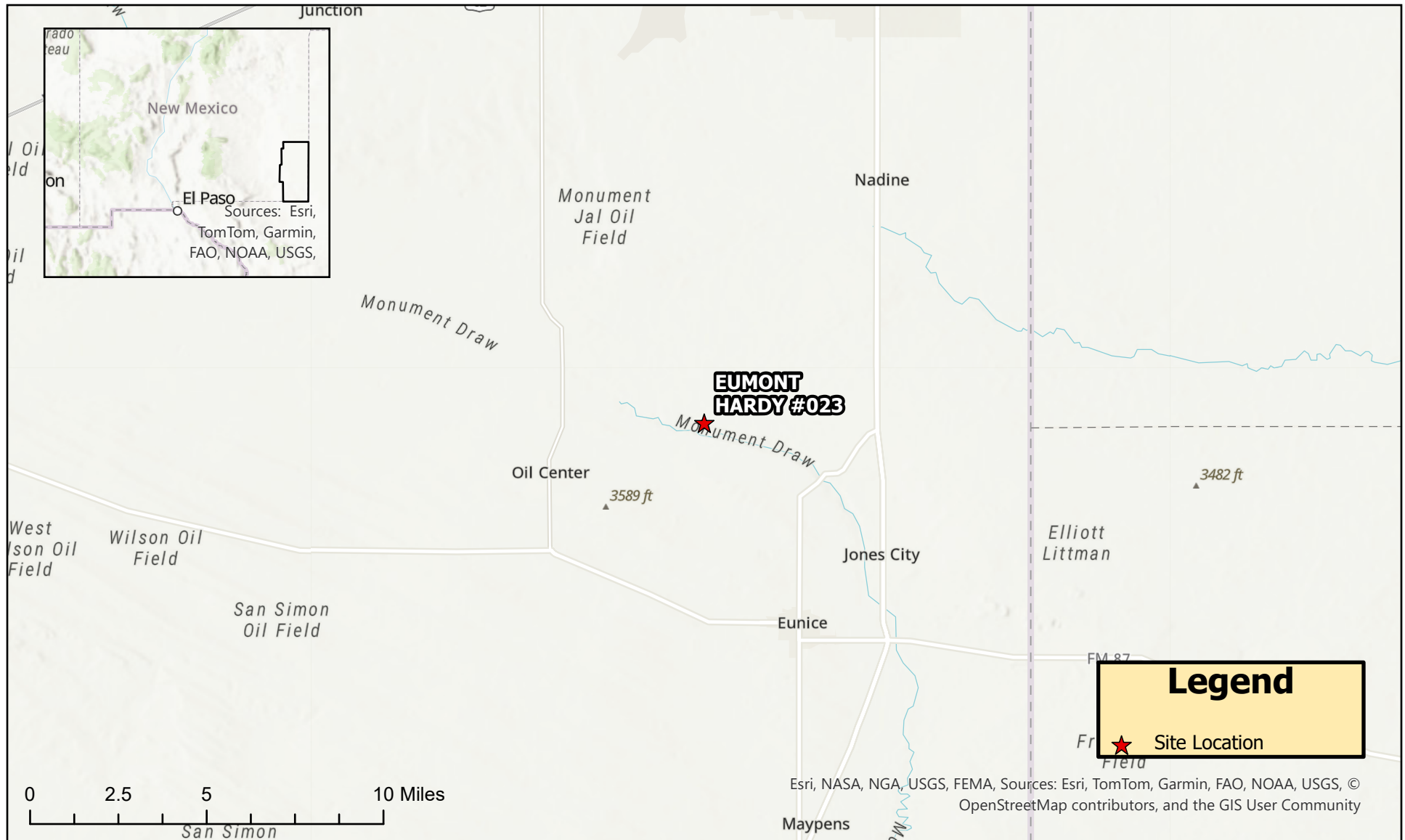


## **ATTACHMENT B: FIGURES**





	<p align="center"><b>EUMONT HARDY #023</b></p> <p align="center"><b>MAR OIL &amp; GAS CORPORATION</b></p>		
	<p>Figure 1. (Site Location Map)</p> <p>Release Date: 03/01/2023</p> <p>Lea County, New Mexico</p> <p>Coordinates: 32.5240936,-103.1985245</p>	<p align="center"><b>08/27/2025</b></p>	



## EUMONT HARDY #023 MAR OIL & GAS CORPORATION



Figure 2. (Topographic Map)  
Release Date: 03/01/2023  
Lea County, New Mexico

08/27/2025

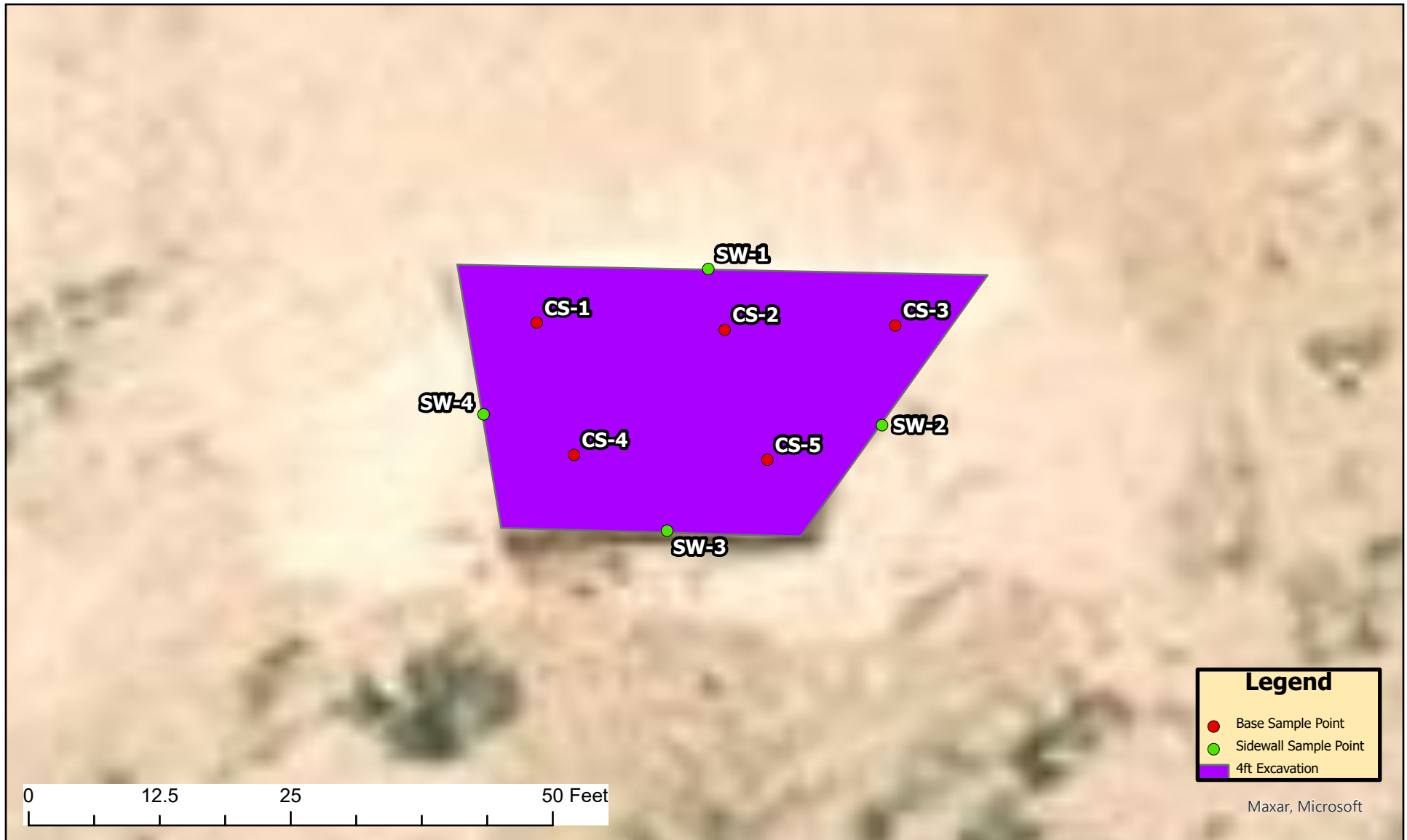
Coordinates: 32.5240936,-103.1985245







	<b>EUMONT HARDY #023</b> <b>MAR OIL &amp; GAS CORPORATION</b>		
	Figure 3. (Delineation Map) Release Date: 03/01/2023 Lea County, New Mexico	08/27/2025	
	Coordinates: 32.5240936,-103.1985245		





	<b>EUMONT HARDY #023</b> <b>MAR OIL &amp; GAS CORPORATION</b>		
	Figure 4. (Confirmation Sample Map) Release Date: 03/01/2023 Lea County, New Mexico	08/27/2025	
	Coordinates: 32.5240936,-103.1985245		



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# **ATTACHMENT C: SITE CHRACTERIZATION**



## New Mexico Site Characterization

Eumont Hardy #023		nAPP2408837611
Impact Groundwater?	No	
Groundwater Depth	Between 51 and 75 (ft.)	
Flowing or significant watercourse within 300ft?	No	
Playas, wetlands, and/or lakebeds within 200ft?	No	
Wetland within 300ft?	No	
Within a 100 year flood plain?	No	
Water well used by less than five households for domestic or stock watering purposes within 500ft?	No	
Any other fresh water spring within 1,000ft?	No	
Occupied permanent residence, school, hospital, institution, or church within 300ft?	No	
Within an incorporated municipal boundaries or a defined municipal fresh water well field?	No	
Within an (non-karst) unstable area	No	
Within an area overlying a subsurface	No	
Karst Potential	Low	
Did the release impact areas not on an exploration, development, production, or storage site	No	

30-025-33240

SESE  
(P)

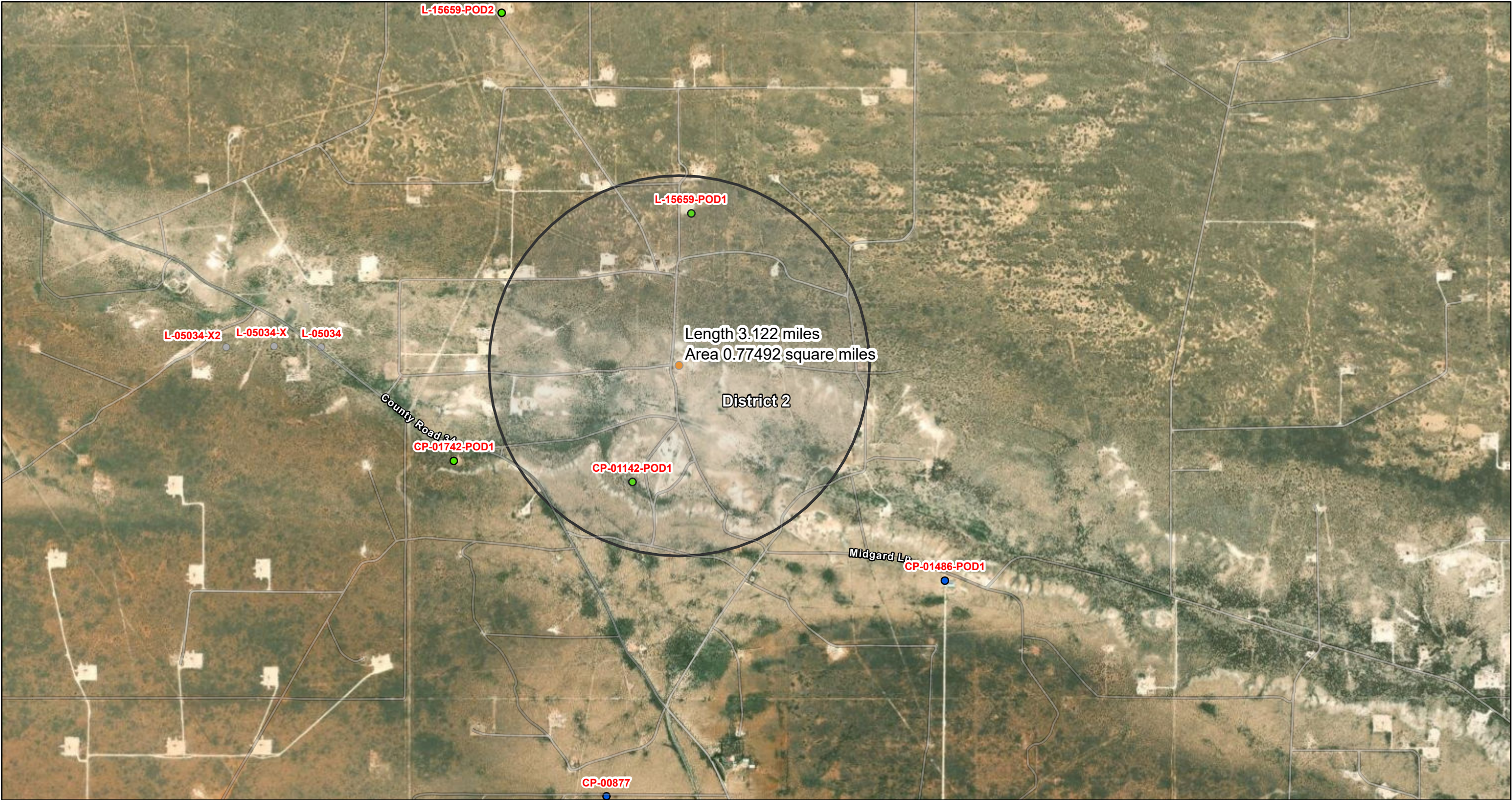
36

30-025-06216

30-025-33029



# OSE POD Locations Map



8/27/2025, 3:15:37 PM

GIS WATERS PODs

OSE District Boundary

High Resolution 30cm Imagery

Citations

4.8m Resolution Metadata

● Active

World Imagery

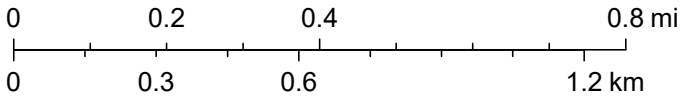
● Pending

Low Resolution 15m Imagery

●

High Resolution 60cm Imagery

1:18,843



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Maxar



Legend Basemap Query 1:9,028

- Landscape Position and Water Body (LLWW) Linears
- Lentic (LE)
- Lotic River (LR)
- Lotic Stream (LS)
- Pond (PD)
- River (RV)
- Stream (ST)
- Terrene (TE)
- Landscape Position and Water Body (LLWW) Polygons
- Lentic (LE)
- Lake (LK)
- Lotic River (LR)
- Lotic Stream (LS)
- Pond (PD)
- River (RV)
- Stream (ST)
- Terrene (TE)
- Landform (LLWW)
- Basin
- Flat
- Floodplain
- Fringe
- Island
- Slope
- NWI Linears
- Palustrine Emergent (PEM)
- Palustrine Forested (PFO)
- Palustrine Rock Bottom (PRB)
- Palustrine Scrub Shrub (PSS)
- Palustrine Unconsolidated (PUB, PUS)
- Riverine (R2, R3, R4)
- NWI Polygons
- Lacustrine (L1, L2)
- Palustrine Aquatic Bed (PAB)
- Palustrine Emergent (PEM)
- Palustrine Forested (PFO)
- Palustrine Rock Bottom (PRB)
- Palustrine Scrub Shrub (PSS)
- Palustrine Unconsolidated (PUB, PUS)
- Riverine (R2, R3, R4)
- Aquatic Invertebrate Habitat (AIH) Linears
- Aquatic Invertebrate Habitat (AIH)







## Eumont



August 27, 2025

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

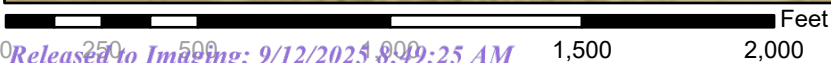
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



# National Flood Hazard Layer FIRMette



103°12'13"W 32°31'42"N



1:6,000

103°11'36"W 32°31'12"N

Released to Imaging: 9/12/2025 8:49:25 AM

Basemap Imagery Source: USGS National Map 2023

## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/27/2025 at 9:14 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

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# **ATTACHMENT D: PHOTOGRAPHIC DOCUMENTATION**





**Photographic Log  
Mar Oil & Gas Corp.  
Eumont Hardy #023  
Lea County, New Mexico**

**Photo 1**

**View of Excavation**



**Photo 2**

**View of Excavation**



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# **ATTACHMENT E: LABORATORY ANALYTICAL METHOD WITH CHAIN- OF-CUSTODY**



Report to:  
Natalie Gladden



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Mar Oil & Gas

Project Name: Eumont Hardy #23

Work Order: E402111

Job Number: 20046-0001

Received: 2/14/2024

Revision: 2

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
2/15/24

5796 U.S. Hwy 64  
Farmington, NM 87401

Phone: (505) 632-1881  
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 2/15/24

Natalie Gladden  
7 W. Compress Road  
Artesia, NM 88210



Project Name: Eumont Hardy #23  
Workorder: E402111  
Date Received: 2/14/2024 7:00:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/14/2024 7:00:00AM, under the Project Name: Eumont Hardy #23.

The analytical test results summarized in this report with the Project Name: Eumont Hardy #23 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
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**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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Sample Summary

Mar Oil & Gas	Project Name:	Eumont Hardy #23	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	02/15/24 16:51

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP1 6" North	E402111-01A	Soil	02/12/24	02/14/24	Glass Jar, 2 oz.
SP1 6" South	E402111-02A	Soil	02/12/24	02/14/24	Glass Jar, 2 oz.
SP1 1" North	E402111-03A	Soil	02/12/24	02/14/24	Glass Jar, 2 oz.
SP1 1" South	E402111-04A	Soil	02/12/24	02/14/24	Glass Jar, 2 oz.



Sample Data

Mar Oil & Gas 7 W. Compress Road Artesia NM, 88210	Project Name: Eumont Hardy #23 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 2/15/2024 4:51:50PM
--	--	----------------------------------

SP1 6" North  
E402111-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2407039	
Benzene	ND	0.0250	1	02/14/24	02/14/24	
Ethylbenzene	ND	0.0250	1	02/14/24	02/14/24	
Toluene	ND	0.0250	1	02/14/24	02/14/24	
o-Xylene	ND	0.0250	1	02/14/24	02/14/24	
p,m-Xylene	ND	0.0500	1	02/14/24	02/14/24	
Total Xylenes	ND	0.0250	1	02/14/24	02/14/24	
Surrogate: 4-Bromochlorobenzene-PID	98.7 %	70-130		02/14/24	02/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2407039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/24	02/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.1 %	70-130		02/14/24	02/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2407038	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/14/24	02/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/14/24	02/15/24	
Surrogate: n-Nonane	90.0 %	50-200		02/14/24	02/15/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2407042	
Chloride	66.6	20.0	1	02/14/24	02/14/24	



## Sample Data

Mar Oil & Gas  
7 W. Compress Road  
Artesia NM, 88210

Project Name: Eumont Hardy #23  
Project Number: 20046-0001  
Project Manager: Natalie Gladden

**Reported:**  
2/15/2024 4:51:50PM

## SP1 6" South

## E402111-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2407039	
Benzene	ND	0.0250	1	02/14/24	02/14/24	
Ethylbenzene	ND	0.0250	1	02/14/24	02/14/24	
Toluene	ND	0.0250	1	02/14/24	02/14/24	
o-Xylene	ND	0.0250	1	02/14/24	02/14/24	
p,m-Xylene	ND	0.0500	1	02/14/24	02/14/24	
Total Xylenes	ND	0.0250	1	02/14/24	02/14/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.3 %	70-130		02/14/24	02/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2407039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/24	02/14/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.0 %	70-130		02/14/24	02/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2407038	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/14/24	02/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/14/24	02/15/24	
<i>Surrogate: n-Nonane</i>						
	77.0 %	50-200		02/14/24	02/15/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2407042	
Chloride	35.1	20.0	1	02/14/24	02/14/24	





## Sample Data

Mar Oil & Gas  
7 W. Compress Road  
Artesia NM, 88210

Project Name: Eumont Hardy #23  
Project Number: 20046-0001  
Project Manager: Natalie Gladden

**Reported:**  
2/15/2024 4:51:50PM

## SP1 1" North

## E402111-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2407039	
Benzene	ND	0.0250	1	02/14/24	02/14/24	
Ethylbenzene	ND	0.0250	1	02/14/24	02/14/24	
Toluene	ND	0.0250	1	02/14/24	02/14/24	
o-Xylene	ND	0.0250	1	02/14/24	02/14/24	
p,m-Xylene	ND	0.0500	1	02/14/24	02/14/24	
Total Xylenes	ND	0.0250	1	02/14/24	02/14/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.5 %	70-130		02/14/24	02/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2407039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/24	02/14/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.6 %	70-130		02/14/24	02/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2407038	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/14/24	02/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/14/24	02/15/24	
<i>Surrogate: n-Nonane</i>						
	87.6 %	50-200		02/14/24	02/15/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2407042	
Chloride	983	20.0	1	02/14/24	02/14/24	



## Sample Data

Mar Oil & Gas  
7 W. Compress Road  
Artesia NM, 88210

Project Name: Eumont Hardy #23  
Project Number: 20046-0001  
Project Manager: Natalie Gladden

**Reported:**  
2/15/2024 4:51:50PM

## SP1 1" South

## E402111-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2407039	
Benzene	ND	0.0250	1	02/14/24	02/14/24	
Ethylbenzene	ND	0.0250	1	02/14/24	02/14/24	
Toluene	ND	0.0250	1	02/14/24	02/14/24	
o-Xylene	ND	0.0250	1	02/14/24	02/14/24	
p,m-Xylene	ND	0.0500	1	02/14/24	02/14/24	
Total Xylenes	ND	0.0250	1	02/14/24	02/14/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.9 %	70-130		02/14/24	02/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2407039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/24	02/14/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		02/14/24	02/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2407038	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/14/24	02/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/14/24	02/15/24	
<i>Surrogate: n-Nonane</i>						
	86.8 %	50-200		02/14/24	02/15/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2407042	
Chloride	ND	20.0	1	02/14/24	02/14/24	



QC Summary Data

Mar Oil & Gas	Project Name:	Eumont Hardy #23	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/15/2024 4:51:50PM

Volatile Organics by EPA 8021B

Analyst: EG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2407039-BLK1) Prepared: 02/14/24 Analyzed: 02/14/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.66		8.00		95.7	70-130			

LCS (2407039-BS1) Prepared: 02/14/24 Analyzed: 02/14/24

Benzene	4.49	0.0250	5.00		89.8	70-130			
Ethylbenzene	4.58	0.0250	5.00		91.5	70-130			
Toluene	4.63	0.0250	5.00		92.5	70-130			
o-Xylene	4.64	0.0250	5.00		92.7	70-130			
p,m-Xylene	9.37	0.0500	10.0		93.7	70-130			
Total Xylenes	14.0	0.0250	15.0		93.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.70		8.00		96.2	70-130			

Matrix Spike (2407039-MS1) Source: E402108-02 Prepared: 02/14/24 Analyzed: 02/14/24

Benzene	4.61	0.0250	5.00	ND	92.1	54-133			
Ethylbenzene	4.76	0.0250	5.00	ND	95.2	61-133			
Toluene	4.79	0.0250	5.00	ND	95.8	61-130			
o-Xylene	4.83	0.0250	5.00	ND	96.6	63-131			
p,m-Xylene	9.74	0.0500	10.0	ND	97.4	63-131			
Total Xylenes	14.6	0.0250	15.0	ND	97.1	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.80		8.00		97.5	70-130			

Matrix Spike Dup (2407039-MSD1) Source: E402108-02 Prepared: 02/14/24 Analyzed: 02/14/24

Benzene	4.73	0.0250	5.00	ND	94.5	54-133	2.59	20	
Ethylbenzene	4.89	0.0250	5.00	ND	97.7	61-133	2.56	20	
Toluene	4.91	0.0250	5.00	ND	98.3	61-130	2.56	20	
o-Xylene	4.97	0.0250	5.00	ND	99.4	63-131	2.88	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	2.62	20	
Total Xylenes	15.0	0.0250	15.0	ND	99.8	63-131	2.71	20	
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.8	70-130			



QC Summary Data

Mar Oil & Gas	Project Name:	Eumont Hardy #23	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/15/2024 4:51:50PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2407039-BLK1) Prepared: 02/14/24 Analyzed: 02/14/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.5	70-130			

LCS (2407039-BS2) Prepared: 02/14/24 Analyzed: 02/14/24

Gasoline Range Organics (C6-C10)	42.9	20.0	50.0		85.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			

Matrix Spike (2407039-MS2) Source: E402108-02 Prepared: 02/14/24 Analyzed: 02/14/24

Gasoline Range Organics (C6-C10)	44.4	20.0	50.0	ND	88.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.2	70-130			

Matrix Spike Dup (2407039-MSD2) Source: E402108-02 Prepared: 02/14/24 Analyzed: 02/14/24

Gasoline Range Organics (C6-C10)	43.8	20.0	50.0	ND	87.6	70-130	1.39	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.1	70-130			



QC Summary Data

Mar Oil & Gas	Project Name:	Eumont Hardy #23	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/15/2024 4:51:50PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2407038-BLK1)					Prepared: 02/14/24 Analyzed: 02/14/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.1		50.0		94.2	50-200			

LCS (2407038-BS1)					Prepared: 02/14/24 Analyzed: 02/14/24				
Diesel Range Organics (C10-C28)	231	25.0	250		92.4	38-132			
Surrogate: n-Nonane	45.1		50.0		90.2	50-200			

Matrix Spike (2407038-MS1)					Source: E402104-04		Prepared: 02/14/24 Analyzed: 02/14/24		
Diesel Range Organics (C10-C28)	236	25.0	250	ND	94.5	38-132			
Surrogate: n-Nonane	44.6		50.0		89.1	50-200			

Matrix Spike Dup (2407038-MSD1)					Source: E402104-04		Prepared: 02/14/24 Analyzed: 02/14/24		
Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.3	38-132	1.89	20	
Surrogate: n-Nonane	47.1		50.0		94.3	50-200			



QC Summary Data

Mar Oil & Gas	Project Name:	Eumont Hardy #23	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/15/2024 4:51:50PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2407042-BLK1)					Prepared: 02/14/24 Analyzed: 02/14/24				
Chloride	ND	20.0							
LCS (2407042-BS1)					Prepared: 02/14/24 Analyzed: 02/14/24				
Chloride	248	20.0	250		99.4	90-110			
Matrix Spike (2407042-MS1)					Source: E402108-02		Prepared: 02/14/24 Analyzed: 02/14/24		
Chloride	311	100	250	ND	124	80-120			M1
Matrix Spike Dup (2407042-MSD1)					Source: E402108-02		Prepared: 02/14/24 Analyzed: 02/14/24		
Chloride	312	100	250	ND	125	80-120	0.405	20	M1

QC Summary Report Comment:  
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.  
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Mar Oil & Gas	Project Name:	Eumont Hardy #23	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	02/15/24 16:51

- M1 Matrix spike recovery was above acceptance limits. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.







## Envirotech Analytical Laboratory

Printed: 2/15/2024 3:24:08PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Mar Oil & Gas	Date Received:	02/14/24 07:00	Work Order ID:	E402111
Phone:	(575) 390-6397	Date Logged In:	02/13/24 16:25	Logged In By:	Raina Schwanz
Email:	Natalie@energystaffingllc.com	Due Date:	02/15/24 17:00 (1 day TAT)		

**Chain of Custody (COC)**

1. Does the sample ID match the COC? Yes
  2. Does the number of samples per sampling site location match the COC? Yes
  3. Were samples dropped off by client or carrier? Yes
  4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
  5. Were all samples received within holding time? Yes
- Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Courier**Comments/Resolution**

Project manager and time sampled are not documented on the COC by client.

**Sample Turn Around Time (TAT)**

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

**Sample Cooler**

7. Was a sample cooler received? Yes
  8. If yes, was cooler received in good condition? Yes
  9. Was the sample(s) received intact, i.e., not broken? Yes
  10. Were custody/security seals present? No
  11. If yes, were custody/security seals intact? NA
  12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling
13. If no visible ice, record the temperature. Actual sample temperature: 4°C

**Sample Container**

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

**Field Label**

20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? No

**Sample Preservation**

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

**Multiphase Sample Matrix**

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

**Subcontract Laboratory**

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: Na

**Client Instruction**

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.



Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

Attn: Ethan Sessums  
Standard Safety & Supply  
2524 Trunk St  
Odessa, Texas 79761

Generated 8/27/2025 3:28:05 PM Revision 1

## JOB DESCRIPTION

Eumont Hardy #23  
Lea Co, NM

## JOB NUMBER

890-8639-1

Eurofins Carlsbad  
1089 N Canal St.  
Carlsbad NM 88220

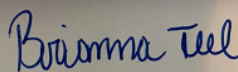
# Eurofins Carlsbad

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



Authorized for release by  
Brianna Teel, Project Manager  
[Brianna.Teel@et.eurofinsus.com](mailto:Brianna.Teel@et.eurofinsus.com)  
(432)704-5440

Generated  
8/27/2025 3:28:05 PM  
Revision 1

Client: Standard Safety & Supply  
Project/Site: Eumont Hardy #23

Laboratory Job ID: 890-8639-1  
SDG: Lea Co, NM

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Definitions/Glossary

Client: Standard Safety & Supply  
Project/Site: Eumont Hardy #23

Job ID: 890-8639-1  
SDG: Lea Co, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

## Case Narrative

Client: Standard Safety & Supply  
Project: Eumont Hardy #23

Job ID: 890-8639-1

**Job ID: 890-8639-1**

**Eurofins Carlsbad**

### Job Narrative 890-8639-1

#### REVISION

The report being provided is a revision of the original report sent on 8/22/2025. The report (revision 1) is being revised due to Revised to correct total BTEX units.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

#### **Receipt**

The samples were received on 8/18/2025 4:14 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -2.8°C.

#### **GC VOA**

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### **Diesel Range Organics**

Method 8015MOD\_NM: The matrix spike (MS) recoveries for preparation batch 880-117010 and analytical batch 880-117278 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD\_NM: Surrogate recovery for the following sample was outside control limits: CS-3 (890-8639-3). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### **HPLC/IC**

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Carlsbad

## Client Sample Results

Client: Standard Safety & Supply  
Project/Site: Eumont Hardy #23

Job ID: 890-8639-1  
SDG: Lea Co, NM

Client Sample ID: CS-1

Lab Sample ID: 890-8639-1

Date Collected: 08/18/25 00:00

Matrix: Solid

Date Received: 08/18/25 16:14

Sample Depth: 4

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/25 08:48	08/22/25 12:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/25 08:48	08/22/25 12:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/25 08:48	08/22/25 12:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/19/25 08:48	08/22/25 12:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/25 08:48	08/22/25 12:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/19/25 08:48	08/22/25 12:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	08/19/25 08:48	08/22/25 12:26	1
1,4-Difluorobenzene (Surr)	88		70 - 130	08/19/25 08:48	08/22/25 12:26	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/22/25 12:26	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/21/25 13:04	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/25 06:56	08/21/25 13:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		08/19/25 06:56	08/21/25 13:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/25 06:56	08/21/25 13:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	08/19/25 06:56	08/21/25 13:04	1
o-Terphenyl	79		70 - 130	08/19/25 06:56	08/21/25 13:04	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			08/19/25 22:00	1

Client Sample ID: CS-2

Lab Sample ID: 890-8639-2

Date Collected: 08/18/25 00:00

Matrix: Solid

Date Received: 08/18/25 16:14

Sample Depth: 4

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/19/25 08:48	08/22/25 13:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/19/25 08:48	08/22/25 13:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/19/25 08:48	08/22/25 13:07	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/19/25 08:48	08/22/25 13:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/19/25 08:48	08/22/25 13:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/19/25 08:48	08/22/25 13:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	08/19/25 08:48	08/22/25 13:07	1

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## Client Sample Results

Client: Standard Safety & Supply  
Project/Site: Eumont Hardy #23

Job ID: 890-8639-1  
SDG: Lea Co, NM

Client Sample ID: CS-2

Lab Sample ID: 890-8639-2

Date Collected: 08/18/25 00:00

Matrix: Solid

Date Received: 08/18/25 16:14

Sample Depth: 4

## Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	90		70 - 130	08/19/25 08:48	08/22/25 13:07	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/22/25 13:07	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/21/25 14:06	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 14:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 14:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 14:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				08/19/25 06:56	08/21/25 14:06	1
o-Terphenyl	93		70 - 130				08/19/25 06:56	08/21/25 14:06	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			08/20/25 02:55	1

Client Sample ID: CS-3

Lab Sample ID: 890-8639-3

Date Collected: 08/18/25 00:00

Matrix: Solid

Date Received: 08/18/25 16:14

Sample Depth: 4

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/19/25 08:48	08/22/25 13:27	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/19/25 08:48	08/22/25 13:27	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/19/25 08:48	08/22/25 13:27	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/19/25 08:48	08/22/25 13:27	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/19/25 08:48	08/22/25 13:27	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/19/25 08:48	08/22/25 13:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/19/25 08:48	08/22/25 13:27	1
1,4-Difluorobenzene (Surr)	89		70 - 130	08/19/25 08:48	08/22/25 13:27	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/22/25 13:27	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/21/25 14:26	1

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## Client Sample Results

Client: Standard Safety & Supply  
Project/Site: Eumont Hardy #23

Job ID: 890-8639-1  
SDG: Lea Co, NM

Client Sample ID: CS-3

Lab Sample ID: 890-8639-3

Date Collected: 08/18/25 00:00

Matrix: Solid

Date Received: 08/18/25 16:14

Sample Depth: 4

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 14:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 14:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 14:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	55	S1-	70 - 130				08/19/25 06:56	08/21/25 14:26	1
o-Terphenyl	54	S1-	70 - 130				08/19/25 06:56	08/21/25 14:26	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			08/20/25 03:01	1

Client Sample ID: CS-4

Lab Sample ID: 890-8639-4

Date Collected: 08/18/25 00:00

Matrix: Solid

Date Received: 08/18/25 16:14

Sample Depth: 4

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/19/25 08:48	08/22/25 13:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/19/25 08:48	08/22/25 13:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/19/25 08:48	08/22/25 13:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/19/25 08:48	08/22/25 13:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/19/25 08:48	08/22/25 13:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/19/25 08:48	08/22/25 13:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				08/19/25 08:48	08/22/25 13:48	1
1,4-Difluorobenzene (Surr)	90		70 - 130				08/19/25 08:48	08/22/25 13:48	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/22/25 13:48	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/21/25 14:47	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 14:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 14:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 14:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				08/19/25 06:56	08/21/25 14:47	1
o-Terphenyl	94		70 - 130				08/19/25 06:56	08/21/25 14:47	1

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## Client Sample Results

Client: Standard Safety & Supply  
Project/Site: Eumont Hardy #23

Job ID: 890-8639-1  
SDG: Lea Co, NM

## Client Sample ID: CS-4

Date Collected: 08/18/25 00:00

Date Received: 08/18/25 16:14

Sample Depth: 4

## Lab Sample ID: 890-8639-4

Matrix: Solid

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.3		9.92		mg/Kg			08/20/25 03:06	1

## Client Sample ID: CS-5

Date Collected: 08/18/25 00:00

Date Received: 08/18/25 16:14

Sample Depth: 4

## Lab Sample ID: 890-8639-5

Matrix: Solid

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/19/25 08:48	08/22/25 14:08	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/19/25 08:48	08/22/25 14:08	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/19/25 08:48	08/22/25 14:08	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/19/25 08:48	08/22/25 14:08	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/19/25 08:48	08/22/25 14:08	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/19/25 08:48	08/22/25 14:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				08/19/25 08:48	08/22/25 14:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130				08/19/25 08:48	08/22/25 14:08	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			08/22/25 14:08	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/21/25 15:07	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/25 06:56	08/21/25 15:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/25 06:56	08/21/25 15:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/25 06:56	08/21/25 15:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				08/19/25 06:56	08/21/25 15:07	1
o-Terphenyl	115		70 - 130				08/19/25 06:56	08/21/25 15:07	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			08/20/25 03:23	1

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## Client Sample Results

Client: Standard Safety & Supply  
Project/Site: Eumont Hardy #23

Job ID: 890-8639-1  
SDG: Lea Co, NM

Client Sample ID: SW-1

Lab Sample ID: 890-8639-6

Date Collected: 08/18/25 00:00

Matrix: Solid

Date Received: 08/18/25 16:14

Sample Depth: 0-4

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/19/25 08:48	08/22/25 14:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/19/25 08:48	08/22/25 14:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/19/25 08:48	08/22/25 14:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/19/25 08:48	08/22/25 14:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/19/25 08:48	08/22/25 14:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/19/25 08:48	08/22/25 14:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/19/25 08:48	08/22/25 14:29	1
1,4-Difluorobenzene (Surr)	88		70 - 130	08/19/25 08:48	08/22/25 14:29	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/22/25 14:29	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/21/25 15:28	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 15:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 15:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 15:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	08/19/25 06:56	08/21/25 15:28	1
o-Terphenyl	94		70 - 130	08/19/25 06:56	08/21/25 15:28	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.7		10.0		mg/Kg			08/20/25 03:29	1

Client Sample ID: SW-2

Lab Sample ID: 890-8639-7

Date Collected: 08/18/25 00:00

Matrix: Solid

Date Received: 08/18/25 16:14

Sample Depth: 0-4

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/19/25 08:48	08/22/25 14:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/19/25 08:48	08/22/25 14:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/19/25 08:48	08/22/25 14:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/19/25 08:48	08/22/25 14:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/19/25 08:48	08/22/25 14:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/19/25 08:48	08/22/25 14:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	08/19/25 08:48	08/22/25 14:49	1

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## Client Sample Results

Client: Standard Safety & Supply  
Project/Site: Eumont Hardy #23

Job ID: 890-8639-1  
SDG: Lea Co, NM

Client Sample ID: SW-2

Lab Sample ID: 890-8639-7

Date Collected: 08/18/25 00:00

Matrix: Solid

Date Received: 08/18/25 16:14

Sample Depth: 0-4

## Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	89		70 - 130	08/19/25 08:48	08/22/25 14:49	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/22/25 14:49	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/21/25 15:48	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/25 06:56	08/21/25 15:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/25 06:56	08/21/25 15:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/25 06:56	08/21/25 15:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				08/19/25 06:56	08/21/25 15:48	1
o-Terphenyl	95		70 - 130				08/19/25 06:56	08/21/25 15:48	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.4		10.0		mg/Kg			08/20/25 03:46	1

Client Sample ID: SW-3

Lab Sample ID: 890-8639-8

Date Collected: 08/18/25 00:00

Matrix: Solid

Date Received: 08/18/25 16:14

Sample Depth: 0-4

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/19/25 08:48	08/22/25 15:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/19/25 08:48	08/22/25 15:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/19/25 08:48	08/22/25 15:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/19/25 08:48	08/22/25 15:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/19/25 08:48	08/22/25 15:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/19/25 08:48	08/22/25 15:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	08/19/25 08:48	08/22/25 15:10	1
1,4-Difluorobenzene (Surr)	90		70 - 130	08/19/25 08:48	08/22/25 15:10	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/22/25 15:10	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/21/25 16:09	1

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## Client Sample Results

Client: Standard Safety & Supply  
Project/Site: Eumont Hardy #23

Job ID: 890-8639-1  
SDG: Lea Co, NM

Client Sample ID: SW-3

Lab Sample ID: 890-8639-8

Date Collected: 08/18/25 00:00

Matrix: Solid

Date Received: 08/18/25 16:14

Sample Depth: 0-4

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/19/25 06:56	08/21/25 16:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/19/25 06:56	08/21/25 16:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/19/25 06:56	08/21/25 16:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				08/19/25 06:56	08/21/25 16:09	1
o-Terphenyl	99		70 - 130				08/19/25 06:56	08/21/25 16:09	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			08/20/25 03:52	1

Client Sample ID: SW-4

Lab Sample ID: 890-8639-9

Date Collected: 08/18/25 00:00

Matrix: Solid

Date Received: 08/18/25 16:14

Sample Depth: 0-4

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/25 08:48	08/22/25 15:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/25 08:48	08/22/25 15:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/25 08:48	08/22/25 15:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/19/25 08:48	08/22/25 15:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/25 08:48	08/22/25 15:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/19/25 08:48	08/22/25 15:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				08/19/25 08:48	08/22/25 15:30	1
1,4-Difluorobenzene (Surr)	89		70 - 130				08/19/25 08:48	08/22/25 15:30	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/22/25 15:30	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			08/20/25 06:15	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		08/15/25 16:08	08/20/25 06:15	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		08/15/25 16:08	08/20/25 06:15	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/15/25 16:08	08/20/25 06:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				08/15/25 16:08	08/20/25 06:15	1
o-Terphenyl	90		70 - 130				08/15/25 16:08	08/20/25 06:15	1

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Client Sample Results

Client: Standard Safety & Supply  
Project/Site: Eumont Hardy #23

Job ID: 890-8639-1  
SDG: Lea Co, NM

**Client Sample ID: SW-4**  
**Date Collected: 08/18/25 00:00**  
**Date Received: 08/18/25 16:14**  
**Sample Depth: 0-4**

**Lab Sample ID: 890-8639-9**  
**Matrix: Solid**

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.8		10.1		mg/Kg			08/20/25 03:57	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# Surrogate Summary

Client: Standard Safety & Supply  
Project/Site: Eumont Hardy #23

Job ID: 890-8639-1  
SDG: Lea Co, NM

## Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-8639-1	CS-1	116	88
890-8639-1 MS	CS-1	110	96
890-8639-1 MSD	CS-1	112	95
890-8639-2	CS-2	112	90
890-8639-3	CS-3	111	89
890-8639-4	CS-4	109	90
890-8639-5	CS-5	108	91
890-8639-6	SW-1	111	88
890-8639-7	SW-2	105	89
890-8639-8	SW-3	121	90
890-8639-9	SW-4	108	89
LCS 880-117018/1-A	Lab Control Sample	123	95
LCSD 880-117018/2-A	Lab Control Sample Dup	108	97
MB 880-117018/5-A	Method Blank	111	82
<b>Surrogate Legend</b>			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-8639-1	CS-1	82	79
890-8639-1 MS	CS-1	91	84
890-8639-1 MSD	CS-1	104	90
890-8639-2	CS-2	96	93
890-8639-3	CS-3	55 S1-	54 S1-
890-8639-4	CS-4	97	94
890-8639-5	CS-5	111	115
890-8639-6	SW-1	92	94
890-8639-7	SW-2	94	95
890-8639-8	SW-3	101	99
890-8639-9	SW-4	105	90
LCS 880-116816/2-A	Lab Control Sample	90	91
LCS 880-117010/2-A	Lab Control Sample	110	98
LCSD 880-116816/3-A	Lab Control Sample Dup	92	90
MB 880-116816/1-A	Method Blank	88	81
MB 880-117010/1-A	Method Blank	94	92
<b>Surrogate Legend</b>			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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Surrogate Summary

Client: Standard Safety & Supply  
Project/Site: Eumont Hardy #23

Job ID: 890-8639-1  
SDG: Lea Co, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID		
LCSD 880-117010/3-A	Lab Control Sample Dup		
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			



## QC Sample Results

Client: Standard Safety & Supply  
Project/Site: Eumont Hardy #23

Job ID: 890-8639-1  
SDG: Lea Co, NM

## Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-117018/5-A

Matrix: Solid

Analysis Batch: 117337

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 117018

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/25 08:48	08/22/25 12:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/25 08:48	08/22/25 12:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/25 08:48	08/22/25 12:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/25 08:48	08/22/25 12:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/25 08:48	08/22/25 12:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/25 08:48	08/22/25 12:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/19/25 08:48	08/22/25 12:04	1
1,4-Difluorobenzene (Surr)	82		70 - 130	08/19/25 08:48	08/22/25 12:04	1

Lab Sample ID: LCS 880-117018/1-A

Matrix: Solid

Analysis Batch: 117337

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 117018

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1034		mg/Kg		103	70 - 130
Toluene	0.100	0.09372		mg/Kg		94	70 - 130
Ethylbenzene	0.100	0.1071		mg/Kg		107	70 - 130
m-Xylene & p-Xylene	0.200	0.2113		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1045		mg/Kg		105	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-117018/2-A

Matrix: Solid

Analysis Batch: 117337

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 117018

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1019		mg/Kg		102	70 - 130	1	35
Toluene	0.100	0.09220		mg/Kg		92	70 - 130	2	35
Ethylbenzene	0.100	0.1050		mg/Kg		105	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2078		mg/Kg		104	70 - 130	2	35
o-Xylene	0.100	0.1022		mg/Kg		102	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 890-8639-1 MS

Matrix: Solid

Analysis Batch: 117337

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 117018

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08518		mg/Kg		85	70 - 130
Toluene	<0.00200	U	0.100	0.07708		mg/Kg		77	70 - 130

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## QC Sample Results

Client: Standard Safety & Supply  
Project/Site: Eumont Hardy #23

Job ID: 890-8639-1  
SDG: Lea Co, NM

## Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-8639-1 MS

Matrix: Solid

Analysis Batch: 117337

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 117018

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.08654		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1700		mg/Kg		85	70 - 130
o-Xylene	<0.00200	U	0.100	0.08400		mg/Kg		84	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 890-8639-1 MSD

Matrix: Solid

Analysis Batch: 117337

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 117018

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.09249		mg/Kg		92	70 - 130	8	35
Toluene	<0.00200	U	0.100	0.08349		mg/Kg		83	70 - 130	8	35
Ethylbenzene	<0.00200	U	0.100	0.09407		mg/Kg		94	70 - 130	8	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1846		mg/Kg		92	70 - 130	8	35
o-Xylene	<0.00200	U	0.100	0.09138		mg/Kg		91	70 - 130	8	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-116816/1-A

Matrix: Solid

Analysis Batch: 117016

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 116816

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/15/25 16:08	08/19/25 23:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/15/25 16:08	08/19/25 23:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/15/25 16:08	08/19/25 23:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	08/15/25 16:08	08/19/25 23:47	1
o-Terphenyl	81		70 - 130	08/15/25 16:08	08/19/25 23:47	1

Lab Sample ID: LCS 880-116816/2-A

Matrix: Solid

Analysis Batch: 117016

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 116816

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1051		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	1000	985.1		mg/Kg		99	70 - 130

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## QC Sample Results

Client: Standard Safety & Supply  
Project/Site: Eumont Hardy #23

Job ID: 890-8639-1  
SDG: Lea Co, NM

## Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-116816/2-A  
Matrix: Solid  
Analysis Batch: 117016

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 116816

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	91		70 - 130

Lab Sample ID: LCSD 880-116816/3-A  
Matrix: Solid  
Analysis Batch: 117016

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 116816

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1067		mg/Kg		107	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1001		mg/Kg		100	70 - 130	2	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	90		70 - 130

Lab Sample ID: MB 880-117010/1-A  
Matrix: Solid  
Analysis Batch: 117278

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 117010

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 10:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 10:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 10:40	1

	MB	MB		Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	94		70 - 130	08/19/25 06:56	08/21/25 10:40	1
o-Terphenyl	92		70 - 130	08/19/25 06:56	08/21/25 10:40	1

Lab Sample ID: LCS 880-117010/2-A  
Matrix: Solid  
Analysis Batch: 117278

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 117010

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1052		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	1000	988.8		mg/Kg		99	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	110		70 - 130
o-Terphenyl	98		70 - 130

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## QC Sample Results

Client: Standard Safety & Supply  
Project/Site: Eumont Hardy #23

Job ID: 890-8639-1  
SDG: Lea Co, NM

## Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-117010/3-A

Matrix: Solid

Analysis Batch: 117278

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 117010

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	932.4		mg/Kg					
Diesel Range Organics (Over C10-C28)	1000	943.9		mg/Kg					
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane									
o-Terphenyl									

Lab Sample ID: 890-8639-1 MS

Matrix: Solid

Analysis Batch: 117278

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 117010

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	927.4		mg/Kg		91	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U F1	998	673.3	F1	mg/Kg		66	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	91		70 - 130								
o-Terphenyl	84		70 - 130								

Lab Sample ID: 890-8639-1 MSD

Matrix: Solid

Analysis Batch: 117278

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 117010

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1003		mg/Kg		98	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	998	759.7		mg/Kg		74	70 - 130	12	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	104		70 - 130								
o-Terphenyl	90		70 - 130								

## Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-117044/1-A

Matrix: Solid

Analysis Batch: 117069

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			08/19/25 19:10	1

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## QC Sample Results

Client: Standard Safety & Supply  
Project/Site: Eumont Hardy #23

Job ID: 890-8639-1  
SDG: Lea Co, NM

## Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-117044/2-A  
Matrix: Solid  
Analysis Batch: 117069

Client Sample ID: Lab Control Sample  
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	231.9		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-117044/3-A  
Matrix: Solid  
Analysis Batch: 117069

Client Sample ID: Lab Control Sample Dup  
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	232.8		mg/Kg		93	90 - 110	0	20

Lab Sample ID: MB 880-117062/1-A  
Matrix: Solid  
Analysis Batch: 117072

Client Sample ID: Method Blank  
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			08/20/25 01:30	1

Lab Sample ID: LCS 880-117062/2-A  
Matrix: Solid  
Analysis Batch: 117072

Client Sample ID: Lab Control Sample  
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	237.3		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-117062/3-A  
Matrix: Solid  
Analysis Batch: 117072

Client Sample ID: Lab Control Sample Dup  
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	237.2		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 890-8639-4 MS  
Matrix: Solid  
Analysis Batch: 117072

Client Sample ID: CS-4  
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.3		248	244.7		mg/Kg		95	90 - 110

Lab Sample ID: 890-8639-4 MSD  
Matrix: Solid  
Analysis Batch: 117072

Client Sample ID: CS-4  
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.3		248	244.9		mg/Kg		95	90 - 110	0	20

Eurofins Carlsbad

## QC Association Summary

Client: Standard Safety & Supply  
Project/Site: Eumont Hardy #23

Job ID: 890-8639-1  
SDG: Lea Co, NM

## GC VOA

## Prep Batch: 117018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8639-1	CS-1	Total/NA	Solid	5035	
890-8639-2	CS-2	Total/NA	Solid	5035	
890-8639-3	CS-3	Total/NA	Solid	5035	
890-8639-4	CS-4	Total/NA	Solid	5035	
890-8639-5	CS-5	Total/NA	Solid	5035	
890-8639-6	SW-1	Total/NA	Solid	5035	
890-8639-7	SW-2	Total/NA	Solid	5035	
890-8639-8	SW-3	Total/NA	Solid	5035	
890-8639-9	SW-4	Total/NA	Solid	5035	
MB 880-117018/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-117018/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-117018/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8639-1 MS	CS-1	Total/NA	Solid	5035	
890-8639-1 MSD	CS-1	Total/NA	Solid	5035	

## Analysis Batch: 117337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8639-1	CS-1	Total/NA	Solid	8021B	117018
890-8639-2	CS-2	Total/NA	Solid	8021B	117018
890-8639-3	CS-3	Total/NA	Solid	8021B	117018
890-8639-4	CS-4	Total/NA	Solid	8021B	117018
890-8639-5	CS-5	Total/NA	Solid	8021B	117018
890-8639-6	SW-1	Total/NA	Solid	8021B	117018
890-8639-7	SW-2	Total/NA	Solid	8021B	117018
890-8639-8	SW-3	Total/NA	Solid	8021B	117018
890-8639-9	SW-4	Total/NA	Solid	8021B	117018
MB 880-117018/5-A	Method Blank	Total/NA	Solid	8021B	117018
LCS 880-117018/1-A	Lab Control Sample	Total/NA	Solid	8021B	117018
LCSD 880-117018/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	117018
890-8639-1 MS	CS-1	Total/NA	Solid	8021B	117018
890-8639-1 MSD	CS-1	Total/NA	Solid	8021B	117018

## Analysis Batch: 117407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8639-1	CS-1	Total/NA	Solid	Total BTEX	
890-8639-2	CS-2	Total/NA	Solid	Total BTEX	
890-8639-3	CS-3	Total/NA	Solid	Total BTEX	
890-8639-4	CS-4	Total/NA	Solid	Total BTEX	
890-8639-5	CS-5	Total/NA	Solid	Total BTEX	
890-8639-6	SW-1	Total/NA	Solid	Total BTEX	
890-8639-7	SW-2	Total/NA	Solid	Total BTEX	
890-8639-8	SW-3	Total/NA	Solid	Total BTEX	
890-8639-9	SW-4	Total/NA	Solid	Total BTEX	

## GC Semi VOA

## Prep Batch: 116816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8639-9	SW-4	Total/NA	Solid	8015NM Prep	
MB 880-116816/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116816/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

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## QC Association Summary

Client: Standard Safety & Supply  
Project/Site: Eumont Hardy #23

Job ID: 890-8639-1  
SDG: Lea Co, NM

## GC Semi VOA (Continued)

## Prep Batch: 116816 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-116816/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

## Prep Batch: 117010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8639-1	CS-1	Total/NA	Solid	8015NM Prep	
890-8639-2	CS-2	Total/NA	Solid	8015NM Prep	
890-8639-3	CS-3	Total/NA	Solid	8015NM Prep	
890-8639-4	CS-4	Total/NA	Solid	8015NM Prep	
890-8639-5	CS-5	Total/NA	Solid	8015NM Prep	
890-8639-6	SW-1	Total/NA	Solid	8015NM Prep	
890-8639-7	SW-2	Total/NA	Solid	8015NM Prep	
890-8639-8	SW-3	Total/NA	Solid	8015NM Prep	
MB 880-117010/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-117010/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-117010/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8639-1 MS	CS-1	Total/NA	Solid	8015NM Prep	
890-8639-1 MSD	CS-1	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 117016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8639-9	SW-4	Total/NA	Solid	8015B NM	116816
MB 880-116816/1-A	Method Blank	Total/NA	Solid	8015B NM	116816
LCS 880-116816/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116816
LCSD 880-116816/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116816

## Analysis Batch: 117141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8639-1	CS-1	Total/NA	Solid	8015 NM	
890-8639-2	CS-2	Total/NA	Solid	8015 NM	
890-8639-3	CS-3	Total/NA	Solid	8015 NM	
890-8639-4	CS-4	Total/NA	Solid	8015 NM	
890-8639-5	CS-5	Total/NA	Solid	8015 NM	
890-8639-6	SW-1	Total/NA	Solid	8015 NM	
890-8639-7	SW-2	Total/NA	Solid	8015 NM	
890-8639-8	SW-3	Total/NA	Solid	8015 NM	
890-8639-9	SW-4	Total/NA	Solid	8015 NM	

## Analysis Batch: 117278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8639-1	CS-1	Total/NA	Solid	8015B NM	117010
890-8639-2	CS-2	Total/NA	Solid	8015B NM	117010
890-8639-3	CS-3	Total/NA	Solid	8015B NM	117010
890-8639-4	CS-4	Total/NA	Solid	8015B NM	117010
890-8639-5	CS-5	Total/NA	Solid	8015B NM	117010
890-8639-6	SW-1	Total/NA	Solid	8015B NM	117010
890-8639-7	SW-2	Total/NA	Solid	8015B NM	117010
890-8639-8	SW-3	Total/NA	Solid	8015B NM	117010
MB 880-117010/1-A	Method Blank	Total/NA	Solid	8015B NM	117010
LCS 880-117010/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	117010
LCSD 880-117010/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	117010
890-8639-1 MS	CS-1	Total/NA	Solid	8015B NM	117010

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## QC Association Summary

Client: Standard Safety & Supply  
Project/Site: Eumont Hardy #23

Job ID: 890-8639-1  
SDG: Lea Co, NM

## GC Semi VOA (Continued)

## Analysis Batch: 117278 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8639-1 MSD	CS-1	Total/NA	Solid	8015B NM	117010

## HPLC/IC

## Leach Batch: 117044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8639-1	CS-1	Soluble	Solid	DI Leach	
MB 880-117044/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-117044/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-117044/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

## Leach Batch: 117062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8639-2	CS-2	Soluble	Solid	DI Leach	
890-8639-3	CS-3	Soluble	Solid	DI Leach	
890-8639-4	CS-4	Soluble	Solid	DI Leach	
890-8639-5	CS-5	Soluble	Solid	DI Leach	
890-8639-6	SW-1	Soluble	Solid	DI Leach	
890-8639-7	SW-2	Soluble	Solid	DI Leach	
890-8639-8	SW-3	Soluble	Solid	DI Leach	
890-8639-9	SW-4	Soluble	Solid	DI Leach	
MB 880-117062/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-117062/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-117062/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8639-4 MS	CS-4	Soluble	Solid	DI Leach	
890-8639-4 MSD	CS-4	Soluble	Solid	DI Leach	

## Analysis Batch: 117069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8639-1	CS-1	Soluble	Solid	300.0	117044
MB 880-117044/1-A	Method Blank	Soluble	Solid	300.0	117044
LCS 880-117044/2-A	Lab Control Sample	Soluble	Solid	300.0	117044
LCSD 880-117044/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	117044

## Analysis Batch: 117072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8639-2	CS-2	Soluble	Solid	300.0	117062
890-8639-3	CS-3	Soluble	Solid	300.0	117062
890-8639-4	CS-4	Soluble	Solid	300.0	117062
890-8639-5	CS-5	Soluble	Solid	300.0	117062
890-8639-6	SW-1	Soluble	Solid	300.0	117062
890-8639-7	SW-2	Soluble	Solid	300.0	117062
890-8639-8	SW-3	Soluble	Solid	300.0	117062
890-8639-9	SW-4	Soluble	Solid	300.0	117062
MB 880-117062/1-A	Method Blank	Soluble	Solid	300.0	117062
LCS 880-117062/2-A	Lab Control Sample	Soluble	Solid	300.0	117062
LCSD 880-117062/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	117062
890-8639-4 MS	CS-4	Soluble	Solid	300.0	117062
890-8639-4 MSD	CS-4	Soluble	Solid	300.0	117062

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## Lab Chronicle

Client: Standard Safety & Supply  
Project/Site: Eumont Hardy #23

Job ID: 890-8639-1  
SDG: Lea Co, NM

**Client Sample ID: CS-1****Lab Sample ID: 890-8639-1****Date Collected: 08/18/25 00:00****Matrix: Solid****Date Received: 08/18/25 16:14**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	117018	08/19/25 08:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117337	08/22/25 12:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117407	08/22/25 12:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			117141	08/21/25 13:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	117010	08/19/25 06:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117278	08/21/25 13:04	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	117044	08/19/25 11:25	SA	EET MID
Soluble	Analysis	300.0		1			117069	08/19/25 22:00	SMC	EET MID

**Client Sample ID: CS-2****Lab Sample ID: 890-8639-2****Date Collected: 08/18/25 00:00****Matrix: Solid****Date Received: 08/18/25 16:14**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	117018	08/19/25 08:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117337	08/22/25 13:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117407	08/22/25 13:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			117141	08/21/25 14:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	117010	08/19/25 06:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117278	08/21/25 14:06	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	117062	08/19/25 14:01	SA	EET MID
Soluble	Analysis	300.0		1			117072	08/20/25 02:55	SMC	EET MID

**Client Sample ID: CS-3****Lab Sample ID: 890-8639-3****Date Collected: 08/18/25 00:00****Matrix: Solid****Date Received: 08/18/25 16:14**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	117018	08/19/25 08:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117337	08/22/25 13:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117407	08/22/25 13:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			117141	08/21/25 14:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117010	08/19/25 06:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117278	08/21/25 14:26	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	117062	08/19/25 14:01	SA	EET MID
Soluble	Analysis	300.0		1			117072	08/20/25 03:01	SMC	EET MID

**Client Sample ID: CS-4****Lab Sample ID: 890-8639-4****Date Collected: 08/18/25 00:00****Matrix: Solid****Date Received: 08/18/25 16:14**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	117018	08/19/25 08:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117337	08/22/25 13:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117407	08/22/25 13:48	SA	EET MID

Eurofins Carlsbad

## Lab Chronicle

Client: Standard Safety & Supply  
Project/Site: Eumont Hardy #23

Job ID: 890-8639-1  
SDG: Lea Co, NM

## Client Sample ID: CS-4

Date Collected: 08/18/25 00:00

Date Received: 08/18/25 16:14

## Lab Sample ID: 890-8639-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			117141	08/21/25 14:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117010	08/19/25 06:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117278	08/21/25 14:47	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	117062	08/19/25 14:01	SA	EET MID
Soluble	Analysis	300.0		1			117072	08/20/25 03:06	SMC	EET MID

## Client Sample ID: CS-5

Date Collected: 08/18/25 00:00

Date Received: 08/18/25 16:14

## Lab Sample ID: 890-8639-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	117018	08/19/25 08:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117337	08/22/25 14:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117407	08/22/25 14:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			117141	08/21/25 15:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	117010	08/19/25 06:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117278	08/21/25 15:07	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	117062	08/19/25 14:01	SA	EET MID
Soluble	Analysis	300.0		1			117072	08/20/25 03:23	SMC	EET MID

## Client Sample ID: SW-1

Date Collected: 08/18/25 00:00

Date Received: 08/18/25 16:14

## Lab Sample ID: 890-8639-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	117018	08/19/25 08:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117337	08/22/25 14:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117407	08/22/25 14:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			117141	08/21/25 15:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117010	08/19/25 06:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117278	08/21/25 15:28	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	117062	08/19/25 14:01	SA	EET MID
Soluble	Analysis	300.0		1			117072	08/20/25 03:29	SMC	EET MID

## Client Sample ID: SW-2

Date Collected: 08/18/25 00:00

Date Received: 08/18/25 16:14

## Lab Sample ID: 890-8639-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	117018	08/19/25 08:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117337	08/22/25 14:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117407	08/22/25 14:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			117141	08/21/25 15:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	117010	08/19/25 06:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117278	08/21/25 15:48	SA	EET MID

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## Lab Chronicle

Client: Standard Safety & Supply  
Project/Site: Eumont Hardy #23

Job ID: 890-8639-1  
SDG: Lea Co, NM

**Client Sample ID: SW-2****Date Collected: 08/18/25 00:00****Date Received: 08/18/25 16:14****Lab Sample ID: 890-8639-7****Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	117062	08/19/25 14:01	SA	EET MID
Soluble	Analysis	300.0		1			117072	08/20/25 03:46	SMC	EET MID

**Client Sample ID: SW-3****Date Collected: 08/18/25 00:00****Date Received: 08/18/25 16:14****Lab Sample ID: 890-8639-8****Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	117018	08/19/25 08:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117337	08/22/25 15:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117407	08/22/25 15:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			117141	08/21/25 16:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	117010	08/19/25 06:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117278	08/21/25 16:09	SA	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	117062	08/19/25 14:01	SA	EET MID
Soluble	Analysis	300.0		1			117072	08/20/25 03:52	SMC	EET MID

**Client Sample ID: SW-4****Date Collected: 08/18/25 00:00****Date Received: 08/18/25 16:14****Lab Sample ID: 890-8639-9****Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	117018	08/19/25 08:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117337	08/22/25 15:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117407	08/22/25 15:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			117141	08/20/25 06:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	116816	08/15/25 16:08	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/20/25 06:15	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	117062	08/19/25 14:01	SA	EET MID
Soluble	Analysis	300.0		1			117072	08/20/25 03:57	SMC	EET MID

**Laboratory References:**

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Carlsbad

Accreditation/Certification Summary

Client: Standard Safety & Supply  
Project/Site: Eumont Hardy #23

Job ID: 890-8639-1  
SDG: Lea Co, NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Standard Safety & Supply  
Project/Site: Eumont Hardy #23

Job ID: 890-8639-1  
SDG: Lea Co, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Standard Safety & Supply  
Project/Site: Eumont Hardy #23

Job ID: 890-8639-1  
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-8639-1	CS-1	Solid	08/18/25 00:00	08/18/25 16:14	4
890-8639-2	CS-2	Solid	08/18/25 00:00	08/18/25 16:14	4
890-8639-3	CS-3	Solid	08/18/25 00:00	08/18/25 16:14	4
890-8639-4	CS-4	Solid	08/18/25 00:00	08/18/25 16:14	4
890-8639-5	CS-5	Solid	08/18/25 00:00	08/18/25 16:14	4
890-8639-6	SW-1	Solid	08/18/25 00:00	08/18/25 16:14	0-4
890-8639-7	SW-2	Solid	08/18/25 00:00	08/18/25 16:14	0-4
890-8639-8	SW-3	Solid	08/18/25 00:00	08/18/25 16:14	0-4
890-8639-9	SW-4	Solid	08/18/25 00:00	08/18/25 16:14	0-4







Environment Testing  
Xenco

# Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300  
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334  
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296  
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199



890-8639 Chain of Custody

www.xenco.com Page 1 of 1

Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	Standard Safety & Supply	Company Name:	
Address:		Address:	
City, State ZIP:	Carlsbad NM 88220	City, State ZIP:	
Phone:		Email:	

Work Order Comments	
Program:	UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:	Eumont Hardy #23		Turn Around		ANALYSIS REQUEST												Preservative Codes			
Project Number:			<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code													None: NO DI Water: H <sub>2</sub> O		
Project Location:	Lea Co, NM		Due Date:	5 Day	Parameters BTEX 8021B TPH 8015M EPA 300-0													Cool: Cool MeOH: Me		
Sampler's Name:	Kenny Han		TAT starts the day received by the lab, if received by 4:30pm															HCL: HC HNO <sub>3</sub> : HN		
P.O. #:																		H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na		
SAMPLE RECEIPT		Temp Blank:	(Yes) No	Wet Ice:		(Yes) No													H <sub>3</sub> PO <sub>4</sub> : HP	
Samples Received Intact:	(Yes) No	Thermometer ID:	T11111111															NaHSO <sub>4</sub> : NABIS		
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2														Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>			
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-3.0														Zn Acetate+NaOH: Zn			
Total Containers:	9	Corrected Temperature:	-2.8														NaOH+Ascorbic Acid: SAPC			
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont													Sample Comments	
CS-1	Soil	8/18		4	Comp	1														
CS-2				4																
CS-3				4																
CS-4				4																
CS-5				4																
SW-1				0-4																
SW-2				0-4																
SW-3				0-4																
SW-4				0-4																

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO <sub>2</sub> Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010 : 8RCRA	Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	<i>[Signature]</i>	8/18 14:11	2		
3			4		
5			6		

Revised Date: 06/25/2020 Rev. 2020.2

## Login Sample Receipt Checklist

Client: Standard Safety &amp; Supply

Job Number: 890-8639-1

SDG Number: Lea Co, NM

Login Number: 8639

List Number: 1

Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



## Login Sample Receipt Checklist

Client: Standard Safety &amp; Supply

Job Number: 890-8639-1

SDG Number: Lea Co, NM

Login Number: 8639

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 08/19/25 06:44 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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

QUESTIONS

Action 500430

**QUESTIONS**

Operator: MAR OIL & GAS CORP. P.O. Box 5155 Santa Fe, NM 87502	OGRID: 151228
	Action Number: 500430
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2408837611
Incident Name	NAPP2408837611 EUMONT HARDY #023 @ 30-025-06216
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-06216] EUMONT HARDY UNIT #023

**Location of Release Source**

Please answer all the questions in this group.

Site Name	EUMONT HARDY #023
Date Release Discovered	03/01/2023
Surface Owner	State

**Incident Details**

Please answer all the questions in this group.

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

**Nature and Volume of Release**

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

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

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QUESTIONS, Page 2

Action 500430

**QUESTIONS (continued)**

Operator: MAR OIL & GAS CORP. P.O. Box 5155 Santa Fe, NM 87502	OGRID: 151228
	Action Number: 500430
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

**Initial Response**

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

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

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

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

I hereby agree and sign off to the above statement	Name: Natalie Gladden Title: Environmental Email: natalie@energystaffingllc.com Date: 04/01/2024
--	---

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QUESTIONS, Page 3

Action 500430

**QUESTIONS (continued)**

Operator: MAR OIL & GAS CORP. P.O. Box 5155 Santa Fe, NM 87502	OGRID: 151228
	Action Number: 500430
	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 51 and 75 (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
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (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)	983
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	04/20/2023
On what date will (or did) the final sampling or liner inspection occur	08/18/2025
On what date will (or was) the remediation complete(d)	08/18/2025
What is the estimated surface area (in square feet) that will be reclaimed	1000
What is the estimated volume (in cubic yards) that will be reclaimed	120
What is the estimated surface area (in square feet) that will be remediated	1000
What is the estimated volume (in cubic yards) that will be remediated	120

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 500430

**QUESTIONS (continued)**

Operator: MAR OIL & GAS CORP. P.O. Box 5155 Santa Fe, NM 87502	OGRID: 151228
	Action Number: 500430
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	fEEM0112340644 R360 ARTESIA LLC LANDFARM
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Leon Romero Title: President Email: laromero@marog.com Date: 08/28/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 500430

QUESTIONS (continued)

Operator:  MAR OIL & GAS CORP. P.O. Box 5155 Santa Fe, NM 87502	OGRID:  151228
	Action Number:  500430
	Action Type:  [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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**Santa Fe, NM 87505**

QUESTIONS, Page 6

Action 500430

**QUESTIONS (continued)**

Operator: MAR OIL & GAS CORP. P.O. Box 5155 Santa Fe, NM 87502	OGRID: 151228
	Action Number: 500430
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	495921
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/18/2025
What was the (estimated) number of samples that were to be gathered	9
What was the sampling surface area in square feet	800

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1000
What was the total volume (cubic yards) remediated	120
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	1000
What was the total volume (in cubic yards) reclaimed	120
Summarize any additional remediation activities not included by answers (above)	Remediation took place due to NMSLO conditions during pad P&A procedures.
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Leon Romero Title: President Email: <a href="mailto:laromero@marog.com">laromero@marog.com</a> Date: 08/28/2025

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QUESTIONS, Page 7

Action 500430

QUESTIONS (continued)

Operator: MAR OIL & GAS CORP. P.O. Box 5155 Santa Fe, NM 87502	OGRID: 151228
	Action Number: 500430
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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



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

CONDITIONS

Action 500430

CONDITIONS

Operator: MAR OIL & GAS CORP. P.O. Box 5155 Santa Fe, NM 87502	OGRID: 151228
	Action Number: 500430
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvez	None	9/12/2025