



February 2, 2026

District Supervisor
Oil Conservation Division, District 1
1625 North French Drive
Hobbs, New Mexico 88240

**Re: Release Characterization, Interim Activities, and Remediation Work Plan
Chevron Asset Retirement
Livestock Federal 2-9 Pad Release
Unit Letter G, Section 09, Township 22 South, Range 33 East
Lea County, New Mexico
Incident ID# nAPP2436466571**

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by Chevron Asset Retirement (AR) to assess a release associated with the Livestock Federal 2-9 Pad. The release footprint is located in Public Land Survey System (PLSS) Unit Letter G, Section 09, Township 22 South, and Range 33 East, in Eddy County, New Mexico (Site). The approximate release point occurred at coordinates 32.40937°, -103.57472° as shown on Figures 1 and 2.

BACKGROUND

According to the C-141 Initial Report, the release was discovered on December 29, 2024. The cause of the release was reported as downhole well maintenance, and the source was the well. Approximately 84 barrels (bbls) of produced water, 2 bbls of crude oil, and 25 thousand cubic feet (MCF) of natural gas vented were reported released. No volume of crude oil or produced water was recovered. The release occurred on pad and in the pasture. The approximate release footprint is approximately 8,222 square feet on pad and approximately 5,450 square feet off pad. The New Mexico Oil Conservation Division (NMOCD) approved the initial C-141 on January 7, 2025, and subsequently assigned the release the Incident ID nAPP2436466571. The C-141 is included in Appendix A.

LAND OWNERSHIP

According to the NMOCD Oil and Gas Map, the Site is located on federal lands managed by the Bureau of Land Management (BLM). The BLM will be notified prior to any remedial activities commencing for this incident.

SITE CHARACTERIZATION

A Site characterization was performed and no sinkholes, playa lakes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, stream bodies, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the distances specified in 19.15.29 NMAC. The Site is in an area of low karst potential.

According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there are no water wells within an 800-meter (approximately 1/2-mile) radius of the site. According to the NMOSE, there is one

Tetra Tech

901 West Wall St., Suite 100, Midland, TX 79701

Tel 432.682.4559 Fax 432.682.3946 www.tetrattech.com

well within 2.08 miles (3,350 meters) with a total well depth of 1,098 feet and a depth to water of 555 feet below ground surface (bgs).

As the available water level information is from a well farther than ½-mile away from the Site, Chevron elected to drill a boring to verify depth to groundwater. Chevron contracted a licensed well drilling subcontractor to drill a groundwater determination borehole (DTW) to 105 feet bgs on the DL 9 16 Loch Ness Federal Com #016H well pad, which is located less than 800 meters from the Site. The borehole was temporarily set and screened using 2-inch PVC well materials. No water was present in the well during or after drilling. The screen and casing were removed, and the borehole was plugged with 3/8-inch bentonite chips. The borehole coordinates are 32.414086°, -103.574027°, and the boring location is indicated in Figure 3. The Site characterization data, boring log, and temporary well diagram are included in Appendix B.

REGULATORY FRAMEWORK

Based upon the release footprint and in accordance with Subsection E of 19.15.29.12 NMAC, per 19.15.29.11 NMAC, the Site characterization data was used to determine recommended remedial action levels (RRALs) for benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX), total petroleum hydrocarbons (TPH), and chlorides in soil.

Based on the Site characterization and in accordance with Table I of 19.15.29.12 NMAC, the RRALs for the Site are as follows:

Constituent	Site RRALs
Chloride	20,000 mg/kg
TPH (GRO+DRO+ORO)	2,500 mg/kg
TPH (GRO+DRO)	1,000 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

Additionally, in accordance with the NMOCD guidance Procedures for Implementation of the Spill Rule (19.15.29 NMAC) (September 6, 2019), the following reclamation requirements for surface soils (0-4 feet bgs) outside of active oil and gas operations are as follows:

Constituent	Reclamation Requirements
Chloride	600 mg/kg
TPH (GRO+DRO+ORO)	100 mg/kg

SITE ASSESSMENT

Ensolum were on Site on January 23-24, 2025 to conduct assessment activities of the subject release on behalf of Chevron. Assessment activities included installing a series of hand auger borings on pad and in the pasture to discern the release footprint. Eighteen (18) borings (SS01 through SS18) were installed at surface outside the release area footprint for horizontal delineation. Nine (9) hand auger borings (BH01 through BH09) were installed in the release area footprint to total depths ranging from 0.75 feet to 2.5 feet bgs. Horizontal delineation was achieved; however vertical delineation was not achieved. Photographic documentation of Site conditions at the time of the assessment is presented in Appendix C.

Ensolum remobilized to the Site on February 17, 2025, and installed five (5) trenches in the locations of BH01, BH06, BH07, BH08, and BH09 to total depths ranging from 2 feet bgs to 15 feet bgs using a backhoe to evaluate the vertical extents of the release. Assessment sampling locations are presented in Figure 3. Photographic documentation of the Site conditions is included in Appendix C.

A total of fifty-one (51) samples were collected from the twenty-seven (27) hand auger boring/trench locations and submitted to Envirotech Laboratories in Farmington, New Mexico to be analyzed for chlorides via EPA Method 300.0/9056A, TPH via EPA Method EPA 8015D, and BTEX via EPA Method EPA 8260B. A copy of the laboratory analytical report and chain-of-custody documentation are included in Appendix D.

SUMMARY OF RESULTS

The laboratory analytical results from January 2025 and February 2025 assessment sampling activities are summarized in Table 1. Both horizontal and vertical delineation to Site RRALs of 20,000 mg/kg for chloride and 2,500 mg/kg for TPH were completed following the assessment and Site characterization activities. Analytical results associated with surface soil intervals (0-4 feet bgs) at BH01, BH05, BH06, BH07, BH08 and BH09 exceeded the reclamation limit for chloride (600 mg/kg). All other analytical results were below the applicable Site RRALs and reclamation limits.

REGULATORY CORRESPONDENCE

A confirmation sampling variance to collect excavation floor samples every 400 square feet was requested via email by Amy Barhill of Chevron to the NMOCD. The NMOCD approved the variance via email on April 3, 2025.

A 90-day extension request was sent via email to the NMOCD by Ms. Barhill on April 21, 2025. The email also detailed Chevron's plan to install a depth to groundwater boring to establish Site RRALs at 20,000 mg/kg for chloride and 2,500 mg/kg for TPH. The NMOCD approved the extension on April 21, 2025. Regulatory correspondence is included in Appendix E.

INTERIM REMEDIATION ACTIVITIES AND CONFIRMATION SAMPLING - PASTURE

Remedial activities for the release footprint in the pasture occurred in June 2025. Chevron and subcontractor personnel were onsite to remediate the release extent in the pasture including excavation, disposal, and confirmation sampling. The extent of impacted soils was confirmed with analytical data from the January and February sampling events and excavated to a depth of 2 feet below surrounding grade. Photographs from the excavated areas are provided in Appendix D.

Prior to confirmation sampling, in accordance with Subsection D of 19.15.29.12 NMAC, the NMOCD was notified via the OCD portal on June 11, 2025, and June 18, 2025. Documentation of associated regulatory correspondence is included in Appendix B. From June 20 to 25, 2025, Ensolum personnel were on Site conducting confirmation sampling. Confirmation floor and sidewall samples were collected for laboratory analysis to verify that the impacted materials were properly removed.

All of the excavated material was transported offsite for proper disposal. Approximately eight hundred and four (804) cubic yards of material were transported to the R360 Halfway in Hobbs, New Mexico.

Per the NMOCD approved variance, confirmation samples were collected such that each sample (sidewall and floor) was representative of no more than 400 square feet of excavated area. A total of twenty-four (24) confirmation floor samples and twenty-four (24) confirmation sidewall samples were collected during the remedial activities. Confirmation sidewall sample locations were labeled with "SW"#, confirmation floor sample locations were labeled with "FS"#.

Confirmation soil sampling analytical results associated with FS05, FS13, FS20, FS21, FS25, FS26, and SW01 locations exceeded the Site reclamation standards for chloride (600 mg/kg) and TPH (100 mg/kg) at 2 feet bgs. All other analytical results for the confirmation soil samples (floor and sidewalls) were below the respective RRALs for chloride, BTEX, and TPH. The results of the June 2025 confirmation sampling events are summarized in Table 2. The remediation extend has not been backfilled as of the date of this report. Laboratory analytical data is included in Appendix F. Excavated areas, depths and confirmation sample locations are shown in Figure 4.

On July 10, 2025, an additional 60-day extension was requested by Chevron via email to the NMOCD. The email stated the extension was to complete additional remedial activities and associated reporting for the Livestock Federal 2-9 Pad (nAPP2436466571) and excavation of the off-pad release has been completed. The extension request was denied on July 10, 2025. Regulatory correspondence is included in Appendix E.

REMEDIATION WORK PLAN –PAD & PASTURE

Chevron AR proposes completing remediation activities in the on-pad remediation extent as shown in Figure 5. In addition, Chevron proposes to conduct additional remedial activities in the pasture areas previously excavated in which confirmation samples exceeded reclamation standards as shown in Figure 6.

PAD

Based on the analytical results, Chevron proposes to remove the impacted material on the pad as shown in Figure 5. The area of BH01 will be excavated to an approximate depth of 4 feet below the surrounding surface or until a representative sample from the walls and bottom of the excavation is below site RRALs. The area of BH05 will be excavated to 2 feet below the surrounding surface or until a representative sample from the walls and bottom of the excavation is below the Site RRALs. Areas in close proximity to pressurized lines or other production equipment will be hand-dug to the maximum extent practicable. Exclusion zones will be established near any pressurized lines and electrical lines.

Excavated soils will be transported offsite and disposed of at an NMOCD-approved or permitted facility. The responsible party will notify the OCD two (2) business days prior to conducting final confirmation sampling pursuant to 19.15.29.12.D(1)(a) NMAC, using a Notification of Sampling (C-141N) application. The proposed excavation encompasses an area of approximately 11,640 square feet. Confirmation bottom and sidewall samples representative of no more than 400 square feet will be collected for verification of remedial activities. Seventeen (17) floor samples and twelve (12) sidewall samples are proposed to be analyzed for TPH, BTEX, and chlorides. Once results are received, the excavation will then be backfilled with clean material to surface grade. The estimated volume of material to be remediated is approximately 1,054 cubic yards.

PASTURE

Based on the confirmation analytical results, Chevron proposes to remove the remaining impacted material from the pasture as shown in Figure 6. The area of SW01 will be expanded approximately 1-foot to the east until a representative sample from the walls are below site RRALs. The areas of FS-05, FS-13, FS-20, FS-21, FS-25, FS-26 will be deepened an additional 1-foot below the surrounding surface or until a representative sample from the bottom of the excavation is below the Site RRALs. If rock refusal is encountered, hydro-excavation methods will be used to clean contaminated soil off rock. After the rock surface is clean, if staining is still observed, microbial strains will be applied to the rock surface to digest remaining organics and hydrocarbons, if present.

Excavated soils will be transported offsite and disposed of at an NMOCD-approved or permitted facility. The responsible party will notify the OCD two (2) business days prior to conducting final confirmation sampling pursuant to 19.15.29.12.D(1)(a) NMAC, using a Notification of Sampling (C-141N) application. The proposed excavation encompasses an area of approximately 1,359 square feet. Confirmation bottom and sidewall samples representative of no more than 400 square feet will be collected for verification of remedial activities. Seven (7) floor samples and one (1) sidewall samples are proposed to be analyzed for TPH, BTEX, and chlorides. Once results are received, the excavation will then be backfilled with clean material to surface grade. The estimated volume of material to be remediated is approximately 51 cubic yards.

SITE RECLAMATION

Based on 19.15.29.13 NMAC, all areas disturbed by the remediation and closure will be reclaimed once confirmation sampling results below the reclamation requirements (or RRALs for areas below 4 feet bgs) are received. Once acceptable confirmation sample results are received, the excavation will be backfilled with clean material to pre-release grade. In accordance with 19.15.29.12 NMAC, the reclaimed area will contain a minimum of 4 feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0 or Method 4500. The soil cover will include a top layer consisting of 1 foot of suitable material to establish vegetation at the Site.

The backfilled areas in the pasture will be seeded following backfilling to aid in revegetation. Based on the soils of the Site, areas will be seeded with the BLM seed mixture 2 for LPC Sandy Sites to aid in revegetation will be used for seeding and will be planted in the amount specified in the pounds pure live seed (PLS) per acre. The seed mixture will be spread by a drill equipped with a depth regulator or a hand-held broadcaster and raked. If a hand-held broadcaster is used for dispersal, the pounds pure live seed per acre will be doubled.

CONCLUSION

Based on the results of the 2025 release assessment, Site characterization, and completed remedial activities to date, Chevron AR will remediate soils within the release extent impacted with TPH and Chloride above Site RRALs. The proposed remediation activities will be conducted within 90 days of acceptance of the proposed plan. If you have any questions concerning the additional assessment activities for the Site or the proposed remediation work plan, please call me at (512) 596-8201.

Sincerely,
Tetra Tech, Inc.



Lisbeth Chavira
Project Manager



Samantha K. Abbott, P.G.
Senior Project Manager

cc:
Mr. Chris Brand, Chevron AR

LIST OF ATTACHMENTS

Figures:

- Figure 1 – Overview Map
- Figure 2 – Topographic Map
- Figure 3 – Approximate Release Extent and Initial Site Assessment (Ensolum)
- Figure 4 – Completed Remediation and Confirmation Sampling Pasture Area (Ensolum)
- Figure 5 – Approximate Release Extent and Proposed Excavation Extent On-Pad (Tetra Tech)
- Figure 6 – Proposed Additional Excavation in Pasture (Tetra Tech)

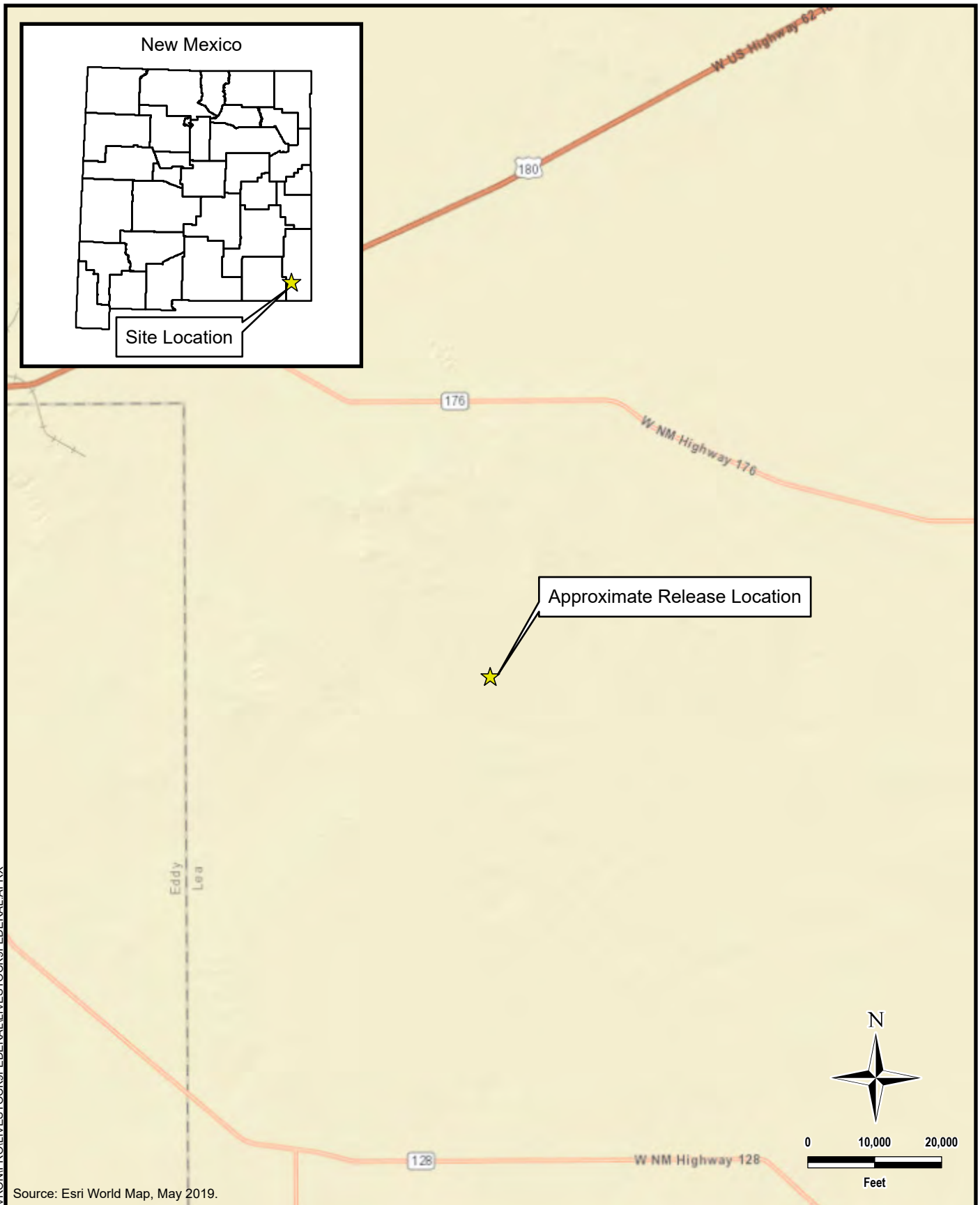
Tables:

- Table 1 – Summary of Analytical Results –2025 Soil Assessment
- Table 2 – Summary of Analytical Results – 2025 Soil Remediation (Pasture)

Appendices:

- Appendix A – C-141 Forms
- Appendix B – Site Characterization Data
- Appendix C – Photographic Documentation
- Appendix D – Laboratory Analytical Data
- Appendix E – Regulatory Correspondence

FIGURES



Source: Esri World Map, May 2019.

DOCUMENT PATH: D:\CHEVRON\PRO\LIVESTOCK9\FEDERAL\LIVESTOCK9\FEDERAL.APRX



www.tetratech.com

901 West Wall Street, Suite 100
 Midland, Texas 79701
 Phone: (432) 682-4559
 Fax: (432) 682-3946

CHEVRON AR

INCIDENT ID: NAPP2436466571
 (32.40937°, -103.57472°)
 LEA COUNTY, NEW MEXICO

**LIVESTOCK 9 FEDERAL #2
 SITE LOCATION MAP**

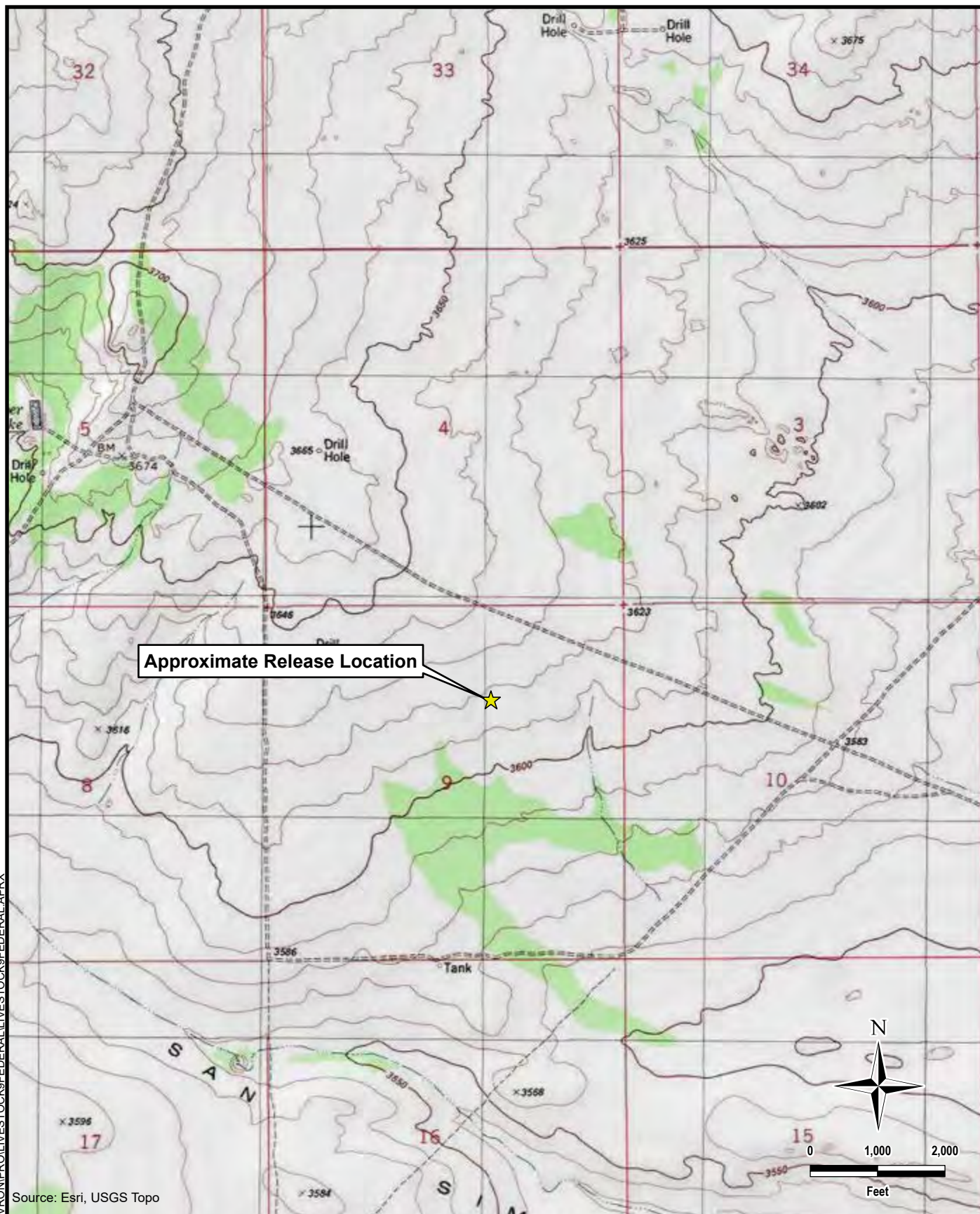
PROJECT NO.: 212C-MD-03994

DATE: JANUARY 28, 2026

DESIGNED BY: AAM

Figure No.

1



Approximate Release Location

Source: Esri, USGS Topo

DOCUMENT PATH: D:\CHEVRON\PROJ\LIVESTOCK9\FEDERAL\APRX



www.tetrattech.com

901 West Wall Street, Suite 100
 Midland, Texas 79701
 Phone: (432) 682-4559
 Fax: (432) 682-3946

CHEVRON AR

INCIDENT ID: NAPP2436466571
 (32.40937°, -103.57472°)
 LEA COUNTY, NEW MEXICO

**LIVESTOCK 9 FEDERAL #2
 TOPOGRAPHIC MAP**

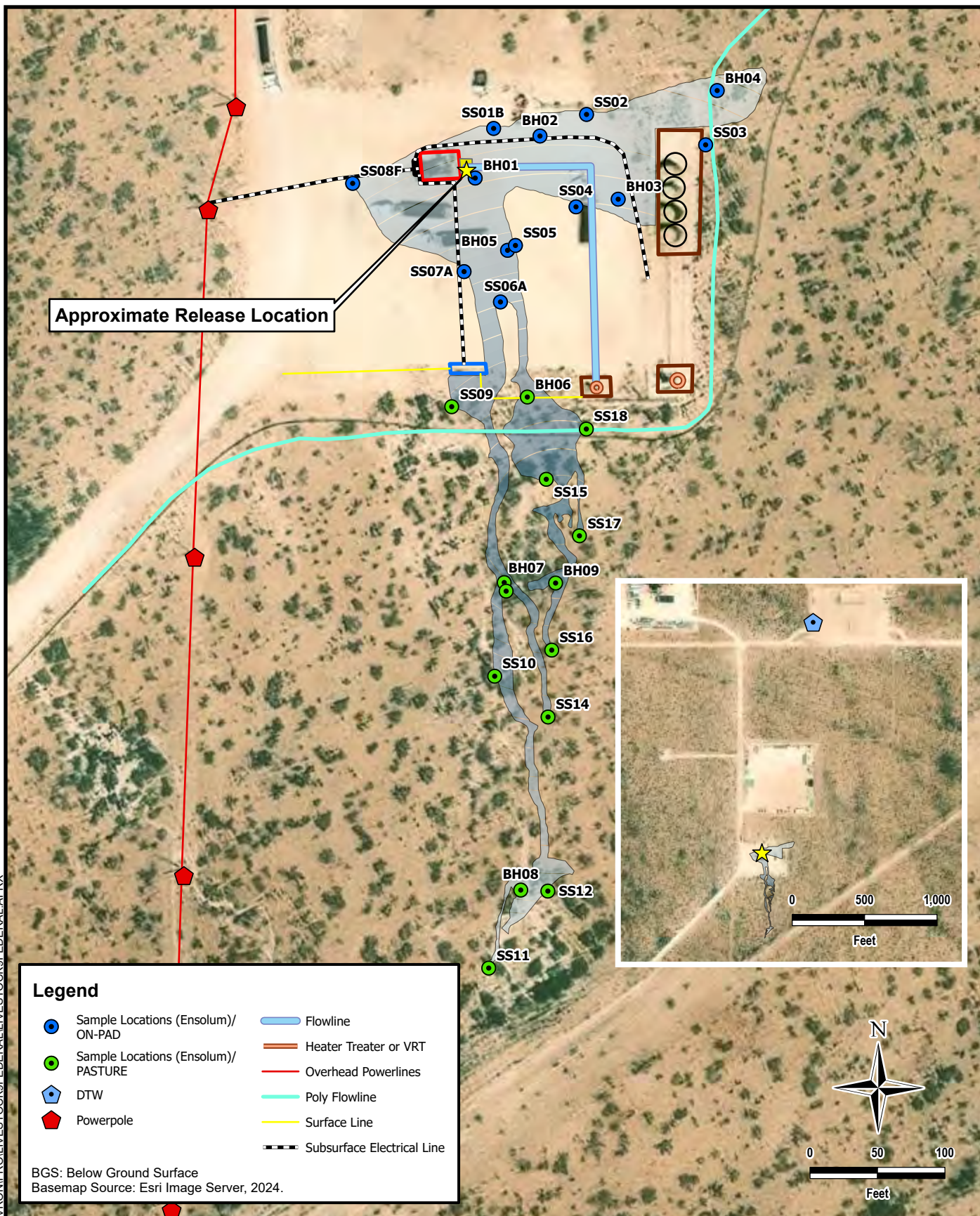
PROJECT NO.: 212C-MD-03994

DATE: JANUARY 28, 2026

DESIGNED BY: AAM

Figure No.

2



Approximate Release Location

Legend

- Sample Locations (Ensolum)/ ON-PAD
- Sample Locations (Ensolum)/ PASTURE
- ⬠ DTW
- ⬠ Powerpole
- Flowline
- Heater Treater or VRT
- Overhead Powerlines
- Poly Flowline
- Surface Line
- - - Subsurface Electrical Line

BGS: Below Ground Surface
 Basemap Source: Esri Image Server, 2024.

DOCUMENT PATH: D:\CHEVRON\PROJ\LIVESTOCK9\FEDERAL\APRX



www.tetratech.com
 901 West Wall Street, Suite 100
 Midland, Texas 79701
 Phone: (432) 682-4559
 Fax: (432) 682-3946

CHEVRON AR

INCIDENT ID: NAPP2436466571
 (32.40937°, -103.57472°)
 LEA COUNTY, NEW MEXICO
LIVESTOCK 9 FEDERAL #2
APPROXIMATE RELEASE EXTENT AND
INITIAL SITE ASSESSMENT (ENSOLUM)

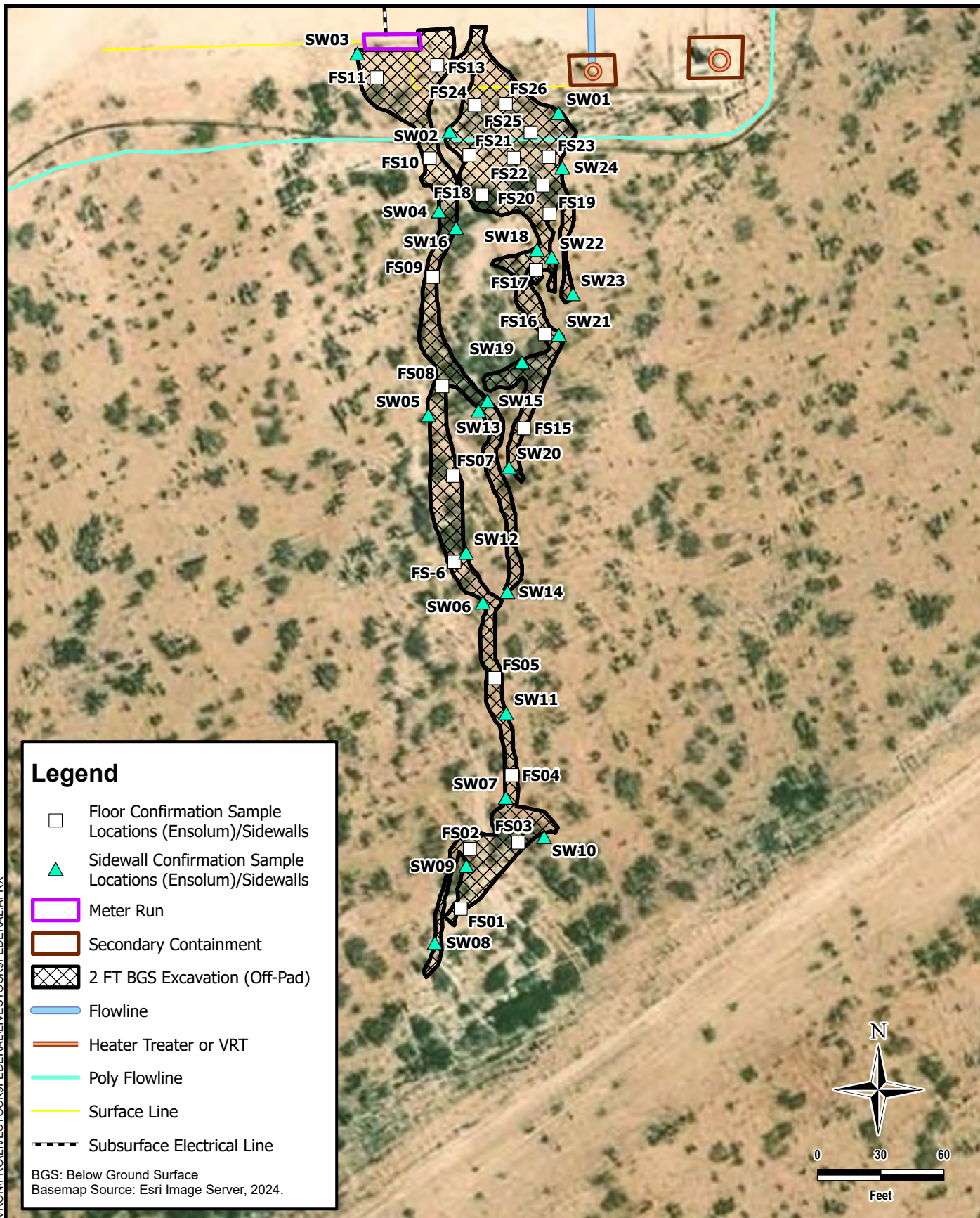
PROJECT NO.: 212C-MD-03994

DATE: JANUARY 28, 2026

DESIGNED BY: AAM

Figure No.

3



Legend

- Floor Confirmation Sample Locations (Ensolum)/Sidewalls
- ▲ Sidewall Confirmation Sample Locations (Ensolum)/Sidewalls
- ▭ Meter Run
- ▭ Secondary Containment
- ▨ 2 FT BGS Excavation (Off-Pad)
- Flowline
- Heater Treater or VRT
- Poly Flowline
- Surface Line
- - - Subsurface Electrical Line

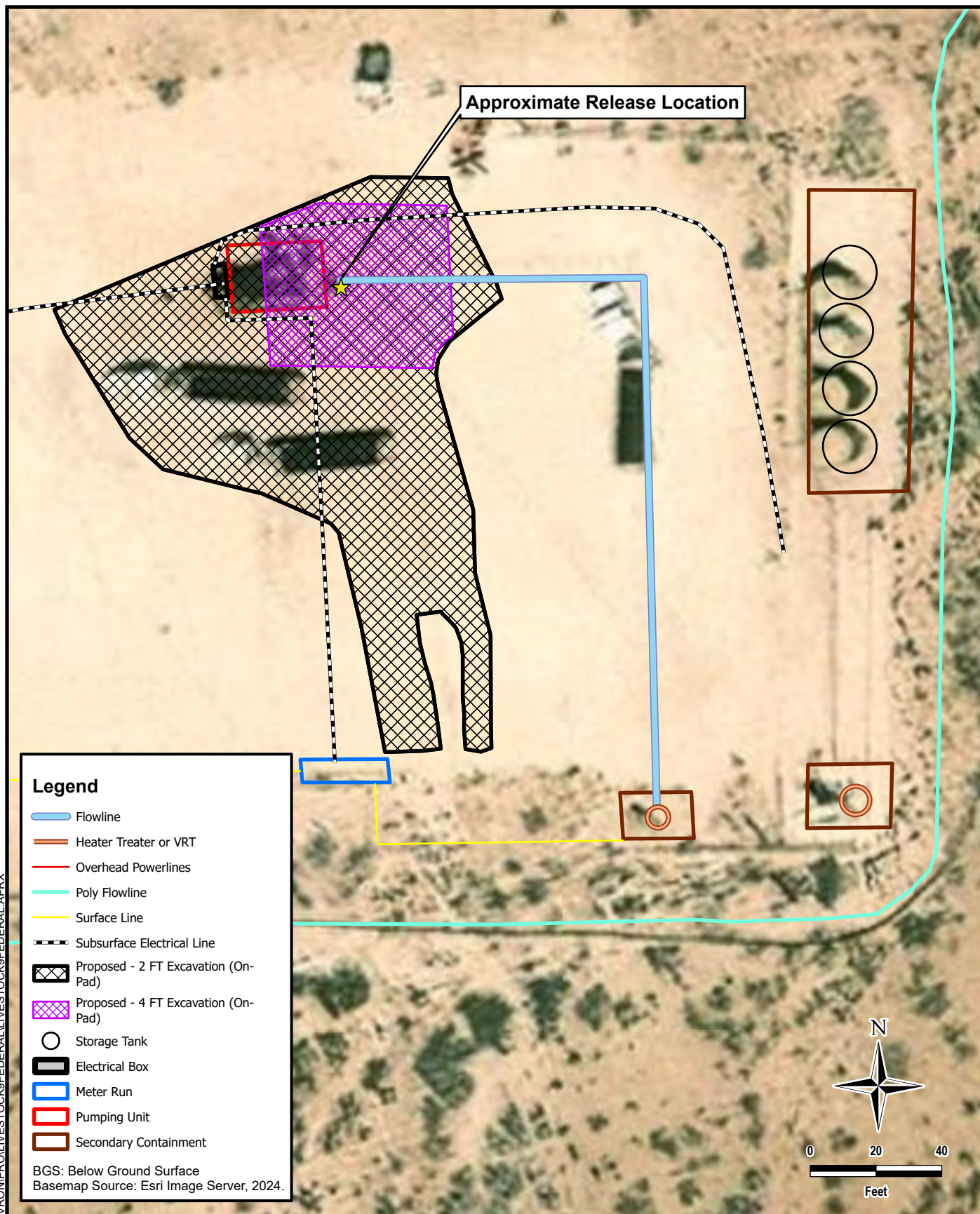
BGS: Below Ground Surface
 Basemap Source: Esri Image Server, 2024.

DOCUMENT PATH: D:\CHEVRON\PRO\LIVESTOCK9\FEDERAL\LIVESTOCK9\FEDERAL\APRX

Tt TETRA TECH
 www.tetratech.com
 901 West Wall Street, Suite 100
 Midland, Texas 79701
 Phone: (432) 682-4559
 Fax: (432) 682-3946

CHEVRON AR
 INCIDENT ID: NAPP2436466571
 (32.40937°, -103.57472°)
 LEA COUNTY, NEW MEXICO
LIVESTOCK 9 FEDERAL #2
COMPLETED REMEDIATION AND CONFIRMATION
SAMPLING PASTURE AREA (ENSOLUM)

PROJECT NO.: 212C-MD-03994
 DATE: JANUARY 28, 2026
 DESIGNED BY: AAM
 Figure No.
4



Legend

- Flowline
- Heater Treater or VRT
- Overhead Powerlines
- Poly Flowline
- Surface Line
- Subsurface Electrical Line
- Proposed - 2 FT Excavation (On-Pad)
- Proposed - 4 FT Excavation (On-Pad)
- Storage Tank
- Electrical Box
- Meter Run
- Pumping Unit
- Secondary Containment

BGS: Below Ground Surface
 Basemap Source: Esri Image Server, 2024.

DOCUMENT PATH: D:\CHEVRON\PROJ\LIVESTOCK9\FEDERAL\APRX

Tt TETRA TECH
 www.tetratech.com
 901 West Wall Street, Suite 100
 Midland, Texas 79701
 Phone: (432) 682-4559
 Fax: (432) 682-3946

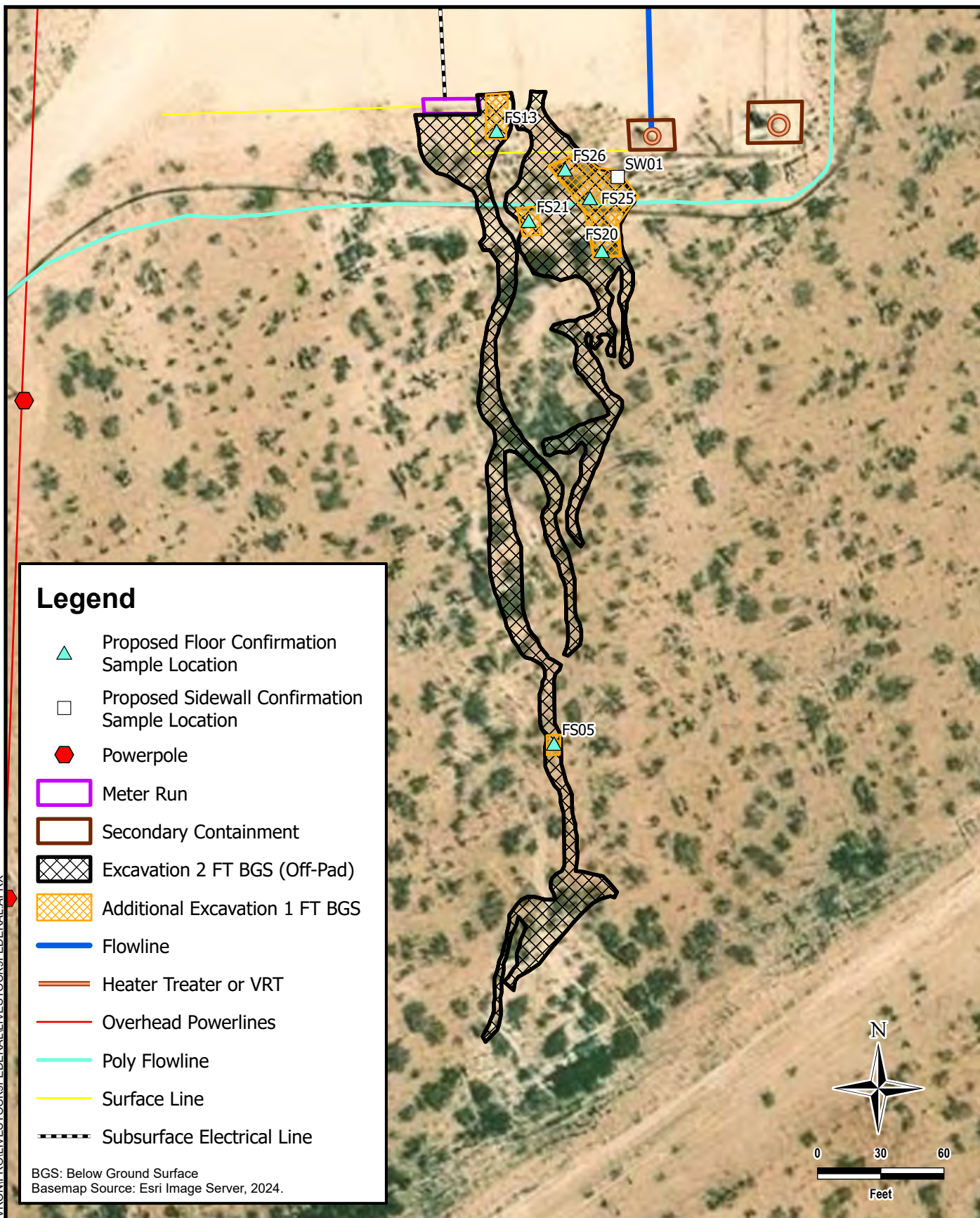
CHEVRON AR

INCIDENT ID: NAPP2436466571
 (32.40937°, -103.57472°)
 LEA COUNTY, NEW MEXICO

LIVESTOCK 9 FEDERAL #2
APPROXIMATE RELEASE EXTENT AND PROPOSED EXCAVATION
EXTENT ON-PAD (TETRA TECH)

PROJECT NO.: 212C-MD-03994
 DATE: JANUARY 28, 2026
 DESIGNED BY: AAM

Figure No.
5



DOCUMENT PATH: D:\CHEVRON\PROJ\LIVESTOCK9\FEDERAL\LIVESTOCK9\FEDERAL\APRX



www.tetratech.com
 901 West Wall Street, Suite 100
 Midland, Texas 79701
 Phone: (432) 682-4559
 Fax: (432) 682-3946

CHEVRON AR

INCIDENT ID: NAPP2436466571
 (32.40937°, -103.57472°)
 LEA COUNTY, NEW MEXICO

**LIVESTOCK 9 FEDERAL #2
 PROPOSED ADDITIONAL EXCAVATION IN PASTURE (TETRA TECH)**

PROJECT NO.: 212C-MD-03994

DATE: JANUARY 28, 2026

DESIGNED BY: AAM

Figure No.

6

TABLES

TABLE 1
 2025 SUMMARY OF ANALYTICAL RESULTS
 SOIL ASSESSMENT- nAPP2436466571
 CHEVRON EMC
 LIVESTOCK PAD 2-9 RELEASE
 LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth ft. bgs	Chloride mg/kg Q		BTEX ²										TPH ³						
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO C ₆ - C ₁₀		DRO > C ₁₀ - C ₂₈		EXT DRO > C ₂₈ - C ₃₆		Total TPH (GRO+DRO+EXT DRO)
					mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg
Reclamation Closure Criteria for Soils 0-4 ft bgs:			600 mg/kg		10 mg/kg		--		--		50 mg/kg		--		--		--		100 mg/kg		
Closure Criteria for Soils >4 ft bgs (GW >100 ft):			20,000 mg/kg		10 mg/kg		--		--		50 mg/kg		--		--		--		2,500 mg/kg		
HORIZONTAL DELINEATION																					
SS01	1/24/2025	0'	358		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
SS02	1/24/2025	0'	149		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
SS03	1/24/2025	0'	<20.0		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
SS04	1/24/2025	0'	25.9		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
SS05	1/24/2025	0'	109		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
SS06	1/24/2025	0'	69.2		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
SS07	1/24/2025	0'	64.7		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
SS08	1/24/2025	0'	503		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
SS09	1/24/2025	0'	<20.0		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
SS10	1/24/2025	0'	<20.0		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
SS11	1/23/2025	0'	<20.0		<0.0250		0.0526		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
SS12	1/24/2025	0'	<20.0		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
SS13	1/23/2025	0'	<20.0		<0.0250		0.0297		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
SS14	1/23/2025	0'	<20.0		<0.0250		0.0300		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
SS15	1/24/2025	0'	<20.0		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
SS16	1/23/2025	0'	<20.0		<0.0250		0.0328		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
SS17	1/23/2025	0'	<20.0		<0.0250		0.0266		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
SS18	1/24/2025	0'	<20.0		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
VERTICAL DELINEATION																					
BH01	1/24/2025	0'	17900		29.8		121		36.1		109		-		1750		14000		5160		20910
		1'	799		0.0404		0.0507		<0.0250		<0.0250		-		<20.0		99.1		<50.0		99.1
		2.5'	956		0.0464		0.0446		<0.0250		<0.0250		-		<20.0		55.0		<50.0		55.0
	2/17/2025	4'	1,120		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
		6'	830		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
		8'	937		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
		12'	666		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
		14'	894		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
15'	1,830		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-		
BH02	1/24/2025	0'	540		0.0399		0.0361		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
BH03	1/24/2025	0'	474		0.0411		0.0403		<0.0250		<0.0250		-		<20.0		57.6		<50.0		57.6
		1'	216		0.0309		0.0255		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
BH04	1/24/2025	0'	<20.0		0.0839		0.0857		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
BH05	1/24/2025	0'	1150		0.0745		0.105		<0.0250		<0.0250		-		<20.0		410		205		615
		1'	340		0.0275		0.0307		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
BH06	1/23/2025	0'	1450		0.772		12.3		9.46		33.8		-		358		8610		2980		11948
		1'	43.0		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		180		103		283
	2/17/2025	2'	566.0		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-

TABLE 1
 2025 SUMMARY OF ANALYTICAL RESULTS
 SOIL ASSESSMENT- nAPP2436466571
 CHEVRON EMC
 LIVESTOCK PAD 2-9 RELEASE
 LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride		BTEX ²								TPH ¹								
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH (GRO+DRO+EXT DRO)
					mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	
BH07	1/23/2025	0'	392		1.70		29.1		14.8		51.3		-		784		23000		9240		33024
		1'	<20.0		<0.0250		0.0548		0.0393		0.173		-		<20.0		172		76.5		248.5
	2/17/2025	2'	30.9		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
BH08	1/23/2025	0'	8520		0.0331		0.651		1.48		6.46		-		105		4060		1560		5725
		1'	4470		<0.0250		0.0424		0.107		0.171		-		<20.0		<25.0		<50.0		-
	2/17/2025	2'	<20.0		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
BH09	1/23/2025	0'	4460		0.357		33.3		26.0		89.1		-		941		12100		3920		16961
		0.75'	921		<0.0250		0.0677		0.168		0.913		-		20.0		425		150		595
	2/17/2025	2'	29.6		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-

NOTES:

- ft. Feet
- bgs Below ground surface
- mg/kg Milligrams per kilogram
- TPH Total Petroleum Hydrocarbons
- GRO Gasoline range organics
- DRO Diesel range organics
- 1 Method SM4500CI-B
- 2 Method 8021B
- 3 Method 8015M

Bold and italicized values indicate exceedance of the applicable RRALs and/or Reclamation Requirements.

Shaded rows indicate intervals proposed for excavation.

Shaded rows indicate intervals that have been excavated.

QUALIFIERS:

TABLE 2
 2025 SUMMARY OF ANALYTICAL RESULTS
 SOIL REMEDIATION - nAPP2436466571
 CHEVRON EMC
 LIVESTOCK PAD 2-9 RELEASE
 LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth ft. bgs	Chloride mg/kg Q		BTEX ²										TPH ³						
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO C ₆ - C ₁₀		DRO > C ₁₀ - C ₂₈		EXT DRO > C ₂₈ - C ₃₆		Total TPH (GRO+DRO+EXT DRO) mg/kg
					mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	
Reclamation Closure Criteria for Soils 0-4 ft bgs:			600 mg/kg		10 mg/kg		--		--		--		50 mg/kg		--		--		100 mg/kg		
Closure Criteria for Soils >4 ft bgs (GW >100 ft):			20,000 mg/kg		10 mg/kg		--		--		--		50 mg/kg		--		--		2,500 mg/kg		
FS01	6/23/2025	2'	85.2		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		<25.0		<50.0		-
FS02	6/23/2025	2'	25.6		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		<25.0		<50.0		-
FS03	6/23/2025	2'	103		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		<25.0		<50.0		-
FS04	6/23/2025	2'	48.6		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		<25.0		<50.0		-
FS05	6/23/2025	2'	83.5		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0	98.0		55.1			153.1
FS06	6/24/2025	2'	79.6		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		<25.0		<50.0		-
FS07	6/24/2025	2'	169		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		<25.0		<50.0		-
FS08	6/24/2025	2'	91.4		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		<25.0		<50.0		-
FS09	6/25/2025	2'	20.5		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		<25.0		<50.0		-
FS10	6/25/2025	2'	160		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		<25.0		<50.0		-
FS11	6/20/2025	2'	42.4		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		25.6		<50.0		25.6
FS13	6/20/2025	2'	65.1		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		43.6		62.8		106.4
FS15	6/24/2025	2'	68.9		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		<25.0		<50.0		-
FS16	6/25/2025	2'	20.0		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		<25.0		<50.0		-
FS17	6/25/2025	2'	46.4		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		<25.0		<50.0		-
FS18	6/20/2025	2'	113		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		37		<50.0		37
FS19	6/20/2025	2'	43.2		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		<25.0		<50.0		-
FS20	6/20/2025	2'	134		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		197		152		349
FS21	6/20/2025	2'	91.5		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		80.7		78.5		159.2
FS22	6/20/2025	2'	96.4		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		<25.0		<50.0		-
FS23	6/20/2025	2'	211		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		93.5		66.3		159.8
FS24	6/20/2025	2'	60.4		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		36.9		<50.0		36.9
FS25	6/20/2025	2'	274		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		250		159		409
FS26	6/20/2025	2'	82.1		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		91.6		84.1		175.7
SW01	6/20/2025	0-2'	226		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		75.9		58.9		134.8
SW02	6/20/2025	0-2'	<20.0		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		<25.0		<50.0		-
SW03	6/23/2025	0-2'	<20.0		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		<25.0		<50.0		-
SW04	6/25/2025	0-2'	23.5		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		<25.0		<50.0		-
SW05	6/24/2025	0-2'	43.8		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		<25.0		<50.0		-
SW06	6/25/2025	0-2'	40.0		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		<25.0		<50.0		-
SW07	6/23/2025	0-2'	<20.0		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		<25.0		<50.0		-
SW08	6/23/2025	0-2'	<20.0		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		<25.0		<50.0		-
SW09	6/23/2025	0-2'	151		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		<25.0		<50.0		-
SW10	6/23/2025	0-2'	65.8		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		<25.0		<50.0		-
SW11	6/24/2025	0-2'	<20.0		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		<25.0		<50.0		-
SW12	6/24/2025	0-2'	<20.0		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		<25.0		<50.0		-
SW13	6/24/2025	0-2'	118		<0.0250		<0.0250		<0.0250		<0.0250		<0.0250		<20.0		<25.0		<50.0		-

TABLE 2
 2025 SUMMARY OF ANALYTICAL RESULTS
 SOIL REMEDIATION - nAPP2436466571
 CHEVRON EMC
 LIVESTOCK PAD 2-9 RELEASE
 LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride		BTEX ²										TPH ¹						
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH (GRO+DRO+EXT DRO)
					mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	
SW14	6/24/2025	0-2'	34.0		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
SW15	6/24/2025	0-2'	136		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
SW16	6/25/2025	0-2'	<20.0		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
SW17	6/23/2025	0-2'	<20.0		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
SW18	6/25/2025	0-2'	<20.0		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
SW19	6/24/2025	0-2'	<20.0		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
SW20	6/24/2025	0-2'	256		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
SW21	6/25/2025	0-2'	41.3		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
SW22	6/25/2025	0-2'	40.5		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
SW23	6/25/2025	0-2'	159		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-
SW24	6/23/2025	0-2'	31.6		<0.0250		<0.0250		<0.0250		<0.0250		-		<20.0		<25.0		<50.0		-

NOTES:

- ft. Below ground surface
- bgs Below ground surface
- mg/kg Milligrams per kilogram
- TPH Total Petroleum Hydrocarbons
- GRO Gasoline range organics
- DRO Diesel range organics
- 1 Method SM4500CI-B
- 2 Method 8021B
- 3 Method 8015M

Bold and italicized values indicate exceedance of Site RRALs.

Shaded rows indicate locations proposed for additional excavation.

* These iterative samples are located to encompass the original sample location that triggered removal, with further excavation in each area indicated in ().
 FS-12 and FS-14 were not collected.

APPENDIX A C-141 Forms

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 415626

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 415626
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Livestock Federal 2-9 Pad
Date Release Discovered	12/29/2024
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
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	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Downhole Well Maintenance Well Crude Oil Released: 2 BBL Recovered: 0 BBL Lost: 2 BBL.
Produced Water Released (bbls) Details	Cause: Downhole Well Maintenance Well Produced Water Released: 60 BBL Recovered: 0 BBL Lost: 60 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
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.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 415626

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 415626
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	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	<i>Not answered.</i>

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

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

General Information
Phone: (505) 629-6116

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

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

ACKNOWLEDGMENTS

Action 415626

ACKNOWLEDGMENTS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 415626
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment.
<input checked="" type="checkbox"/>	I acknowledge the fact that the acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment.
<input checked="" type="checkbox"/>	I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 415626

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 415626
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
klincoln	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	12/29/2024

Area	Shape	Length (ft)	Width (ft)	Standing Depth (ft)	Soil Penetration (ft)	Standing Volume	In-Soil Volume	Total Volume
1	Rectangle	1.0	400.0	0.0104	0.0104	0.74	0.11	0.85
2	Rectangle	1.0	400.0	0.0105	0.0104	0.75	0.11	0.86
3	Rectangle	10.0	10.0	0.0417	0.0417	0.74	0.11	0.85
4	Rectangle	100.0	1.0	0.0000	0.1250	0.00	0.33	0.33
5	Rectangle	100.0	3.0	0.0000	0.0833	0.00	0.67	0.67
6	Circle	17.0		0.1667	0.1667	6.74	1.01	7.75
7	Circle	25.0		0.1667	0.1667	14.57	2.19	16.76
8	Rectangle	100.0	200.0	0.0000	0.0104	0.00	5.57	5.57
9	Circle	400.0	500.0	0.0000	0.0052	0.00	17.46	17.46
10	Rectangle	50.0	10.0		0.1667	0.00	2.23	2.23
Total Volume (bbl)							86.68	

Click on the shape box and select shape

Conversion Table	
Inches	Feet
1 inch	0.0833
2 inches	0.1667
3 inches	0.2500
4 inches	0.3333
5 inches	0.4167
6 inches	0.5000
7 inches	0.5833
8 inches	0.6667
9 inches	0.7500
10 inches	0.8333
11 inches	0.9167
1/256 inch	0.0003
1/128 inch	0.0007
1/64 inch	0.0013
1/32 inch	0.0026
1/16 inch	0.0052
1/8 inch	0.0104
1/4 inch	0.0208
3/8 inch	0.0313
1/2 inch	0.0417
5/8 inch	0.0521
3/4 inch	0.0625
7/8 inch	0.0729

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 417700

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 417700
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2436466571
Incident Name	NAPP2436466571 LIVESTOCK FEDERAL 2-9 PAD @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Livestock Federal 2-9 Pad
Date Release Discovered	12/29/2024
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
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	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Downhole Well Maintenance Well Crude Oil Released: 2 BBL Recovered: 0 BBL Lost: 2 BBL.
Produced Water Released (bbls) Details	Cause: Downhole Well Maintenance Well Produced Water Released: 84 BBL Recovered: 0 BBL Lost: 84 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Cause: Downhole Well Maintenance Well Natural Gas Vented Released: 25 Mcf Recovered: 0 Mcf Lost: 25 Mcf.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 417700

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 417700
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Bayley Ranes Title: Environmental Specialist Email: Bayleyranes@chevron.com Date: 01/07/2025
--	---

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 417700

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 417700
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Not answered.
What method was used to determine the depth to ground water	Not answered.
Did this release impact groundwater or surface water	Not answered.
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Not answered.
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Not answered.
An occupied permanent residence, school, hospital, institution, or church	Not answered.
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Not answered.
Any other fresh water well or spring	Not answered.
Incorporated municipal boundaries or a defined municipal fresh water well field	Not answered.
A wetland	Not answered.
A subsurface mine	Not answered.
An (non-karst) unstable area	Not answered.
Categorize the risk of this well / site being in a karst geology	Not answered.
A 100-year floodplain	Not answered.
Did the release impact areas not on an exploration, development, production, or storage site	Not answered.

Remediation Plan

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

Requesting a remediation plan approval with this submission	No
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 417700

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 417700
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	None	1/7/2025

APPENDIX B

Site Characterization Data



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1		WELL TAG ID NO. N/A		OSE FILE NO(S). CP-2058 POD1			
	WELL OWNER NAME(S) Chevron USA Inc				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 6301 Deauville Blvd				CITY Midland	STATE TX	ZIP 79706	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE	MINUTES 32	SECONDS 24	50.7 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84		
		LONGITUDE	103	34	26.47 W			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Unit O, Section 04, Township 22S, Range 33E								
2. DRILLING & CASING INFORMATION	LICENSE NO. WD 1188		NAME OF LICENSED DRILLER John Scarborough			NAME OF WELL DRILLING COMPANY John Scarborough Drilling		
	DRILLING STARTED 4/4/2025	DRILLING ENDED 4/4/2025	DEPTH OF COMPLETED WELL (FT) 105	BORE HOLE DEPTH (FT) 105	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) n?A			
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	105	5.00	Soil Boring	-	-	-	-
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
				N/A				

OSE DISTRICT ENGINEER
2 MAY 25 PM 3:14

FOR OSE INTERNAL USE				WR-20 WELL RECORD & LOG (Version 04/30/19)			
FILE NO.	CP-2058	POD NO.	1	TRN NO.	780827		
LOCATION	22S-33E-04	434	WELL TAG ID NO.	NA	PAGE 1 OF 2		



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
CP 02058 POD1		CP	LE	SE	SW	SE	04	22S	33E	634088.6	3587229.8	●	526	105		
CP 01899 POD1		CP	LE	SE	SE	SE	08	22S	33E	632811.3	3585622.5	●	1630			
CP 01881 POD1		CP	LE	NE	SE	NE	06	22S	33E	631319.3	3588157.2	●	3074			
CP 01356 POD1		CP	LE	SE	NE	NE	33	21S	33E	634560.0	3590014.3	●	3350	1098	555	543
CP 00854 POD1		CP	LE	NW	NW	NE	33	21S	33E	633879.4	3590223.3	●	3520	950	600	350
CP 01411 POD2		CP	LE		NW	NE	34	21S	33E	635534.5	3590380.4	●	3970	1125		

Average Depth to Water: **577 feet**

Minimum Depth: **555 feet**

Maximum Depth: **600 feet**

Record Count: 6

Basin/County Search:

County: LE

UTM Filters (in meters):

Easting: 634029.66

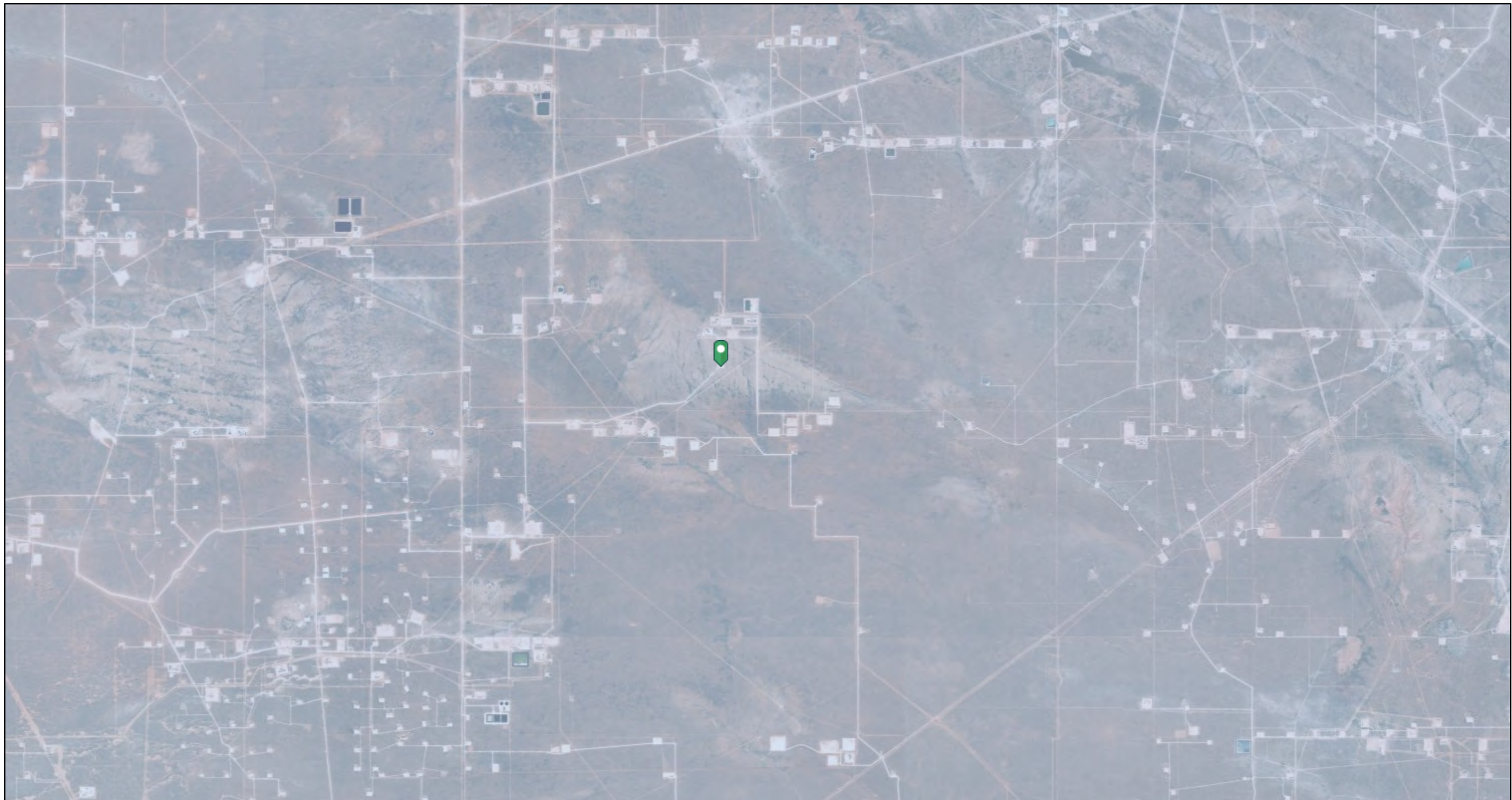
Northing: 3586706.33

Radius: 4000

* UTM location was derived from PLSS - see Help

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

OCD Karst Potential

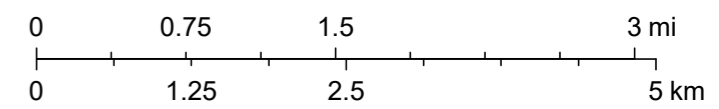


10/15/2025, 2:25:59 PM

Karst Occurrence Potential

 Low

1:72,224



BLM, OCD, New Mexico Tech, Earthstar Geographics

Active Mines in New Mexico

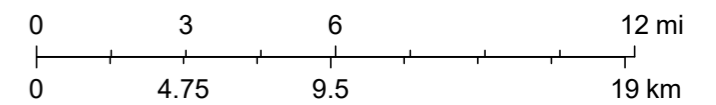


10/15/2025, 2:37:41 PM

1:288,895

Registered Mines

-
-
-



Earthstar Geographics

My Map

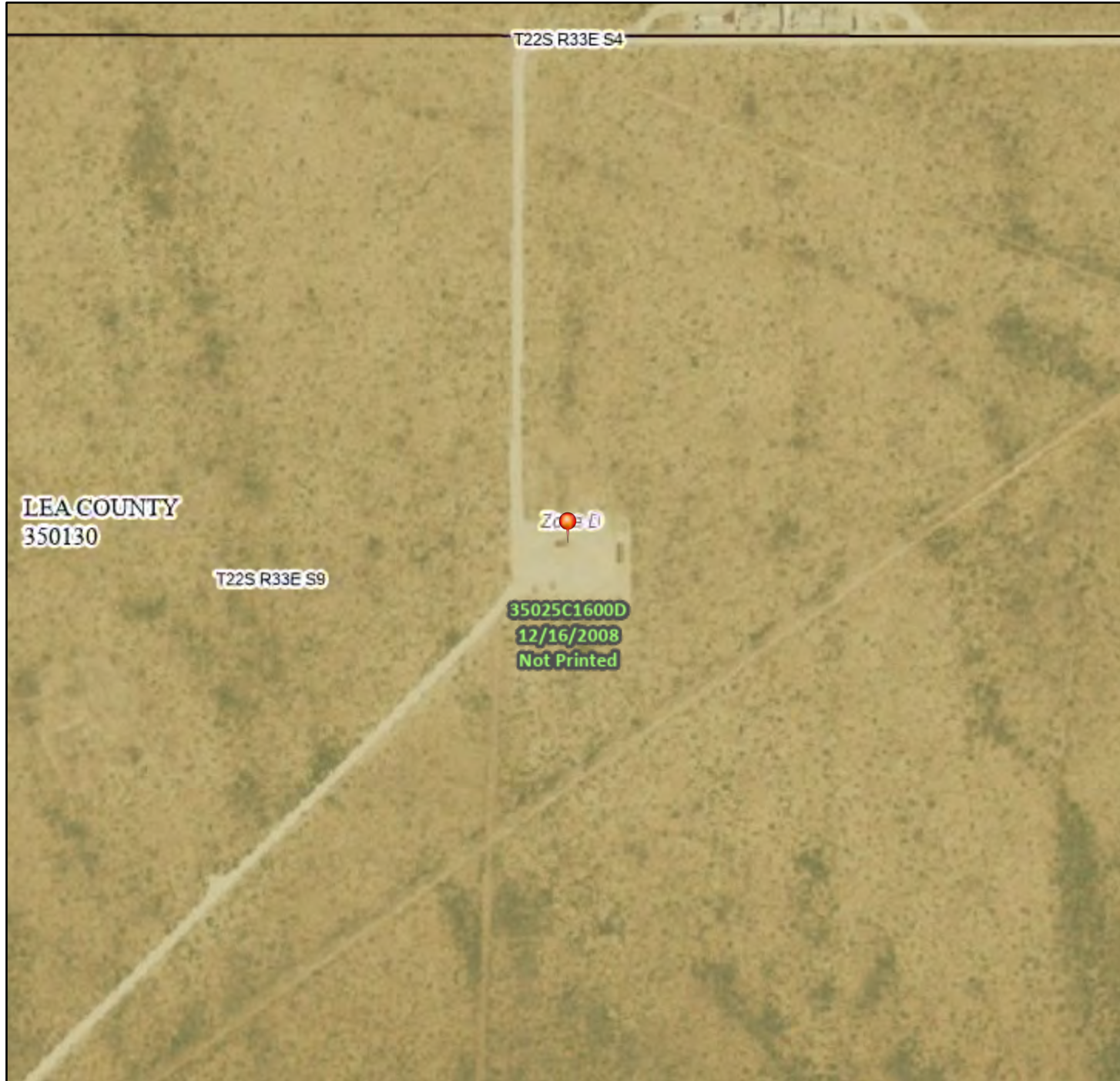


Bureau of Land Management - New Mexico State Office | Earthstar Geographics

National Flood Hazard Layer FIRMMette



103°34'49"W 32°24'50"N



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**
 - 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
 - Hydrographic Feature
 - 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.

Released to Imaging: 2/26/2026 4:03:49 PM

1:6,000

103°34'12"W 32°24'19"N

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 10/15/2025 at 7:36 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.

V061520003

GT31530000

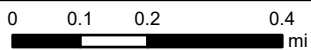
BL29160000 BL23950001
BL23940001 BL29150000
BL29170000

E019320001

SW04530000

BL28660000

NMSLO Land Status



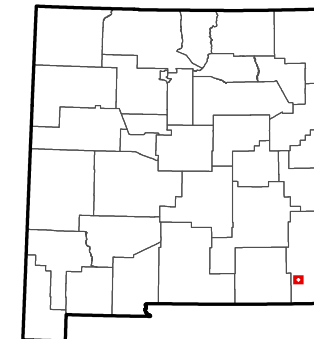
New Mexico State Land Office

Disclaimer:
The New Mexico State Land Office assumes no responsibility or liability for, or in connection with the accuracy, reliability or use of the information provided herein with respect to State Land Office data or data from other sources.

Data pertaining to New Mexico State Trust Lands are provisional and subject to revision, and do not constitute an official record of title. Official records may be reviewed at the New Mexico State Land Office in Santa Fe, New Mexico.

Released to Imaging: 2/26/2026 4:03:49 PM
Map Created: 10/15/2025

- Oil and Gas Leasing Restrictions
- Energy Leases
- Agricultural Leases
- Oil and Gas Leases
- Minerals Leases
- Commercial Leases
- New Mexico State Trust Lands
- Subsurface Estate
- Surface Estate
- Both Estates



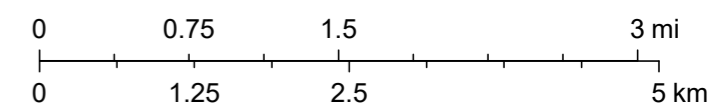
OCD Hydrology



10/15/2025, 2:31:26 PM

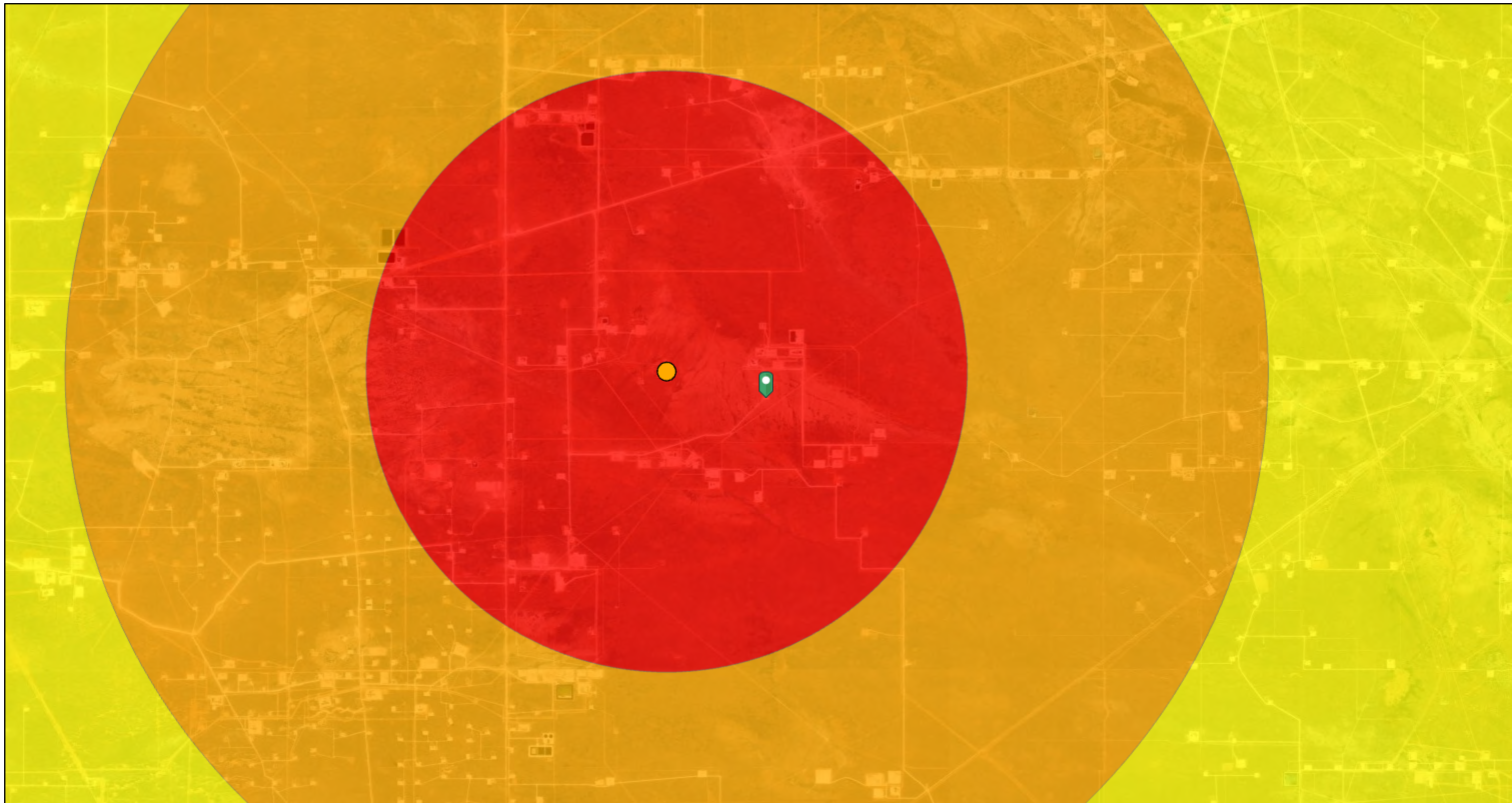
1:72,224

- OSW Water Bodys
- OSE Probable Playas
- OSE Streams



Earthstar Geographics, NM OSE

OCD Induced Seismicity

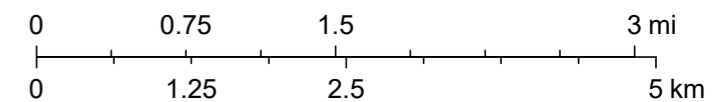


10/15/2025, 2:24:00 PM

1:72,224

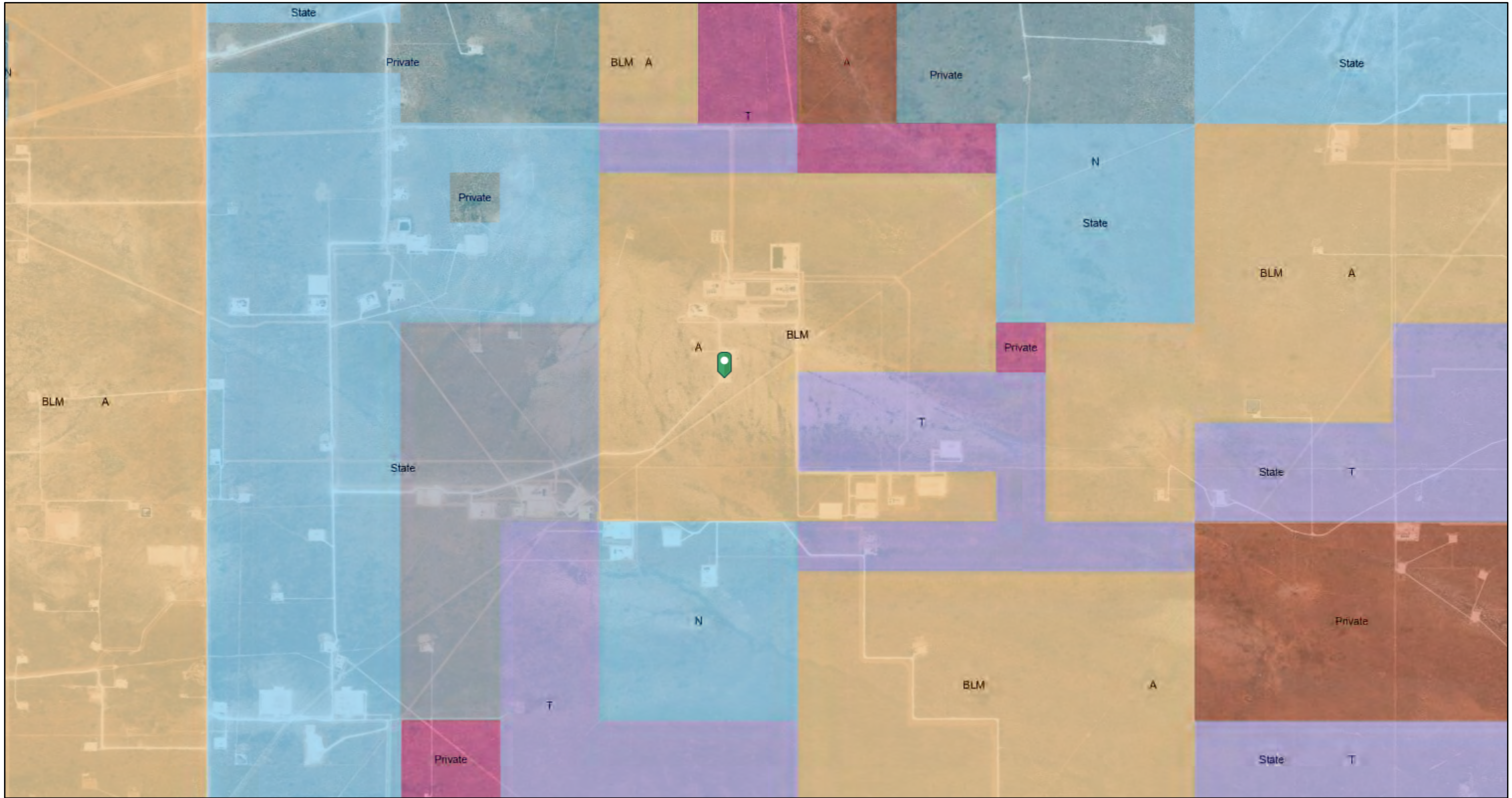
Seismic Response 3.0 to 3.4

6 mi. M2.5+ Earthquakes (2021+)
 10 mi.
 3 mi.
 3.0 - 3.4



Oil Conservation Division (OCD), Energy, Minerals and Natural Resources Department (EMNRD), Earthstar Geographics

OCD Mineral & Surface Ownership



10/15/2025, 2:28:36 PM

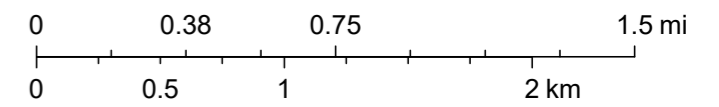
1:36,112

Mineral Ownership

- A-All minerals are owned by U.S.
- N-No minerals are owned by the U.S.
- T-Other minerals are owned by the U.S.

Land Ownership

- BLM
- P
- S



U.S. BLM, Maxar





U.S. Fish and Wildlife Service
National Wetlands Inventory




National Wetlands






January 12, 2026

Wetlands

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland

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

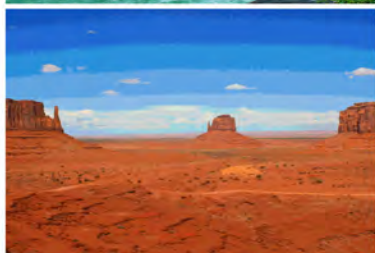
-  Lake
-  Other
-  Riverine

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.

APPENDIX C

Laboratory Analytical Data

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Chevron

Project Name: Livestock Federal 2-9 Pad

Work Order: E501185

Job Number: 23003-0002

Received: 1/27/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/29/25

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: 1/29/25

Ashley Giovengo
322 Road 3100
Aztec, NM 87410

Project Name: Livestock Federal 2-9 Pad
Workorder: E501185
Date Received: 1/27/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/27/2025 7:00:00AM, under the Project Name: Livestock Federal 2-9 Pad.

The analytical test results summarized in this report with the Project Name: Livestock Federal 2-9 Pad 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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SS11-0'	5
SS13-0'	6
SS14-0'	7
SS16-0'	8
SS17-0'	9
BH06-0'	10
BH06-1'	11
BH07-0'	12
BH07-1'	13
BH08-0'	14
BH08-1'	15
BH09-0'	16
BH09-0.75'	17
QC Summary Data	18
QC - Volatile Organics by EPA 8021B	18
QC - Nonhalogenated Organics by EPA 8015D - GRO	19
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	20
QC - Anions by EPA 300.0/9056A	21
Definitions and Notes	22
Chain of Custody etc.	23

Sample Summary

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 01/29/25 12:17
---	---	------------------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS11-0'	E501185-01A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.
SS13-0'	E501185-02A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.
SS14-0'	E501185-03A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.
SS16-0'	E501185-04A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.
SS17-0'	E501185-05A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.
BH06-0'	E501185-06A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.
BH06-1'	E501185-07A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.
BH07-0'	E501185-08A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.
BH07-1'	E501185-09A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.
BH08-0'	E501185-10A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.
BH08-1'	E501185-11A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.
BH09-0'	E501185-12A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.
BH09-0.75'	E501185-13A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 1/29/2025 12:17:48PM
---	---	--

SS11-0'

E501185-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2505004	
Benzene	ND	0.0250	1	01/27/25	01/27/25	
Ethylbenzene	ND	0.0250	1	01/27/25	01/27/25	
Toluene	0.0526	0.0250	1	01/27/25	01/27/25	
o-Xylene	ND	0.0250	1	01/27/25	01/27/25	
p,m-Xylene	ND	0.0500	1	01/27/25	01/27/25	
Total Xylenes	ND	0.0250	1	01/27/25	01/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.6 %	70-130	01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2505004	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/25	01/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.6 %	70-130	01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2505013	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/25	01/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/25	01/28/25	
<i>Surrogate: n-Nonane</i>		111 %	50-200	01/27/25	01/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2505026	
Chloride	ND	20.0	1	01/27/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 1/29/2025 12:17:48PM
---	---	--

SS13-0'

E501185-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505004
Benzene	ND	0.0250	1	01/27/25	01/27/25	
Ethylbenzene	ND	0.0250	1	01/27/25	01/27/25	
Toluene	0.0297	0.0250	1	01/27/25	01/27/25	
o-Xylene	ND	0.0250	1	01/27/25	01/27/25	
p,m-Xylene	ND	0.0500	1	01/27/25	01/27/25	
Total Xylenes	ND	0.0250	1	01/27/25	01/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		89.2 %	70-130	01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505004
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/25	01/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.4 %	70-130	01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505013
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/25	01/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/25	01/27/25	
<i>Surrogate: n-Nonane</i>		109 %	50-200	01/27/25	01/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505026
Chloride	ND	20.0	1	01/27/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 1/29/2025 12:17:48PM
---	---	--

SS14-0'

E501185-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505004
Benzene	ND	0.0250	1	01/27/25	01/27/25	
Ethylbenzene	ND	0.0250	1	01/27/25	01/27/25	
Toluene	0.0300	0.0250	1	01/27/25	01/27/25	
o-Xylene	ND	0.0250	1	01/27/25	01/27/25	
p,m-Xylene	ND	0.0500	1	01/27/25	01/27/25	
Total Xylenes	ND	0.0250	1	01/27/25	01/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		89.2 %	70-130	01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505004
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/25	01/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.1 %	70-130	01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505013
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/25	01/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/25	01/27/25	
<i>Surrogate: n-Nonane</i>		98.7 %	50-200	01/27/25	01/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505026
Chloride	ND	20.0	1	01/27/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 1/29/2025 12:17:48PM
---	---	--

SS16-0'

E501185-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505004
Benzene	ND	0.0250	1	01/27/25	01/27/25	
Ethylbenzene	ND	0.0250	1	01/27/25	01/27/25	
Toluene	0.0328	0.0250	1	01/27/25	01/27/25	
o-Xylene	ND	0.0250	1	01/27/25	01/27/25	
p,m-Xylene	ND	0.0500	1	01/27/25	01/27/25	
Total Xylenes	ND	0.0250	1	01/27/25	01/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.4 %	70-130	01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505004
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/25	01/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.8 %	70-130	01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505013
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/25	01/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/25	01/27/25	
<i>Surrogate: n-Nonane</i>		111 %	50-200	01/27/25	01/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505026
Chloride	ND	20.0	1	01/27/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 1/29/2025 12:17:48PM
---	---	--

SS17-0'

E501185-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505004
Benzene	ND	0.0250	1	01/27/25	01/27/25	
Ethylbenzene	ND	0.0250	1	01/27/25	01/27/25	
Toluene	0.0266	0.0250	1	01/27/25	01/27/25	
o-Xylene	ND	0.0250	1	01/27/25	01/27/25	
p,m-Xylene	ND	0.0500	1	01/27/25	01/27/25	
Total Xylenes	ND	0.0250	1	01/27/25	01/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.0 %	70-130	01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505004
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/25	01/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.9 %	70-130	01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505013
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/25	01/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/25	01/27/25	
<i>Surrogate: n-Nonane</i>		112 %	50-200	01/27/25	01/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505026
Chloride	ND	20.0	1	01/27/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 1/29/2025 12:17:48PM
---	---	--

BH06-0'
E501185-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505004
Benzene	0.772	0.0250	1	01/27/25	01/27/25	
Ethylbenzene	9.46	0.0250	1	01/27/25	01/27/25	
Toluene	12.3	0.0250	1	01/27/25	01/27/25	
o-Xylene	10.3	0.0250	1	01/27/25	01/27/25	
p,m-Xylene	23.6	0.0500	1	01/27/25	01/27/25	
Total Xylenes	33.8	0.0250	1	01/27/25	01/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %	70-130	01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505004
Gasoline Range Organics (C6-C10)	358	20.0	1	01/27/25	01/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		118 %	70-130	01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505013
Diesel Range Organics (C10-C28)	8610	50.0	2	01/27/25	01/27/25	T9
Oil Range Organics (C28-C36)	2980	100	2	01/27/25	01/27/25	
<i>Surrogate: n-Nonane</i>		254 %	50-200	01/27/25	01/27/25	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505026
Chloride	1450	20.0	1	01/27/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 1/29/2025 12:17:48PM
---	---	--

BH06-1'
E501185-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505004
Benzene	ND	0.0250	1	01/27/25	01/28/25	
Ethylbenzene	ND	0.0250	1	01/27/25	01/28/25	
Toluene	ND	0.0250	1	01/27/25	01/28/25	
o-Xylene	ND	0.0250	1	01/27/25	01/28/25	
p,m-Xylene	ND	0.0500	1	01/27/25	01/28/25	
Total Xylenes	ND	0.0250	1	01/27/25	01/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.1 %	70-130	01/27/25	01/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505004
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/25	01/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.8 %	70-130	01/27/25	01/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505013
Diesel Range Organics (C10-C28)	180	25.0	1	01/27/25	01/28/25	
Oil Range Organics (C28-C36)	103	50.0	1	01/27/25	01/28/25	
<i>Surrogate: n-Nonane</i>		121 %	50-200	01/27/25	01/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505026
Chloride	43.0	20.0	1	01/27/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 1/29/2025 12:17:48PM
---	---	--

BH07-0'
E501185-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505004
Benzene	1.70	0.125	5	01/27/25	01/27/25	
Ethylbenzene	14.8	0.125	5	01/27/25	01/27/25	
Toluene	29.1	0.125	5	01/27/25	01/27/25	
o-Xylene	14.5	0.125	5	01/27/25	01/27/25	
p,m-Xylene	36.9	0.250	5	01/27/25	01/27/25	
Total Xylenes	51.3	0.125	5	01/27/25	01/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.9 %	70-130	01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505004
Gasoline Range Organics (C6-C10)	784	100	5	01/27/25	01/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		106 %	70-130	01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505013
Diesel Range Organics (C10-C28)	23000	500	20	01/27/25	01/28/25	T9
Oil Range Organics (C28-C36)	9240	1000	20	01/27/25	01/28/25	
<i>Surrogate: n-Nonane</i>		237 %	50-200	01/27/25	01/28/25	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505026
Chloride	392	20.0	1	01/27/25	01/28/25	

Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 1/29/2025 12:17:48PM
---	---	--

BH07-1'
E501185-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505004
Benzene	ND	0.0250	1	01/27/25	01/28/25	
Ethylbenzene	0.0393	0.0250	1	01/27/25	01/28/25	
Toluene	0.0548	0.0250	1	01/27/25	01/28/25	
o-Xylene	0.0614	0.0250	1	01/27/25	01/28/25	
p,m-Xylene	0.112	0.0500	1	01/27/25	01/28/25	
Total Xylenes	0.173	0.0250	1	01/27/25	01/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.8 %	70-130	01/27/25	01/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505004
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/25	01/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.4 %	70-130	01/27/25	01/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505013
Diesel Range Organics (C10-C28)	172	25.0	1	01/27/25	01/28/25	
Oil Range Organics (C28-C36)	76.5	50.0	1	01/27/25	01/28/25	
<i>Surrogate: n-Nonane</i>		117 %	50-200	01/27/25	01/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505026
Chloride	ND	20.0	1	01/27/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 1/29/2025 12:17:48PM
---	---	--

BH08-0'
E501185-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505004
Benzene	0.0331	0.0250	1	01/27/25	01/28/25	
Ethylbenzene	1.48	0.0250	1	01/27/25	01/28/25	
Toluene	0.651	0.0250	1	01/27/25	01/28/25	
o-Xylene	2.00	0.0250	1	01/27/25	01/28/25	
p,m-Xylene	4.46	0.0500	1	01/27/25	01/28/25	
Total Xylenes	6.46	0.0250	1	01/27/25	01/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	01/27/25	01/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505004
Gasoline Range Organics (C6-C10)	105	20.0	1	01/27/25	01/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		105 %	70-130	01/27/25	01/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505013
Diesel Range Organics (C10-C28)	4060	50.0	2	01/27/25	01/28/25	
Oil Range Organics (C28-C36)	1560	100	2	01/27/25	01/28/25	
<i>Surrogate: n-Nonane</i>		118 %	50-200	01/27/25	01/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505026
Chloride	8520	200	10	01/27/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 1/29/2025 12:17:48PM
---	---	--

BH08-1'

E501185-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505004
Benzene	ND	0.0250	1	01/27/25	01/28/25	
Ethylbenzene	0.107	0.0250	1	01/27/25	01/28/25	
Toluene	0.0424	0.0250	1	01/27/25	01/28/25	
o-Xylene	0.0688	0.0250	1	01/27/25	01/28/25	
p,m-Xylene	0.102	0.0500	1	01/27/25	01/28/25	
Total Xylenes	0.171	0.0250	1	01/27/25	01/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.6 %	70-130	01/27/25	01/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505004
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/25	01/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.6 %	70-130	01/27/25	01/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505013
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/25	01/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/25	01/28/25	
<i>Surrogate: n-Nonane</i>		108 %	50-200	01/27/25	01/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505026
Chloride	4470	40.0	2	01/27/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 1/29/2025 12:17:48PM
---	---	--

BH09-0'
E501185-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505004
Benzene	0.357	0.125	5	01/27/25	01/28/25	
Ethylbenzene	26.0	0.125	5	01/27/25	01/28/25	
Toluene	33.3	0.125	5	01/27/25	01/28/25	
o-Xylene	24.9	0.125	5	01/27/25	01/28/25	
p,m-Xylene	64.2	0.250	5	01/27/25	01/28/25	
Total Xylenes	89.1	0.125	5	01/27/25	01/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.4 %	70-130	01/27/25	01/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505004
Gasoline Range Organics (C6-C10)	941	100	5	01/27/25	01/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		110 %	70-130	01/27/25	01/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505013
Diesel Range Organics (C10-C28)	12100	50.0	2	01/27/25	01/28/25	T9
Oil Range Organics (C28-C36)	3920	100	2	01/27/25	01/28/25	
<i>Surrogate: n-Nonane</i>		365 %	50-200	01/27/25	01/28/25	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505026
Chloride	4460	40.0	2	01/27/25	01/28/25	

Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 1/29/2025 12:17:48PM
---	---	--

BH09-0.75'

E501185-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505004
Benzene	ND	0.0250	1	01/27/25	01/28/25	
Ethylbenzene	0.168	0.0250	1	01/27/25	01/28/25	
Toluene	0.0677	0.0250	1	01/27/25	01/28/25	
o-Xylene	0.272	0.0250	1	01/27/25	01/28/25	
p,m-Xylene	0.642	0.0500	1	01/27/25	01/28/25	
Total Xylenes	0.913	0.0250	1	01/27/25	01/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.2 %	70-130	01/27/25	01/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505004
Gasoline Range Organics (C6-C10)	20.0	20.0	1	01/27/25	01/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.3 %	70-130	01/27/25	01/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505013
Diesel Range Organics (C10-C28)	425	25.0	1	01/27/25	01/28/25	
Oil Range Organics (C28-C36)	150	50.0	1	01/27/25	01/28/25	
<i>Surrogate: n-Nonane</i>		111 %	50-200	01/27/25	01/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505026
Chloride	921	20.0	1	01/27/25	01/28/25	



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 1/29/2025 12:17:48PM
---	---	--

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2505004-BLK1)

Prepared: 01/27/25 Analyzed: 01/27/25

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	6.98		8.00		87.2	70-130			

LCS (2505004-BS1)

Prepared: 01/27/25 Analyzed: 01/27/25

Benzene	4.83	0.0250	5.00		96.6	70-130			
Ethylbenzene	4.78	0.0250	5.00		95.5	70-130			
Toluene	4.85	0.0250	5.00		96.9	70-130			
o-Xylene	4.78	0.0250	5.00		95.6	70-130			
p,m-Xylene	9.72	0.0500	10.0		97.2	70-130			
Total Xylenes	14.5	0.0250	15.0		96.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.04		8.00		88.0	70-130			

Matrix Spike (2505004-MS1)

Source: E501185-01

Prepared: 01/27/25 Analyzed: 01/27/25

Benzene	4.70	0.0250	5.00	ND	94.1	54-133			
Ethylbenzene	4.74	0.0250	5.00	ND	94.7	61-133			
Toluene	4.81	0.0250	5.00	0.0526	95.2	61-130			
o-Xylene	4.74	0.0250	5.00	ND	94.9	63-131			
p,m-Xylene	9.64	0.0500	10.0	ND	96.4	63-131			
Total Xylenes	14.4	0.0250	15.0	ND	95.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.07		8.00		88.4	70-130			

Matrix Spike Dup (2505004-MSD1)

Source: E501185-01

Prepared: 01/27/25 Analyzed: 01/28/25

Benzene	5.54	0.0250	5.00	ND	111	54-133	16.3	20	
Ethylbenzene	5.32	0.0250	5.00	ND	106	61-133	11.6	20	
Toluene	5.49	0.0250	5.00	0.0526	109	61-130	13.2	20	
o-Xylene	5.29	0.0250	5.00	ND	106	63-131	10.9	20	
p,m-Xylene	10.8	0.0500	10.0	ND	108	63-131	11.3	20	
Total Xylenes	16.1	0.0250	15.0	ND	107	63-131	11.2	20	
Surrogate: 4-Bromochlorobenzene-PID	7.09		8.00		88.6	70-130			



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 1/29/2025 12:17:48PM
---	---	--

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2505004-BLK1)

Prepared: 01/27/25 Analyzed: 01/27/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.9	70-130			

LCS (2505004-BS2)

Prepared: 01/27/25 Analyzed: 01/27/25

Gasoline Range Organics (C6-C10)	44.6	20.0	50.0		89.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.2	70-130			

Matrix Spike (2505004-MS2)

Source: E501185-01

Prepared: 01/27/25 Analyzed: 01/28/25

Gasoline Range Organics (C6-C10)	40.8	20.0	50.0	ND	81.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.7	70-130			

Matrix Spike Dup (2505004-MSD2)

Source: E501185-01

Prepared: 01/27/25 Analyzed: 01/27/25

Gasoline Range Organics (C6-C10)	41.9	20.0	50.0	ND	83.8	70-130	2.68	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.7	70-130			



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 1/29/2025 12:17:48PM
---	---	--

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2505013-BLK1)

Prepared: 01/27/25 Analyzed: 01/27/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.8		50.0		108	50-200			

LCS (2505013-BS1)

Prepared: 01/27/25 Analyzed: 01/27/25

Diesel Range Organics (C10-C28)	274	25.0	250		110	38-132			
Surrogate: n-Nonane	53.0		50.0		106	50-200			

Matrix Spike (2505013-MS1)

Source: E501185-08

Prepared: 01/27/25 Analyzed: 01/28/25

Diesel Range Organics (C10-C28)	44300	500	250	23000	NR	38-132			M4
Surrogate: n-Nonane	227		50.0		454	50-200			S5

Matrix Spike Dup (2505013-MSD1)

Source: E501185-08

Prepared: 01/27/25 Analyzed: 01/28/25

Diesel Range Organics (C10-C28)	27000	500	250	23000	NR	38-132	48.4	20	M4, R3
Surrogate: n-Nonane	131		50.0		262	50-200			S5



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 1/29/2025 12:17:48PM
---	---	--

Anions by EPA 300.0/9056A

Analyst: AK

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2505026-BLK1)

Prepared: 01/27/25 Analyzed: 01/27/25

Chloride	ND	20.0							
----------	----	------	--	--	--	--	--	--	--

LCS (2505026-BS1)

Prepared: 01/27/25 Analyzed: 01/27/25

Chloride	255	20.0	250		102	90-110			
----------	-----	------	-----	--	-----	--------	--	--	--

Matrix Spike (2505026-MS1)

Source: E501185-07

Prepared: 01/27/25 Analyzed: 01/28/25

Chloride	296	20.0	250	43.0	101	80-120			
----------	-----	------	-----	------	-----	--------	--	--	--

Matrix Spike Dup (2505026-MSD1)

Source: E501185-07

Prepared: 01/27/25 Analyzed: 01/28/25

Chloride	296	20.0	250	43.0	101	80-120	0.107	20	
----------	-----	------	-----	------	-----	--------	-------	----	--

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

Chevron	Project Name: Livestock Federal 2-9 Pad	
322 Road 3100	Project Number: 23003-0002	Reported:
Aztec NM, 87410	Project Manager: Ashley Giovengo	01/29/25 12:17

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.

R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.

S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.

T9 DRO includes undifferentiated early eluting analytes characteristic of GRO.

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.



Chain of Custody

Released to Imaging: 2/26/2026 4:03:49 PM

Received by OCD: 2/3/2026 12:46:18 PM

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Chevron				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Livestock Federal 2-9 Pad				Address:				E 501185		23003-0002					X	X			
Project Manager: Ashley Giovengo				City, State, Zip:															
Address: 3122 National Parks Hwy				Phone:															
City, State, Zip: Carlsbad NM, 88220				Email:															
Phone: 575-988-0055				Miscellaneous:															
Email: agiovengo@ensolum.com																			

Sample Information										Analysis and Method								EPA Program			Remarks
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA				
															Compliance	Y	or	N			
10:44	1/23/25	S	1	SS11-0'		1						X									
10:38				SS13-0'		2															
10:40				SS13 ^{CH} SS14-0'		3															
10:45				SS16-0'		4															
10:40				SS17-0'		5															
13:36				BH06-0'		6															
13:39				BH06-1'		7															
13:12				BH07-0'		8															
13:10				BH07-1'		9															
12:33				BH08-0'		10															

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Chad Hamilton, Higinio Gonzalez

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
<u>[Signature]</u>	1/24/25	9:10	<u>Michelle Gonzalez</u>	1-24-25	0900	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<u>Michelle Gonzalez</u>	1-24-25	1545	<u>[Signature]</u>	1-24-25	1600	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<u>[Signature]</u>	1-24-25	2300	<u>Noe Soto</u>	1-27-25	0700	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA _____

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



Page 66 of 255

Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Chevron				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Livestock Federal 2-9 Pad				Address:				E 501185		23003-0002						X			
Project Manager: Ashley Giovengo				City, State, Zip:															
Address: 3122 National Parks Hwy				Phone:															
City, State, Zip: Carlsbad NM, 88220				Email:															
Phone: 575-988-0055				Miscellaneous:															
Email: agiovengo@ensolum.com																			

Sample Information										Analysis and Method								EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA	Compliance	Y or N	PWSID #	Remarks	
1236	1/23/25	S	1	BH08-1'		11						X										
1322 1332	1/23/25	S	1	BH09-0'		12						X										
1325	1/23/25	S	1	BH09-0.75'		13						X										

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Chad Hamilton, Higinia Gonzalez

Relinquished by: (Signature) 	Date 1/24/25	Time 9:00	Received by: (Signature) <u>Michelle Gonzalez</u>	Date 1-24-25	Time 0900	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>Michelle Gonzalez</u>	Date 1-24-25	Time 1545	Received by: (Signature) <u>John H.</u>	Date 1-24-25	Time 1600	
Relinquished by: (Signature) <u>John H.</u>	Date 1-24-25	Time 2300	Received by: (Signature) <u>Noe Soto</u>	Date 1-27-25	Time 0700	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA _____

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 2/26/2026 4:03:49 PM

Received by OCD: 2/3/2026 12:46:18 PM

Page 67 of 255



Envirotech Analytical Laboratory

Printed: 1/27/2025 11:16:45AM

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: Chevron	Date Received: 01/27/25 07:00	Work Order ID: E501185
Phone: (505)326-2657	Date Logged In: 01/24/25 15:34	Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com	Due Date: 01/31/25 17:00 (4 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? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

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? Yes

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

Comments/Resolution

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Chevron

Project Name: Livestock Federal 2-9 Pad

Work Order: E501194

Job Number: 23003-0002

Received: 1/28/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/3/25

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: 2/3/25



Ashley Giovengo
322 Road 3100
Aztec, NM 87410

Project Name: Livestock Federal 2-9 Pad
Workorder: E501194
Date Received: 1/28/2025 7:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/28/2025 7:45:00AM, under the Project Name: Livestock Federal 2-9 Pad.

The analytical test results summarized in this report with the Project Name: Livestock Federal 2-9 Pad 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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
SS01-0'	6
SS02-0'	7
SS03-0'	8
SS04-0'	9
SS05-0'	10
SS06-0'	11
SS07-0'	12
SS08-0'	13
SS09-0'	14
SS10-0'	15
SS12-0'	16
SS15-0'	17
SS18-0'	18
BH01-0'	19
BH01-1'	20
BH01-2.5'	21
BH02-0'	22
BH03-0'	23
BH03-1'	24
BH04-0'	25

Table of Contents (continued)

BH05-0'	26
BH05-1'	27
QC Summary Data	28
QC - Volatile Organics by EPA 8021B	28
QC - Nonhalogenated Organics by EPA 8015D - GRO	30
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	32
QC - Anions by EPA 300.0/9056A	34
Definitions and Notes	36
Chain of Custody etc.	37

Sample Summary

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 02/03/25 16:07
---	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01-0'	E501194-01A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.
SS02-0'	E501194-02A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.
SS03-0'	E501194-03A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.
SS04-0'	E501194-04A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.
SS05-0'	E501194-05A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.
SS06-0'	E501194-06A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.
SS07-0'	E501194-07A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.
SS08-0'	E501194-08A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.
SS09-0'	E501194-09A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.
SS10-0'	E501194-10A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.
SS12-0'	E501194-11A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.
SS15-0'	E501194-12A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.
SS18-0'	E501194-13A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.
BH01-0'	E501194-14A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.
BH01-1'	E501194-15A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.
BH01-2.5'	E501194-16A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.
BH02-0'	E501194-17A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.
BH03-0'	E501194-18A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.
BH03-1'	E501194-19A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.
BH04-0'	E501194-20A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.
BH04-1'	E501194-21A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.
BH05-0'	E501194-22A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.
BH05-1'	E501194-23A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.

Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

SS01-0'

E501194-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2505035	
Benzene	ND	0.0250	1	01/28/25	01/29/25	
Ethylbenzene	ND	0.0250	1	01/28/25	01/29/25	
Toluene	ND	0.0250	1	01/28/25	01/29/25	
o-Xylene	ND	0.0250	1	01/28/25	01/29/25	
p,m-Xylene	ND	0.0500	1	01/28/25	01/29/25	
Total Xylenes	ND	0.0250	1	01/28/25	01/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.0 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2505035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/25	01/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.4 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2505038	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/25	01/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/25	01/29/25	
<i>Surrogate: n-Nonane</i>		99.3 %	50-200	01/28/25	01/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2505055	
Chloride	358	20.0	1	01/28/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

SS02-0'

E501194-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Benzene	ND	0.0250	1	01/28/25	01/29/25	
Ethylbenzene	ND	0.0250	1	01/28/25	01/29/25	
Toluene	ND	0.0250	1	01/28/25	01/29/25	
o-Xylene	ND	0.0250	1	01/28/25	01/29/25	
p,m-Xylene	ND	0.0500	1	01/28/25	01/29/25	
Total Xylenes	ND	0.0250	1	01/28/25	01/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.2 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/25	01/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.3 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505038
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/25	01/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/25	01/29/25	
<i>Surrogate: n-Nonane</i>		97.1 %	50-200	01/28/25	01/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505055
Chloride	149	20.0	1	01/28/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

SS03-0'

E501194-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Benzene	ND	0.0250	1	01/28/25	01/29/25	
Ethylbenzene	ND	0.0250	1	01/28/25	01/29/25	
Toluene	ND	0.0250	1	01/28/25	01/29/25	
o-Xylene	ND	0.0250	1	01/28/25	01/29/25	
p,m-Xylene	ND	0.0500	1	01/28/25	01/29/25	
Total Xylenes	ND	0.0250	1	01/28/25	01/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.1 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/25	01/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.0 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505038
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/25	01/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/25	01/29/25	
<i>Surrogate: n-Nonane</i>		94.2 %	50-200	01/28/25	01/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505055
Chloride	ND	20.0	1	01/28/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

SS04-0'

E501194-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Benzene	ND	0.0250	1	01/28/25	01/29/25	
Ethylbenzene	ND	0.0250	1	01/28/25	01/29/25	
Toluene	ND	0.0250	1	01/28/25	01/29/25	
o-Xylene	ND	0.0250	1	01/28/25	01/29/25	
p,m-Xylene	ND	0.0500	1	01/28/25	01/29/25	
Total Xylenes	ND	0.0250	1	01/28/25	01/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		89.6 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/25	01/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.3 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505038
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/25	01/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/25	01/29/25	
<i>Surrogate: n-Nonane</i>		98.5 %	50-200	01/28/25	01/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505055
Chloride	25.9	20.0	1	01/28/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

SS05-0'

E501194-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Benzene	ND	0.0250	1	01/28/25	01/29/25	
Ethylbenzene	ND	0.0250	1	01/28/25	01/29/25	
Toluene	ND	0.0250	1	01/28/25	01/29/25	
o-Xylene	ND	0.0250	1	01/28/25	01/29/25	
p,m-Xylene	ND	0.0500	1	01/28/25	01/29/25	
Total Xylenes	ND	0.0250	1	01/28/25	01/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.2 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/25	01/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.9 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505038
Diesel Range Organics (C10-C28)	30.3	25.0	1	01/28/25	01/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/25	01/29/25	
<i>Surrogate: n-Nonane</i>		97.0 %	50-200	01/28/25	01/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505055
Chloride	109	20.0	1	01/28/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

SS06-0'

E501194-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Benzene	ND	0.0250	1	01/28/25	01/28/25	
Ethylbenzene	ND	0.0250	1	01/28/25	01/28/25	
Toluene	ND	0.0250	1	01/28/25	01/28/25	
o-Xylene	ND	0.0250	1	01/28/25	01/28/25	
p,m-Xylene	ND	0.0500	1	01/28/25	01/28/25	
Total Xylenes	ND	0.0250	1	01/28/25	01/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.9 %	70-130	01/28/25	01/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/25	01/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.4 %	70-130	01/28/25	01/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505038
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/25	01/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/25	01/29/25	
<i>Surrogate: n-Nonane</i>		101 %	50-200	01/28/25	01/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505055
Chloride	69.2	20.0	1	01/28/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

SS07-0'

E501194-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2505035	
Benzene	ND	0.0250	1	01/28/25	01/29/25	
Ethylbenzene	ND	0.0250	1	01/28/25	01/29/25	
Toluene	ND	0.0250	1	01/28/25	01/29/25	
o-Xylene	ND	0.0250	1	01/28/25	01/29/25	
p,m-Xylene	ND	0.0500	1	01/28/25	01/29/25	
Total Xylenes	ND	0.0250	1	01/28/25	01/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.4 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2505035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/25	01/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.0 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2505038	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/25	01/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/25	01/29/25	
<i>Surrogate: n-Nonane</i>		97.5 %	50-200	01/28/25	01/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2505055	
Chloride	64.7	20.0	1	01/28/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

SS08-0'

E501194-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Benzene	ND	0.0250	1	01/28/25	01/29/25	
Ethylbenzene	ND	0.0250	1	01/28/25	01/29/25	
Toluene	ND	0.0250	1	01/28/25	01/29/25	
o-Xylene	ND	0.0250	1	01/28/25	01/29/25	
p,m-Xylene	ND	0.0500	1	01/28/25	01/29/25	
Total Xylenes	ND	0.0250	1	01/28/25	01/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		88.9 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/25	01/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.6 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505038
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/25	01/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/25	01/29/25	
<i>Surrogate: n-Nonane</i>		92.6 %	50-200	01/28/25	01/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505055
Chloride	503	20.0	1	01/28/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

SS09-0'

E501194-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Benzene	ND	0.0250	1	01/28/25	01/29/25	
Ethylbenzene	ND	0.0250	1	01/28/25	01/29/25	
Toluene	ND	0.0250	1	01/28/25	01/29/25	
o-Xylene	ND	0.0250	1	01/28/25	01/29/25	
p,m-Xylene	ND	0.0500	1	01/28/25	01/29/25	
Total Xylenes	ND	0.0250	1	01/28/25	01/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		88.3 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/25	01/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.6 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505038
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/25	01/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/25	01/29/25	
<i>Surrogate: n-Nonane</i>		99.1 %	50-200	01/28/25	01/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505055
Chloride	ND	20.0	1	01/28/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

SS10-0'

E501194-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Benzene	ND	0.0250	1	01/28/25	01/29/25	
Ethylbenzene	ND	0.0250	1	01/28/25	01/29/25	
Toluene	ND	0.0250	1	01/28/25	01/29/25	
o-Xylene	ND	0.0250	1	01/28/25	01/29/25	
p,m-Xylene	ND	0.0500	1	01/28/25	01/29/25	
Total Xylenes	ND	0.0250	1	01/28/25	01/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		88.3 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/25	01/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.0 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505038
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/25	01/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/25	01/29/25	
<i>Surrogate: n-Nonane</i>		101 %	50-200	01/28/25	01/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505055
Chloride	ND	20.0	1	01/28/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

SS12-0'

E501194-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Benzene	ND	0.0250	1	01/28/25	01/29/25	
Ethylbenzene	ND	0.0250	1	01/28/25	01/29/25	
Toluene	ND	0.0250	1	01/28/25	01/29/25	
o-Xylene	ND	0.0250	1	01/28/25	01/29/25	
p,m-Xylene	ND	0.0500	1	01/28/25	01/29/25	
Total Xylenes	ND	0.0250	1	01/28/25	01/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		87.7 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/25	01/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.8 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505038
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/25	01/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/25	01/29/25	
<i>Surrogate: n-Nonane</i>		102 %	50-200	01/28/25	01/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505055
Chloride	ND	20.0	1	01/28/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

SS15-0'

E501194-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Benzene	ND	0.0250	1	01/28/25	01/29/25	
Ethylbenzene	ND	0.0250	1	01/28/25	01/29/25	
Toluene	ND	0.0250	1	01/28/25	01/29/25	
o-Xylene	ND	0.0250	1	01/28/25	01/29/25	
p,m-Xylene	ND	0.0500	1	01/28/25	01/29/25	
Total Xylenes	ND	0.0250	1	01/28/25	01/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		87.7 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/25	01/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.6 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505038
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/25	01/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/25	01/29/25	
<i>Surrogate: n-Nonane</i>		94.9 %	50-200	01/28/25	01/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505055
Chloride	ND	20.0	1	01/28/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

SS18-0'

E501194-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Benzene	ND	0.0250	1	01/28/25	01/29/25	
Ethylbenzene	ND	0.0250	1	01/28/25	01/29/25	
Toluene	ND	0.0250	1	01/28/25	01/29/25	
o-Xylene	ND	0.0250	1	01/28/25	01/29/25	
p,m-Xylene	ND	0.0500	1	01/28/25	01/29/25	
Total Xylenes	ND	0.0250	1	01/28/25	01/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		87.1 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/25	01/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.7 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505038
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/25	01/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/25	01/29/25	
<i>Surrogate: n-Nonane</i>		95.3 %	50-200	01/28/25	01/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505055
Chloride	ND	20.0	1	01/28/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

BH01-0'
E501194-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Benzene	29.8	0.250	10	01/28/25	01/30/25	
Ethylbenzene	36.1	0.250	10	01/28/25	01/30/25	
Toluene	121	0.250	10	01/28/25	01/30/25	
o-Xylene	29.2	0.250	10	01/28/25	01/30/25	
p,m-Xylene	80.2	0.500	10	01/28/25	01/30/25	
Total Xylenes	109	0.250	10	01/28/25	01/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.2 %	70-130	01/28/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Gasoline Range Organics (C6-C10)	1750	200	10	01/28/25	01/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		102 %	70-130	01/28/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505038
Diesel Range Organics (C10-C28)	14000	250	10	01/28/25	01/31/25	
Oil Range Organics (C28-C36)	5160	500	10	01/28/25	01/31/25	
<i>Surrogate: n-Nonane</i>		350 %	61-141	01/28/25	01/31/25	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505055
Chloride	17900	200	10	01/28/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

BH01-1'
E501194-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Benzene	0.0404	0.0250	1	01/28/25	01/29/25	
Ethylbenzene	ND	0.0250	1	01/28/25	01/29/25	
Toluene	0.0507	0.0250	1	01/28/25	01/29/25	
o-Xylene	ND	0.0250	1	01/28/25	01/29/25	
p,m-Xylene	ND	0.0500	1	01/28/25	01/29/25	
Total Xylenes	ND	0.0250	1	01/28/25	01/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.9 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/25	01/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.0 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505038
Diesel Range Organics (C10-C28)	99.1	25.0	1	01/28/25	01/31/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/25	01/31/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	01/28/25	01/31/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505055
Chloride	799	20.0	1	01/28/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

BH01-2.5'

E501194-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Benzene	0.0464	0.0250	1	01/28/25	01/29/25	
Ethylbenzene	ND	0.0250	1	01/28/25	01/29/25	
Toluene	0.0446	0.0250	1	01/28/25	01/29/25	
o-Xylene	ND	0.0250	1	01/28/25	01/29/25	
p,m-Xylene	ND	0.0500	1	01/28/25	01/29/25	
Total Xylenes	ND	0.0250	1	01/28/25	01/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.5 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/25	01/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.9 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505038
Diesel Range Organics (C10-C28)	55.0	25.0	1	01/28/25	01/31/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/25	01/31/25	
<i>Surrogate: n-Nonane</i>		94.6 %	61-141	01/28/25	01/31/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505055
Chloride	956	20.0	1	01/28/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

BH02-0'
E501194-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Benzene	0.0399	0.0250	1	01/28/25	01/29/25	
Ethylbenzene	ND	0.0250	1	01/28/25	01/29/25	
Toluene	0.0361	0.0250	1	01/28/25	01/29/25	
o-Xylene	ND	0.0250	1	01/28/25	01/29/25	
p,m-Xylene	ND	0.0500	1	01/28/25	01/29/25	
Total Xylenes	ND	0.0250	1	01/28/25	01/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.0 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/25	01/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.9 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505038
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/25	01/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/25	01/29/25	
<i>Surrogate: n-Nonane</i>		98.8 %	50-200	01/28/25	01/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505055
Chloride	540	20.0	1	01/28/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

BH03-0'
E501194-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Benzene	0.0411	0.0250	1	01/28/25	01/29/25	
Ethylbenzene	ND	0.0250	1	01/28/25	01/29/25	
Toluene	0.0403	0.0250	1	01/28/25	01/29/25	
o-Xylene	ND	0.0250	1	01/28/25	01/29/25	
p,m-Xylene	ND	0.0500	1	01/28/25	01/29/25	
Total Xylenes	ND	0.0250	1	01/28/25	01/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.2 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/25	01/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.3 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505038
Diesel Range Organics (C10-C28)	57.6	25.0	1	01/28/25	01/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/25	01/29/25	
<i>Surrogate: n-Nonane</i>		95.4 %	50-200	01/28/25	01/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505055
Chloride	474	20.0	1	01/28/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

BH03-1'
E501194-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Benzene	0.0309	0.0250	1	01/28/25	01/29/25	
Ethylbenzene	ND	0.0250	1	01/28/25	01/29/25	
Toluene	0.0255	0.0250	1	01/28/25	01/29/25	
o-Xylene	ND	0.0250	1	01/28/25	01/29/25	
p,m-Xylene	ND	0.0500	1	01/28/25	01/29/25	
Total Xylenes	ND	0.0250	1	01/28/25	01/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.8 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/25	01/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.2 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505038
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/25	01/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/25	01/29/25	
<i>Surrogate: n-Nonane</i>		101 %	50-200	01/28/25	01/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505055
Chloride	216	20.0	1	01/28/25	01/28/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

BH04-0'

E501194-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Benzene	0.0839	0.0250	1	01/28/25	01/29/25	
Ethylbenzene	ND	0.0250	1	01/28/25	01/29/25	
Toluene	0.0857	0.0250	1	01/28/25	01/29/25	
o-Xylene	ND	0.0250	1	01/28/25	01/29/25	
p,m-Xylene	ND	0.0500	1	01/28/25	01/29/25	
Total Xylenes	ND	0.0250	1	01/28/25	01/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.4 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505035
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/25	01/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.1 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2505038
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/25	01/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/25	01/29/25	
<i>Surrogate: n-Nonane</i>		97.5 %	50-200	01/28/25	01/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2505055
Chloride	ND	20.0	1	01/28/25	01/29/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

BH05-0'

E501194-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2505037
Benzene	0.0745	0.0250	1	01/28/25	01/29/25	
Ethylbenzene	ND	0.0250	1	01/28/25	01/29/25	
Toluene	0.105	0.0250	1	01/28/25	01/29/25	
o-Xylene	ND	0.0250	1	01/28/25	01/29/25	
p,m-Xylene	ND	0.0500	1	01/28/25	01/29/25	
Total Xylenes	ND	0.0250	1	01/28/25	01/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		86.1 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2505037
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/25	01/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.0 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: HM		Batch: 2505048
Diesel Range Organics (C10-C28)	410	25.0	1	01/28/25	01/29/25	
Oil Range Organics (C28-C36)	205	50.0	1	01/28/25	01/29/25	
<i>Surrogate: n-Nonane</i>		112 %	61-141	01/28/25	01/29/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2505058
Chloride	1150	20.0	1	01/28/25	01/29/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

BH05-1'

E501194-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2505037
Benzene	0.0275	0.0250	1	01/28/25	01/29/25	
Ethylbenzene	ND	0.0250	1	01/28/25	01/29/25	
Toluene	0.0307	0.0250	1	01/28/25	01/29/25	
o-Xylene	ND	0.0250	1	01/28/25	01/29/25	
p,m-Xylene	ND	0.0500	1	01/28/25	01/29/25	
Total Xylenes	ND	0.0250	1	01/28/25	01/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		85.5 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2505037
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/25	01/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.9 %	70-130	01/28/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2505048
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/25	01/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/25	01/29/25	
<i>Surrogate: n-Nonane</i>		108 %	61-141	01/28/25	01/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2505058
Chloride	340	20.0	1	01/28/25	01/29/25	



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2505035-BLK1)

Prepared: 01/28/25 Analyzed: 01/28/25

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	7.37		8.00		92.1	70-130			

LCS (2505035-BS1)

Prepared: 01/28/25 Analyzed: 01/29/25

Benzene	4.81	0.0250	5.00		96.2	70-130			
Ethylbenzene	4.62	0.0250	5.00		92.4	70-130			
Toluene	4.73	0.0250	5.00		94.5	70-130			
o-Xylene	4.61	0.0250	5.00		92.3	70-130			
p,m-Xylene	9.40	0.0500	10.0		94.0	70-130			
Total Xylenes	14.0	0.0250	15.0		93.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.01		8.00		87.6	70-130			

Matrix Spike (2505035-MS1)

Source: E501194-06

Prepared: 01/28/25 Analyzed: 01/28/25

Benzene	5.28	0.0250	5.00	ND	106	54-133			
Ethylbenzene	5.06	0.0250	5.00	ND	101	61-133			
Toluene	5.18	0.0250	5.00	ND	104	61-130			
o-Xylene	5.06	0.0250	5.00	ND	101	63-131			
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131			
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.68		8.00		96.0	70-130			

Matrix Spike Dup (2505035-MSD1)

Source: E501194-06

Prepared: 01/28/25 Analyzed: 01/28/25

Benzene	5.23	0.0250	5.00	ND	105	54-133	1.03	20	
Ethylbenzene	5.02	0.0250	5.00	ND	100	61-133	0.720	20	
Toluene	5.13	0.0250	5.00	ND	103	61-130	1.02	20	
o-Xylene	5.03	0.0250	5.00	ND	101	63-131	0.713	20	
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131	0.686	20	
Total Xylenes	15.2	0.0250	15.0	ND	102	63-131	0.695	20	
Surrogate: 4-Bromochlorobenzene-PID	7.71		8.00		96.4	70-130			



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2505037-BLK1)

Prepared: 01/28/25 Analyzed: 01/30/25

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	7.16		8.00		89.5	70-130			

LCS (2505037-BS1)

Prepared: 01/28/25 Analyzed: 01/30/25

Benzene	4.52	0.0250	5.00		90.5	70-130			
Ethylbenzene	4.33	0.0250	5.00		86.5	70-130			
Toluene	4.45	0.0250	5.00		88.9	70-130			
o-Xylene	4.33	0.0250	5.00		86.6	70-130			
p,m-Xylene	8.80	0.0500	10.0		88.0	70-130			
Total Xylenes	13.1	0.0250	15.0		87.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.17		8.00		89.6	70-130			

Matrix Spike (2505037-MS1)

Source: E501190-05

Prepared: 01/28/25 Analyzed: 01/30/25

Benzene	4.58	0.0250	5.00	ND	91.6	54-133			
Ethylbenzene	4.51	0.0250	5.00	0.150	87.3	61-133			
Toluene	4.57	0.0250	5.00	0.0590	90.3	61-130			
o-Xylene	4.91	0.0250	5.00	0.493	88.4	63-131			
p,m-Xylene	9.87	0.0500	10.0	1.04	88.3	63-131			
Total Xylenes	14.8	0.0250	15.0	1.53	88.4	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.5	70-130			

Matrix Spike Dup (2505037-MSD1)

Source: E501190-05

Prepared: 01/28/25 Analyzed: 01/30/25

Benzene	4.60	0.0250	5.00	ND	92.0	54-133	0.366	20	
Ethylbenzene	4.54	0.0250	5.00	0.150	87.8	61-133	0.598	20	
Toluene	4.60	0.0250	5.00	0.0590	90.8	61-130	0.505	20	
o-Xylene	4.94	0.0250	5.00	0.493	88.9	63-131	0.514	20	
p,m-Xylene	9.92	0.0500	10.0	1.04	88.8	63-131	0.446	20	
Total Xylenes	14.9	0.0250	15.0	1.53	88.8	63-131	0.469	20	
Surrogate: 4-Bromochlorobenzene-PID	7.35		8.00		91.9	70-130			



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2505035-BLK1)

Prepared: 01/28/25 Analyzed: 01/28/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.9	70-130			

LCS (2505035-BS2)

Prepared: 01/28/25 Analyzed: 01/28/25

Gasoline Range Organics (C6-C10)	43.3	20.0	50.0		86.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.6	70-130			

Matrix Spike (2505035-MS2)

Source: E501194-06

Prepared: 01/28/25 Analyzed: 01/28/25

Gasoline Range Organics (C6-C10)	44.6	20.0	50.0	ND	89.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.3	70-130			

Matrix Spike Dup (2505035-MSD2)

Source: E501194-06

Prepared: 01/28/25 Analyzed: 01/28/25

Gasoline Range Organics (C6-C10)	46.1	20.0	50.0	ND	92.1	70-130	3.13	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130			



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2505037-BLK1)

Prepared: 01/28/25 Analyzed: 01/30/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.6	70-130			

LCS (2505037-BS2)

Prepared: 01/28/25 Analyzed: 01/30/25

Gasoline Range Organics (C6-C10)	43.8	20.0	50.0		87.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.8	70-130			

Matrix Spike (2505037-MS2)

Source: E501190-05

Prepared: 01/28/25 Analyzed: 01/30/25

Gasoline Range Organics (C6-C10)	60.2	20.0	50.0	21.7	77.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		8.00		96.5	70-130			

Matrix Spike Dup (2505037-MSD2)

Source: E501190-05

Prepared: 01/28/25 Analyzed: 01/30/25

Gasoline Range Organics (C6-C10)	61.4	20.0	50.0	21.7	79.4	70-130	1.95	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.8	70-130			



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2505038-BLK1)

Prepared: 01/28/25 Analyzed: 01/29/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.5		50.0		95.0	50-200			

LCS (2505038-BS1)

Prepared: 01/28/25 Analyzed: 01/29/25

Diesel Range Organics (C10-C28)	203	25.0	250		81.0	38-132			
Surrogate: n-Nonane	48.2		50.0		96.3	50-200			

Matrix Spike (2505038-MS1)

Source: E501194-09

Prepared: 01/28/25 Analyzed: 01/29/25

Diesel Range Organics (C10-C28)	224	25.0	250	ND	89.6	38-132			
Surrogate: n-Nonane	46.7		50.0		93.4	50-200			

Matrix Spike Dup (2505038-MSD1)

Source: E501194-09

Prepared: 01/28/25 Analyzed: 01/29/25

Diesel Range Organics (C10-C28)	235	25.0	250	ND	93.9	38-132	4.74	20	
Surrogate: n-Nonane	50.3		50.0		101	50-200			



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2505048-BLK1)

Prepared: 01/28/25 Analyzed: 01/30/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.1		50.0		104	61-141			

LCS (2505048-BS1)

Prepared: 01/28/25 Analyzed: 01/30/25

Diesel Range Organics (C10-C28)	288	25.0	250		115	66-144			
Surrogate: n-Nonane	55.0		50.0		110	61-141			

Matrix Spike (2505048-MS1)

Source: E501195-22

Prepared: 01/28/25 Analyzed: 01/29/25

Diesel Range Organics (C10-C28)	306	25.0	250	ND	122	56-156			
Surrogate: n-Nonane	57.0		50.0		114	61-141			

Matrix Spike Dup (2505048-MSD1)

Source: E501195-22

Prepared: 01/28/25 Analyzed: 01/29/25

Diesel Range Organics (C10-C28)	305	25.0	250	ND	122	56-156	0.340	20	
Surrogate: n-Nonane	56.1		50.0		112	61-141			



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

Anions by EPA 300.0/9056A

Analyst: AK

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2505055-BLK1)

Prepared: 01/28/25 Analyzed: 01/28/25

Chloride ND 20.0

LCS (2505055-BS1)

Prepared: 01/28/25 Analyzed: 01/28/25

Chloride 252 20.0 250 101 90-110

Matrix Spike (2505055-MS1)

Source: E501194-04

Prepared: 01/28/25 Analyzed: 01/28/25

Chloride 289 20.0 250 25.9 105 80-120

Matrix Spike Dup (2505055-MSD1)

Source: E501194-04

Prepared: 01/28/25 Analyzed: 01/28/25

Chloride 286 20.0 250 25.9 104 80-120 1.02 20



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/3/2025 4:07:34PM
---	---	--

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2505058-BLK1)

Prepared: 01/28/25 Analyzed: 01/29/25

Chloride	ND	20.0							
----------	----	------	--	--	--	--	--	--	--

LCS (2505058-BS1)

Prepared: 01/28/25 Analyzed: 01/29/25

Chloride	259	20.0	250		104	90-110			
----------	-----	------	-----	--	-----	--------	--	--	--

Matrix Spike (2505058-MS1)

Source: E501194-22

Prepared: 01/28/25 Analyzed: 01/29/25

Chloride	1560	20.0	250	1150	164	80-120			M4
----------	------	------	-----	------	-----	--------	--	--	----

Matrix Spike Dup (2505058-MSD1)

Source: E501194-22

Prepared: 01/28/25 Analyzed: 01/29/25

Chloride	1420	20.0	250	1150	107	80-120	9.51	20	
----------	------	------	-----	------	-----	--------	------	----	--

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

Chevron	Project Name:	Livestock Federal 2-9 Pad	Reported: 02/03/25 16:07
322 Road 3100	Project Number:	23003-0002	
Aztec NM, 87410	Project Manager:	Ashley Giovengo	

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.

S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.

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.



Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Chevron				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Livestock Federal 2-9 Pad				Address:				E501194		23006-1002					X	X			
Project Manager: Ashley Giovengo				City, State, Zip:															
Address: 3122 National Parks Hwy				Phone:															
City, State, Zip: Carlsbad NM, 88220				Email:															
Phone: 575-988-0055				Miscellaneous:															
Email: agiovengo@ensolum.com																			

Sample Information										Analysis and Method								EPA Program			Remarks
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA & Metals	SDWA	CWA	RCRA				
1322	1/24/25	S	1	SS01-0'		1						X									
1121				SS02-0'		2															
1118				SS03-0'		3															
1128				SS04-0'		4															
1131				SS05-0'		5															
1130				SS06-0'		6															
1255				SS07-0'		7															
1431				SS08-0'		8															
0936				SS09-0'		9															
0927				SS10-0'		10															

Additional Instructions: Please CC: agiovengo@ensolum.com, chamilton@ensolum.com, hggreen@ensolum.com, msarkis@ensolum.com, jgonzalez@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Chad Hamilton, Higinio Gonzalez

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / N T1 _____ T2 _____ T3 _____ AVG Temp °C 4
	1/27/25	0805	Michelle Gonzales	1-27-25	0805	
Michelle Gonzales	1-27-25	1600		1.27.25	1615	
	1.27.25	2230	Caitlin Mann	1-27-25	7:45	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 2/26/2026 4:03:49 PM

Received by OCD: 2/3/2026 12:46:18 PM

Page 105 of 255



Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Chevron				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Livestock Federal 2-9 Pad				Address:				E501194		230031002					X	X			
Project Manager: Ashley Giovengo				City, State, Zip:															
Address: 3122 National Parks Hwy				Phone:															
City, State, Zip: Carlsbad NM, 88220				Email:															
Phone: 575-988-0055				Miscellaneous:															
Email: agiovengo@ensolum.com																			

Sample Information						Analysis and Method								EPA Program			Remarks	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA		RCRA
0925	1/24/25	S	1	SS12-0'		11						X						
0931				SS15-0'		12												
0934				SS18-0'		13												
1106 1116				BH01-0'		14												
1116				BH01-1'		15												
1123				BH01-2.5'		16												
1135				BH02-0'		17												
1026				BH03-0'		18												
1031				BH03-4.5CH1'		19												
1155				BH04-0'		20												

Additional Instructions: Please CC: agiovengo@ensolum.com, chamilton@ensolum.com, hgreen@ensolum.com, msarkis@ensolum.com, jgonzalez@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Relinquished by: (Signature) <i>[Signature]</i>						Date	Time	Received by: (Signature) <i>Michelle Gonzales</i>		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <i>Michelle Gonzales</i>						1/27/25	1600	Received by: (Signature) <i>[Signature]</i>		1.27.25	1615	
Relinquished by: (Signature) <i>[Signature]</i>						1.27.25	2230	Received by: (Signature) <i>[Signature]</i>		1.28.25	745	
Relinquished by: (Signature)								Received by: (Signature)				

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA _____

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 2/26/2026 4:03:49 PM

Received by OCD: 2/3/2026 12:46:18 PM

Page 106 of 255



Envirotech Analytical Laboratory

Printed: 1/28/2025 9:30:44AM

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: Chevron	Date Received: 01/28/25 07:45	Work Order ID: E501194
Phone: (505)326-2657	Date Logged In: 01/27/25 16:12	Logged In By: Noe Soto
Email: agiovengo@ensolum.com	Due Date: 02/03/25 17:00 (4 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? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

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? Yes

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

Comments/Resolution

Per client: Only run BGDGC for sample 21 if BH04-0 (Sample 20) is >100 TPH or >600Cl.

Client Instruction

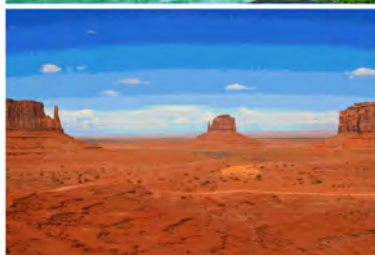
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Chevron

Project Name: Livestock Federal 2-9 Pad

Work Order: E502164

Job Number: 23003-0002

Received: 2/19/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/24/25

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: 2/24/25



Ashley Giovengo
322 Road 3100
Aztec, NM 87410

Project Name: Livestock Federal 2-9 Pad
Workorder: E502164
Date Received: 2/19/2025 5:00:26AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/19/2025 5:00:26AM, under the Project Name: Livestock Federal 2-9 Pad.

The analytical test results summarized in this report with the Project Name: Livestock Federal 2-9 Pad 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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
BH01-4'	5
BH01-6'	6
BH01-8'	7
BH01-12'	8
BH01-14'	9
BH01-15'	10
BH06-2'	11
BH07-2'	12
BH08-2'	13
BH09-2'	14
QC Summary Data	15
QC - Volatile Organic Compounds by EPA8260B	15
QC - Nonhalogenated Organics by EPA 8015D - GRO	16
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	17
QC - Anions by EPA 300.0/9056A	18
Definitions and Notes	19
Chain of Custody etc.	20

Sample Summary

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 02/24/25 08:19
---	---	------------------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-4'	E502164-01A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
BH01-6'	E502164-02A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
BH01-8'	E502164-03A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
BH01-12'	E502164-04A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
BH01-14'	E502164-05A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
BH01-15'	E502164-06A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
BH06-2'	E502164-07A	Solid	02/17/25	02/19/25	Glass Jar, 2 oz.
BH07-2'	E502164-08A	Solid	02/17/25	02/19/25	Glass Jar, 2 oz.
BH08-2'	E502164-09A	Solid	02/17/25	02/19/25	Glass Jar, 2 oz.
BH09-2'	E502164-10A	Solid	02/17/25	02/19/25	Glass Jar, 2 oz.

Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/24/2025 8:19:55AM
---	---	---

BH01-4'
E502164-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: SL		Batch: 2508068
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2508068
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2508073
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		114 %	61-141	02/19/25	02/20/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2508063
Chloride	1120	20.0	1	02/19/25	02/19/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/24/2025 8:19:55AM
---	---	---

BH01-6'
E502164-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: SL		Batch: 2508068
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2508068
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2508073
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		114 %	61-141	02/19/25	02/20/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2508063
Chloride	830	20.0	1	02/19/25	02/19/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/24/2025 8:19:55AM
---	---	---

BH01-8'
E502164-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: SL		Batch: 2508068
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2508068
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2508073
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		113 %	61-141	02/19/25	02/20/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2508063
Chloride	937	20.0	1	02/19/25	02/19/25	

Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/24/2025 8:19:55AM
---	---	---

BH01-12'

E502164-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: SL		Batch: 2508068
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2508068
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2508073
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		109 %	61-141	02/19/25	02/20/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2508063
Chloride	666	20.0	1	02/19/25	02/19/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/24/2025 8:19:55AM
---	---	---

BH01-14'

E502164-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: SL		Batch: 2508068
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.9 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2508068
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.9 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2508073
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		113 %	61-141	02/19/25	02/20/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2508063
Chloride	894	20.0	1	02/19/25	02/19/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/24/2025 8:19:55AM
---	---	---

BH01-15'

E502164-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: SL		Batch: 2508068
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2508068
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2508073
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		111 %	61-141	02/19/25	02/20/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2508063
Chloride	1830	40.0	2	02/19/25	02/19/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/24/2025 8:19:55AM
---	---	---

BH06-2'
E502164-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508068
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508068
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508073
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		114 %	61-141	02/19/25	02/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2508063
Chloride	566	20.0	1	02/19/25	02/19/25	

Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/24/2025 8:19:55AM
---	---	---

BH07-2'
E502164-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: SL		Batch: 2508068
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.4 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2508068
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.4 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2508073
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	02/19/25	02/20/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2508063
Chloride	30.9	20.0	1	02/19/25	02/19/25	

Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/24/2025 8:19:55AM
---	---	---

BH08-2'
E502164-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508068
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508068
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508073
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	02/19/25	02/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2508063
Chloride	ND	20.0	1	02/19/25	02/19/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/24/2025 8:19:55AM
---	---	---

BH09-2'
E502164-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: SL		Batch: 2508068
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.5 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2508068
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.5 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2508073
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		110 %	61-141	02/19/25	02/20/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2508063
Chloride	29.6	20.0	1	02/19/25	02/19/25	



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/24/2025 8:19:55AM
---	---	----------------------------------

Volatile Organic Compounds by EPA 8260B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2508068-BLK1)

Prepared: 02/19/25 Analyzed: 02/20/25

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: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.8	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

LCS (2508068-BS1)

Prepared: 02/19/25 Analyzed: 02/20/25

Benzene	2.17	0.0250	2.50		87.0	70-130			
Ethylbenzene	2.34	0.0250	2.50		93.5	70-130			
Toluene	2.39	0.0250	2.50		95.6	70-130			
o-Xylene	2.40	0.0250	2.50		96.0	70-130			
p,m-Xylene	4.96	0.0500	5.00		99.1	70-130			
Total Xylenes	7.36	0.0250	7.50		98.1	70-130			
Surrogate: Bromofluorobenzene	0.509		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

Matrix Spike (2508068-MS1)

Source: E502164-05

Prepared: 02/19/25 Analyzed: 02/20/25

Benzene	2.15	0.0250	2.50	ND	86.0	48-131			
Ethylbenzene	2.29	0.0250	2.50	ND	91.6	45-135			
Toluene	2.33	0.0250	2.50	ND	93.3	48-130			
o-Xylene	2.40	0.0250	2.50	ND	95.9	43-135			
p,m-Xylene	4.93	0.0500	5.00	ND	98.5	43-135			
Total Xylenes	7.32	0.0250	7.50	ND	97.6	43-135			
Surrogate: Bromofluorobenzene	0.509		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.515		0.500		103	70-130			
Surrogate: Toluene-d8	0.499		0.500		99.8	70-130			

Matrix Spike Dup (2508068-MSD1)

Source: E502164-05

Prepared: 02/19/25 Analyzed: 02/20/25

Benzene	2.17	0.0250	2.50	ND	86.8	48-131	0.949	23	
Ethylbenzene	2.31	0.0250	2.50	ND	92.3	45-135	0.783	27	
Toluene	2.34	0.0250	2.50	ND	93.7	48-130	0.385	24	
o-Xylene	2.46	0.0250	2.50	ND	98.3	43-135	2.45	27	
p,m-Xylene	5.04	0.0500	5.00	ND	101	43-135	2.37	27	
Total Xylenes	7.50	0.0250	7.50	ND	100	43-135	2.39	27	
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.519		0.500		104	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.1	70-130			



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/24/2025 8:19:55AM
---	---	---

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	---------------	--------------------	----------	-------------------	-------

Blank (2508068-BLK1)

Prepared: 02/19/25 Analyzed: 02/20/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.8	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

LCS (2508068-BS2)

Prepared: 02/19/25 Analyzed: 02/20/25

Gasoline Range Organics (C6-C10)	47.4	20.0	50.0		94.8	70-130			
Surrogate: Bromofluorobenzene	0.523		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.1	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			

Matrix Spike (2508068-MS2)

Source: E502164-05

Prepared: 02/19/25 Analyzed: 02/20/25

Gasoline Range Organics (C6-C10)	48.2	20.0	50.0	ND	96.4	70-130			
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.513		0.500		103	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			

Matrix Spike Dup (2508068-MSD2)

Source: E502164-05

Prepared: 02/19/25 Analyzed: 02/20/25

Gasoline Range Organics (C6-C10)	48.5	20.0	50.0	ND	97.0	70-130	0.656	20	
Surrogate: Bromofluorobenzene	0.515		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.510		0.500		102	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/24/2025 8:19:55AM
---	---	---

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2508073-BLK1)

Prepared: 02/19/25 Analyzed: 02/20/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.7		50.0		105	61-141			

LCS (2508073-BS1)

Prepared: 02/19/25 Analyzed: 02/20/25

Diesel Range Organics (C10-C28)	300	25.0	250		120	66-144			
Surrogate: n-Nonane	51.3		50.0		103	61-141			

Matrix Spike (2508073-MS1)

Source: E502164-03

Prepared: 02/19/25 Analyzed: 02/20/25

Diesel Range Organics (C10-C28)	316	25.0	250	ND	127	56-156			
Surrogate: n-Nonane	57.1		50.0		114	61-141			

Matrix Spike Dup (2508073-MSD1)

Source: E502164-03

Prepared: 02/19/25 Analyzed: 02/20/25

Diesel Range Organics (C10-C28)	305	25.0	250	ND	122	56-156	3.79	20	
Surrogate: n-Nonane	54.8		50.0		110	61-141			



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 2/24/2025 8:19:55AM
---	---	---

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2508063-BLK1)

Prepared: 02/19/25 Analyzed: 02/19/25

Chloride	ND	20.0							
----------	----	------	--	--	--	--	--	--	--

LCS (2508063-BS1)

Prepared: 02/19/25 Analyzed: 02/19/25

Chloride	256	20.0	250		102	90-110			
----------	-----	------	-----	--	-----	--------	--	--	--

Matrix Spike (2508063-MS1)

Source: E502164-03

Prepared: 02/19/25 Analyzed: 02/19/25

Chloride	1120	20.0	250	937	71.2	80-120			M2
----------	------	------	-----	-----	------	--------	--	--	----

Matrix Spike Dup (2508063-MSD1)

Source: E502164-03

Prepared: 02/19/25 Analyzed: 02/19/25

Chloride	1160	20.0	250	937	90.9	80-120	4.32	20	
----------	------	------	-----	-----	------	--------	------	----	--

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

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 02/24/25 08:19
---	---	------------------------------------

M2 Matrix spike recovery was outside quality control 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.



Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State					
Client: Chevron				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: Livestock Fed 2-9 Pad				Address:				E502164		23003-0002					X	X					
Project Manager: Ashley Giovengo				City, State, Zip:																	
Address: 3122 National Parks Hwy				Phone:																	
City, State, Zip: Carlsbad NM, 88220				Email:																	
Phone: 575-988-0055				Miscellaneous:																	
Email: agiovengo@ensolum.com																					
Sample Information										Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA			
																Compliance	Y	or	N		
																PWSID #					
																Remarks					
1102	2/17/25	S	1	BH01-4'			1						X								
1114		S		BH01-6'			2														
1124		S		BH01-8'			3														
1151		S		BH01-12'			4														
1223		S		BH01-14'			5														
1243		S		BH01-15'			6														
1316		SD		BH06-2'			7														
1452		SD		BH07-2'			8														
1350		SD		^{SH} BH BH08-2'			9														
1422		SD		BH09-2'			10														
Additional Instructions: Please CC: agiovengo@ensolum.com, chamilton@ensolum.com, hgreen@ensolum.com, msarkis@ensolum.com, jgonzalez@ensolum.com, bmoir@ensolum.com																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																					
Sampled by: ___ Chad Hamilton, Higinio Gonzalez																					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time														
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA											
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					

Envirotech Analytical Laboratory

Printed: 2/19/2025 8:12:59AM

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: Chevron Date Received: 02/19/25 05:00 Work Order ID: E502164
Phone: (505)326-2657 Date Logged In: 02/18/25 16:02 Logged In By: Noe Soto
Email: agiovengo@ensolum.com Due Date: 02/25/25 17:00 (4 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? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

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? Yes

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

Empty box for Client Instruction

Comments/Resolution

Large empty box for Comments/Resolution

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Chevron

Project Name: Livestock Federal 2-9 Pad

Work Order: E506212

Job Number: 23003-0002

Received: 6/24/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/30/25

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: 6/30/25



Ashley Giovengo
322 Road 3100
Aztec, NM 87410

Project Name: Livestock Federal 2-9 Pad
Workorder: E506212
Date Received: 6/24/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/24/2025 7:00:00AM, under the Project Name: Livestock Federal 2-9 Pad.

The analytical test results summarized in this report with the Project Name: Livestock Federal 2-9 Pad 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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SW01- 0-2'	5
SW02- 0-2'	6
FS11-2'	7
FS13-2'	8
FS18-2'	9
FS19-2'	10
FS20-2'	11
FS21-2'	12
FS22-2'	13
FS23-2'	14
FS24-2'	15
FS25-2'	16
FS26-2'	17
QC Summary Data	18
QC - Volatile Organics by EPA 8021B	18
QC - Nonhalogenated Organics by EPA 8015D - GRO	19
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	20
QC - Anions by EPA 300.0/9056A	21
Definitions and Notes	22
Chain of Custody etc.	23

Sample Summary

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 06/30/25 14:02
---	---	------------------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW01- 0-2'	E506212-01A	Soil	06/20/25	06/24/25	Glass Jar, 2 oz.
SW02- 0-2'	E506212-02A	Soil	06/20/25	06/24/25	Glass Jar, 2 oz.
FS11-2'	E506212-03A	Soil	06/20/25	06/24/25	Glass Jar, 2 oz.
FS13-2'	E506212-04A	Soil	06/20/25	06/24/25	Glass Jar, 2 oz.
FS18-2'	E506212-05A	Soil	06/20/25	06/24/25	Glass Jar, 2 oz.
FS19-2'	E506212-06A	Soil	06/20/25	06/24/25	Glass Jar, 2 oz.
FS20-2'	E506212-07A	Soil	06/20/25	06/24/25	Glass Jar, 2 oz.
FS21-2'	E506212-08A	Soil	06/20/25	06/24/25	Glass Jar, 2 oz.
FS22-2'	E506212-09A	Soil	06/20/25	06/24/25	Glass Jar, 2 oz.
FS23-2'	E506212-10A	Soil	06/20/25	06/24/25	Glass Jar, 2 oz.
FS24-2'	E506212-11A	Soil	06/20/25	06/24/25	Glass Jar, 2 oz.
FS25-2'	E506212-12A	Soil	06/20/25	06/24/25	Glass Jar, 2 oz.
FS26-2'	E506212-13A	Soil	06/20/25	06/24/25	Glass Jar, 2 oz.

Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 6/30/2025 2:02:42PM
---	---	---

SW01- 0-2'

E506212-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: RKS		Batch: 2526046
Benzene	ND	0.0250	1	06/24/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/28/25	
Toluene	ND	0.0250	1	06/24/25	06/28/25	
o-Xylene	ND	0.0250	1	06/24/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2526046
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.5 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2526101
Diesel Range Organics (C10-C28)	75.7	25.0	1	06/25/25	06/29/25	
Oil Range Organics (C28-C36)	58.9	50.0	1	06/25/25	06/29/25	
<i>Surrogate: n-Nonane</i>		93.5 %	61-141	06/25/25	06/29/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: IY		Batch: 2526109
Chloride	226	20.0	1	06/26/25	06/26/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 6/30/2025 2:02:42PM
---	---	---

SW02- 0-2'

E506212-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2526046
Benzene	ND	0.0250	1	06/24/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/28/25	
Toluene	ND	0.0250	1	06/24/25	06/28/25	
o-Xylene	ND	0.0250	1	06/24/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2526046
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.2 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2526101
Diesel Range Organics (C10-C28)	ND	25.0	1	06/25/25	06/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/25/25	06/26/25	
<i>Surrogate: n-Nonane</i>		98.1 %	61-141	06/25/25	06/26/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2526109
Chloride	ND	20.0	1	06/26/25	06/26/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 6/30/2025 2:02:42PM
---	---	---

FS11-2'

E506212-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2526046
Benzene	ND	0.0250	1	06/24/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/28/25	
Toluene	ND	0.0250	1	06/24/25	06/28/25	
o-Xylene	ND	0.0250	1	06/24/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2526046
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.8 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2526101
Diesel Range Organics (C10-C28)	25.6	25.0	1	06/25/25	06/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/25/25	06/27/25	
<i>Surrogate: n-Nonane</i>						
		102 %	61-141	06/25/25	06/27/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2526109
Chloride	42.4	20.0	1	06/26/25	06/26/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 6/30/2025 2:02:42PM
---	---	---

FS13-2'

E506212-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2526046
Benzene	ND	0.0250	1	06/24/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/28/25	
Toluene	ND	0.0250	1	06/24/25	06/28/25	
o-Xylene	ND	0.0250	1	06/24/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2526046
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.2 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2526101
Diesel Range Organics (C10-C28)	43.6	25.0	1	06/25/25	06/27/25	
Oil Range Organics (C28-C36)	62.8	50.0	1	06/25/25	06/27/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	06/25/25	06/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2526109
Chloride	65.1	20.0	1	06/26/25	06/26/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 6/30/2025 2:02:42PM
---	---	---

FS18-2'

E506212-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2526046
Benzene	ND	0.0250	1	06/24/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/28/25	
Toluene	ND	0.0250	1	06/24/25	06/28/25	
o-Xylene	ND	0.0250	1	06/24/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2526046
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.8 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2526101
Diesel Range Organics (C10-C28)	37.0	25.0	1	06/25/25	06/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/25/25	06/27/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	06/25/25	06/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2526109
Chloride	113	20.0	1	06/26/25	06/26/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 6/30/2025 2:02:42PM
---	---	---

FS19-2'

E506212-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2526046
Benzene	ND	0.0250	1	06/24/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/29/25	
Toluene	ND	0.0250	1	06/24/25	06/29/25	
o-Xylene	ND	0.0250	1	06/24/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	06/24/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2526046
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.4 %	70-130	06/24/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2526101
Diesel Range Organics (C10-C28)	ND	25.0	1	06/25/25	06/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/25/25	06/27/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	06/25/25	06/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2526109
Chloride	43.2	20.0	1	06/26/25	06/26/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 6/30/2025 2:02:42PM
---	---	---

FS20-2'

E506212-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2526046
Benzene	ND	0.0250	1	06/24/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/29/25	
Toluene	ND	0.0250	1	06/24/25	06/29/25	
o-Xylene	ND	0.0250	1	06/24/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	06/24/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2526046
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.6 %	70-130	06/24/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2526101
Diesel Range Organics (C10-C28)	197	25.0	1	06/25/25	06/27/25	
Oil Range Organics (C28-C36)	152	50.0	1	06/25/25	06/27/25	
<i>Surrogate: n-Nonane</i>						
		102 %	61-141	06/25/25	06/27/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2526109
Chloride	134	20.0	1	06/26/25	06/26/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 6/30/2025 2:02:42PM
---	---	---

FS21-2'

E506212-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2526046
Benzene	ND	0.0250	1	06/24/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/29/25	
Toluene	ND	0.0250	1	06/24/25	06/29/25	
o-Xylene	ND	0.0250	1	06/24/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.3 %	70-130	06/24/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2526046
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.5 %	70-130	06/24/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2526101
Diesel Range Organics (C10-C28)	80.7	25.0	1	06/25/25	06/29/25	
Oil Range Organics (C28-C36)	78.5	50.0	1	06/25/25	06/29/25	
<i>Surrogate: n-Nonane</i>		94.5 %	61-141	06/25/25	06/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2526109
Chloride	91.5	20.0	1	06/26/25	06/26/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 6/30/2025 2:02:42PM
---	---	---

FS22-2'

E506212-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2526046
Benzene	ND	0.0250	1	06/24/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/29/25	
Toluene	ND	0.0250	1	06/24/25	06/29/25	
o-Xylene	ND	0.0250	1	06/24/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.9 %	70-130	06/24/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2526046
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.8 %	70-130	06/24/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2526101
Diesel Range Organics (C10-C28)	ND	25.0	1	06/25/25	06/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/25/25	06/27/25	
<i>Surrogate: n-Nonane</i>		96.5 %	61-141	06/25/25	06/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2526109
Chloride	96.4	20.0	1	06/26/25	06/26/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 6/30/2025 2:02:42PM
---	---	---

FS23-2'

E506212-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2526046
Benzene	ND	0.0250	1	06/24/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/29/25	
Toluene	ND	0.0250	1	06/24/25	06/29/25	
o-Xylene	ND	0.0250	1	06/24/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.8 %	70-130	06/24/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2526046
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.2 %	70-130	06/24/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2526101
Diesel Range Organics (C10-C28)	93.5	25.0	1	06/25/25	06/27/25	
Oil Range Organics (C28-C36)	66.3	50.0	1	06/25/25	06/27/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	06/25/25	06/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2526109
Chloride	211	20.0	1	06/26/25	06/26/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 6/30/2025 2:02:42PM
---	---	---

FS24-2'

E506212-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2526046
Benzene	ND	0.0250	1	06/24/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/29/25	
Toluene	ND	0.0250	1	06/24/25	06/29/25	
o-Xylene	ND	0.0250	1	06/24/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	06/24/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2526046
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.8 %	70-130	06/24/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2526101
Diesel Range Organics (C10-C28)	36.9	25.0	1	06/25/25	06/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/25/25	06/27/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	06/25/25	06/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2526109
Chloride	60.4	20.0	1	06/26/25	06/26/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 6/30/2025 2:02:42PM
---	---	---

FS25-2'

E506212-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2526046	
Benzene	ND	0.0250	1	06/24/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/29/25	
Toluene	ND	0.0250	1	06/24/25	06/29/25	
o-Xylene	ND	0.0250	1	06/24/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	06/24/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2526046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.2 %	70-130	06/24/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2526101	
Diesel Range Organics (C10-C28)	250	25.0	1	06/25/25	06/27/25	
Oil Range Organics (C28-C36)	159	50.0	1	06/25/25	06/27/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	06/25/25	06/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2526109	
Chloride	274	20.0	1	06/26/25	06/26/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 6/30/2025 2:02:42PM
---	---	---

FS26-2'

E506212-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2526046
Benzene	ND	0.0250	1	06/24/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/29/25	
Toluene	ND	0.0250	1	06/24/25	06/29/25	
o-Xylene	ND	0.0250	1	06/24/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	06/24/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2526046
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.3 %	70-130	06/24/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2526101
Diesel Range Organics (C10-C28)	91.6	25.0	1	06/25/25	06/29/25	
Oil Range Organics (C28-C36)	84.1	50.0	1	06/25/25	06/29/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	06/25/25	06/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2526109
Chloride	82.1	20.0	1	06/26/25	06/26/25	



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 6/30/2025 2:02:42PM
---	---	---

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	---------------	--------------------	----------	-------------------	-------

Blank (2526046-BLK1)

Prepared: 06/24/25 Analyzed: 06/28/25

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	8.24		8.00		103	70-130			

LCS (2526046-BS1)

Prepared: 06/24/25 Analyzed: 06/28/25

Benzene	5.52	0.0250	5.00		110	70-130			
Ethylbenzene	5.37	0.0250	5.00		107	70-130			
Toluene	5.47	0.0250	5.00		109	70-130			
o-Xylene	5.28	0.0250	5.00		106	70-130			
p,m-Xylene	10.8	0.0500	10.0		108	70-130			
Total Xylenes	16.1	0.0250	15.0		107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.19		8.00		102	70-130			

Matrix Spike (2526046-MS1)

Source: E506211-03

Prepared: 06/24/25 Analyzed: 06/28/25

Benzene	5.15	0.0250	5.00	0.0512	102	70-130			
Ethylbenzene	6.02	0.0250	5.00	0.560	109	70-130			
Toluene	6.06	0.0250	5.00	0.556	110	70-130			
o-Xylene	5.41	0.0250	5.00	0.269	103	70-130			
p,m-Xylene	11.3	0.0500	10.0	0.762	105	70-130			
Total Xylenes	16.7	0.0250	15.0	1.03	104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.63		8.00		108	70-130			

Matrix Spike Dup (2526046-MSD1)

Source: E506211-03

Prepared: 06/24/25 Analyzed: 06/28/25

Benzene	5.53	0.0250	5.00	0.0512	110	70-130	7.08	27	
Ethylbenzene	6.39	0.0250	5.00	0.560	117	70-130	5.93	26	
Toluene	6.42	0.0250	5.00	0.556	117	70-130	5.81	20	
o-Xylene	5.80	0.0250	5.00	0.269	111	70-130	6.86	25	
p,m-Xylene	12.0	0.0500	10.0	0.762	112	70-130	6.27	23	
Total Xylenes	17.8	0.0250	15.0	1.03	112	70-130	6.46	26	
Surrogate: 4-Bromochlorobenzene-PID	8.69		8.00		109	70-130			



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 6/30/2025 2:02:42PM
---	---	---

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	---------------	--------------------	----------	-------------------	-------

Blank (2526046-BLK1)

Prepared: 06/24/25 Analyzed: 06/28/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.8	70-130			

LCS (2526046-BS2)

Prepared: 06/24/25 Analyzed: 06/28/25

Gasoline Range Organics (C6-C10)	43.6	20.0	50.0		87.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.1	70-130			

Matrix Spike (2526046-MS2)

Source: E506211-03

Prepared: 06/24/25 Analyzed: 06/28/25

Gasoline Range Organics (C6-C10)	81.5	20.0	50.0	ND	163	70-130			M6
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.4	70-130			

Matrix Spike Dup (2526046-MSD2)

Source: E506211-03

Prepared: 06/24/25 Analyzed: 06/28/25

Gasoline Range Organics (C6-C10)	84.2	20.0	50.0	ND	168	70-130	3.34	20	M6
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.85		8.00		98.1	70-130			



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 6/30/2025 2:02:42PM
---	---	---

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2526101-BLK1)

Prepared: 06/25/25 Analyzed: 06/26/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	62.4		50.0		125	61-141			

LCS (2526101-BS1)

Prepared: 06/25/25 Analyzed: 06/26/25

Diesel Range Organics (C10-C28)	273	25.0	250		109	66-144			
Surrogate: <i>n</i> -Nonane	49.0		50.0		97.9	61-141			

Matrix Spike (2526101-MS1)

Source: E506212-02

Prepared: 06/25/25 Analyzed: 06/26/25

Diesel Range Organics (C10-C28)	276	25.0	250	ND	110	56-156			
Surrogate: <i>n</i> -Nonane	49.2		50.0		98.5	61-141			

Matrix Spike Dup (2526101-MSD1)

Source: E506212-02

Prepared: 06/25/25 Analyzed: 06/26/25

Diesel Range Organics (C10-C28)	290	25.0	250	ND	116	56-156	5.02	20	
Surrogate: <i>n</i> -Nonane	51.9		50.0		104	61-141			



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 6/30/2025 2:02:42PM
---	---	---

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2526109-BLK1)

Prepared: 06/26/25 Analyzed: 06/26/25

Chloride	ND	20.0							
----------	----	------	--	--	--	--	--	--	--

LCS (2526109-BS1)

Prepared: 06/26/25 Analyzed: 06/26/25

Chloride	254	20.0	250		102	90-110			
----------	-----	------	-----	--	-----	--------	--	--	--

Matrix Spike (2526109-MS1)

Source: E506172-22

Prepared: 06/26/25 Analyzed: 06/26/25

Chloride	956	200	250	782	69.7	80-120			M2
----------	-----	-----	-----	-----	------	--------	--	--	----

Matrix Spike Dup (2526109-MSD1)

Source: E506172-22

Prepared: 06/26/25 Analyzed: 06/26/25

Chloride	959	200	250	782	70.7	80-120	0.270	20	M2
----------	-----	-----	-----	-----	------	--------	-------	----	----

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

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 06/30/25 14:02
---	---	------------------------------------

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- M6 Matrix spike recovery has a high bias. The native sample results were below the RL, but appears to have contributed to high MS recoveries.
- 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.

Client Information				Invoice Information				Lab Use Only				TAT				State					
Client: Chevron				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: Livestock Federal 2-9 Pad				Address: 3122 National Parks Hwy				E500212		23003-0002					X	X					
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220																	
Address: 3122 National Parks Hwy				Phone: 575-988-0055																	
City, State, Zip: Carlsbad NM, 88220				Email: agiovengo@ensolum.com																	
Phone: 575-988-0055				Miscellaneous:																	
Email: agiovengo@ensolum.com																					
Sample Information																					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	IGDOC - NM	IGDOC - TX	SDWA	CWA	RCRA			
																Compliance	Y	or	N		
																PWSID #					
																Sample Temp			Remarks		
1326	06-20-25	S	1	SW01 - 0-2'		1								X					3.5		
1327		S	1	SW02 - 0-2'		2								X					3.6		
1148		S	1	FS11 - 2'		3								X					3.8		
1151		S	1	FS13 - 2'		4								X					3.6		
0902		S	1	FS18 - 2'		5								X					3.6		
1324		S	1	FS19 - 2'		6								X					2.8		
0859		S	1	FS20 - 2'		7								X					2.9		
0905		S	1	FS21 - 2'		8								X					3.4		
0904		S	1	FS22 - 2'		9								X					4.1		
0857		S	1	FS23 - 2'		10								X					3.1		
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																					
Sampled by: Higinio Gonzalez																					
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N					
				06-23-25								6-23-25		0900							
Michelle Gonzales				6-23-25		1545						6-23-25		1545							
Marissa Gonzales				6-23-25		1915						6-23-25		1915							
John M.				6-23-25		2345						6-24-25		700							
Caitlin M.																					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA					
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Chevron				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Livestock Federal 2-9 Pad				Address: 3122 National Parks Hwy				E500212		03003-0002					X	X			
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: 575-988-0055															
City, State, Zip: Carlsbad NM, 88220				Email: agiovengo@ensolum.com															
Phone: 575-988-0055				Miscellaneous:															
Email: agiovengo@ensolum.com																			
Sample Information																			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
1146	06-20-25	S	1	FS24-2'		11								X					
0854	06-20-25	S	1	FS25-2'		12								X					
1142	06-20-25	S	1	FS26-2'		13								X					
		S	1											X					
		S	1											X					
		S	1											X					
		S	1											X					
		S	1											X					
		S	1											X					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Higinio Gonzalez																			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N													
<i>[Signature]</i>	06-23-25		<i>Michelle Guye</i>	6-23-25	0900														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<i>Michelle Gonzales</i>	6-23-25	1545	<i>Marissa Gonzalez</i>	6-23-25	1545														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<i>Marissa Gonzalez</i>	6-23-25	1915	<i>[Signature]</i>	6-23-25	1915														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<i>[Signature]</i>	6-23-25	2345	<i>[Signature]</i>	6-24-25	700														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
						Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other													
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 6/24/2025 9:32:05AM

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: Chevron	Date Received: 06/24/25 07:00	Work Order ID: E506212
Phone: (505)326-2657	Date Logged In: 06/23/25 15:50	Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com	Due Date: 06/30/25 17:00 (4 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? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

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? Yes

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

Comments/Resolution

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Chevron

Project Name: Livestock Federal 2-9 Pad

Work Order: E506228

Job Number: 23003-0002

Received: 6/25/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/1/25

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: 7/1/25

Ashley Giovengo
322 Road 3100
Aztec, NM 87410

Project Name: Livestock Federal 2-9 Pad
Workorder: E506228
Date Received: 6/25/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/25/2025 8:00:00AM, under the Project Name: Livestock Federal 2-9 Pad.

The analytical test results summarized in this report with the Project Name: Livestock Federal 2-9 Pad 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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SW03- 0-2'	5
SW07- 0-2'	6
SW08- 0-2'	7
SW09- 0-2'	8
SW10- 0-2'	9
SW17- 0-2'	10
SW24- 0-2'	11
FS01-2'	12
FS02-2'	13
FS03-2'	14
FS04-2'	15
FS05-2'	16
QC Summary Data	17
QC - Volatile Organics by EPA 8021B	17
QC - Nonhalogenated Organics by EPA 8015D - GRO	18
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	19
QC - Anions by EPA 300.0/9056A	20
Definitions and Notes	21
Chain of Custody etc.	22

Sample Summary

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 07/01/25 15:24
---	---	------------------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW03- 0-2'	E506228-01A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
SW07- 0-2'	E506228-02A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
SW08- 0-2'	E506228-03A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
SW09- 0-2'	E506228-04A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
SW10- 0-2'	E506228-05A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
SW17- 0-2'	E506228-06A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
SW24- 0-2'	E506228-07A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
FS01-2'	E506228-08A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
FS02-2'	E506228-09A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
FS03-2'	E506228-10A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
FS04-2'	E506228-11A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
FS05-2'	E506228-12A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/1/2025 3:24:14PM
---	---	--

SW03- 0-2'
E506228-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2526076	
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
o-Xylene	ND	0.0250	1	06/24/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.8 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2526076	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.8 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2526125	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/30/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	06/26/25	06/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2527001	
Chloride	ND	20.0	1	06/29/25	06/29/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/1/2025 3:24:14PM
---	---	--

SW07- 0-2'

E506228-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2526076
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
o-Xylene	ND	0.0250	1	06/24/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2526076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.8 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2526125
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/30/25	
<i>Surrogate: n-Nonane</i>						
		99.7 %	61-141	06/26/25	06/30/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2527001
Chloride	ND	20.0	1	06/29/25	06/29/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/1/2025 3:24:14PM
---	---	--

SW08- 0-2'

E506228-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2526076
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
o-Xylene	ND	0.0250	1	06/24/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2526076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.0 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2526125
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/30/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	06/26/25	06/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2527001
Chloride	ND	20.0	1	06/29/25	06/29/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/1/2025 3:24:14PM
---	---	--

SW09- 0-2'

E506228-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2526076
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
o-Xylene	ND	0.0250	1	06/24/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.7 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2526076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.2 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2526125
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/30/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	06/26/25	06/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2527001
Chloride	151	20.0	1	06/29/25	06/29/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/1/2025 3:24:14PM
---	---	--

SW10- 0-2'

E506228-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2526076
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
o-Xylene	ND	0.0250	1	06/24/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.8 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2526076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.9 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2526125
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/30/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	06/26/25	06/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2527001
Chloride	65.8	20.0	1	06/29/25	06/29/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/1/2025 3:24:14PM
---	---	--

SW17- 0-2'

E506228-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2526076
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
o-Xylene	ND	0.0250	1	06/24/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.7 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2526076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.0 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2526125
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/30/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	06/26/25	06/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2527001
Chloride	ND	20.0	1	06/29/25	06/29/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/1/2025 3:24:14PM
---	---	--

SW24- 0-2'

E506228-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2526076
Benzene	ND	0.0250	1	06/24/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/28/25	
Toluene	ND	0.0250	1	06/24/25	06/28/25	
o-Xylene	ND	0.0250	1	06/24/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.3 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2526076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.2 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2526125
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/30/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	06/26/25	06/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2527001
Chloride	31.6	20.0	1	06/29/25	06/29/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/1/2025 3:24:14PM
---	---	--

FS01-2'
E506228-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2526076	
Benzene	ND	0.0250	1	06/24/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/28/25	
Toluene	ND	0.0250	1	06/24/25	06/28/25	
o-Xylene	ND	0.0250	1	06/24/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.8 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2526076	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.9 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2526125	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/30/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	06/26/25	06/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2527001	
Chloride	85.2	20.0	1	06/29/25	06/29/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/1/2025 3:24:14PM
---	---	--

FS02-2'

E506228-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2526076
Benzene	ND	0.0250	1	06/24/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/28/25	
Toluene	ND	0.0250	1	06/24/25	06/28/25	
o-Xylene	ND	0.0250	1	06/24/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		98.3 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2526076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.9 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2526125
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/30/25	
<i>Surrogate: n-Nonane</i>						
		105 %	61-141	06/26/25	06/30/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2527001
Chloride	25.6	20.0	1	06/29/25	06/29/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/1/2025 3:24:14PM
---	---	--

FS03-2'

E506228-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2526076
Benzene	ND	0.0250	1	06/24/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/28/25	
Toluene	ND	0.0250	1	06/24/25	06/28/25	
o-Xylene	ND	0.0250	1	06/24/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.2 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2526076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.1 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2526125
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/30/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	06/26/25	06/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2527001
Chloride	103	20.0	1	06/29/25	06/29/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/1/2025 3:24:14PM
---	---	--

FS04-2'

E506228-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2526076
Benzene	ND	0.0250	1	06/24/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/28/25	
Toluene	ND	0.0250	1	06/24/25	06/28/25	
o-Xylene	ND	0.0250	1	06/24/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.5 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2526076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.4 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2526125
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/30/25	
<i>Surrogate: n-Nonane</i>		98.6 %	61-141	06/26/25	06/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2527001
Chloride	48.6	20.0	1	06/29/25	06/30/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/1/2025 3:24:14PM
---	---	--

FS05-2'

E506228-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2526076
Benzene	ND	0.0250	1	06/24/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/28/25	
Toluene	ND	0.0250	1	06/24/25	06/28/25	
o-Xylene	ND	0.0250	1	06/24/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.2 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2526076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.3 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2526125
Diesel Range Organics (C10-C28)	98.0	25.0	1	06/26/25	06/30/25	
Oil Range Organics (C28-C36)	55.1	50.0	1	06/26/25	06/30/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	06/26/25	06/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2527001
Chloride	83.5	20.0	1	06/29/25	06/30/25	



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/1/2025 3:24:14PM
---	---	--

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2526076-BLK1)

Prepared: 06/24/25 Analyzed: 06/27/25

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	8.13		8.00		102	70-130			

LCS (2526076-BS1)

Prepared: 06/24/25 Analyzed: 06/27/25

Benzene	5.14	0.0250	5.00		103	70-130			
Ethylbenzene	5.04	0.0250	5.00		101	70-130			
Toluene	5.11	0.0250	5.00		102	70-130			
o-Xylene	4.96	0.0250	5.00		99.2	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.1	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.12		8.00		102	70-130			

Matrix Spike (2526076-MS1)

Source: E506225-01

Prepared: 06/24/25 Analyzed: 06/27/25

Benzene	5.46	0.0250	5.00	ND	109	70-130			
Ethylbenzene	5.34	0.0250	5.00	ND	107	70-130			
Toluene	5.42	0.0250	5.00	ND	108	70-130			
o-Xylene	5.24	0.0250	5.00	ND	105	70-130			
p,m-Xylene	10.7	0.0500	10.0	ND	107	70-130			
Total Xylenes	16.0	0.0250	15.0	ND	106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.02		8.00		100	70-130			

Matrix Spike Dup (2526076-MSD1)

Source: E506225-01

Prepared: 06/24/25 Analyzed: 06/27/25

Benzene	5.44	0.0250	5.00	ND	109	70-130	0.380	27	
Ethylbenzene	5.34	0.0250	5.00	ND	107	70-130	0.0356	26	
Toluene	5.41	0.0250	5.00	ND	108	70-130	0.149	20	
o-Xylene	5.26	0.0250	5.00	ND	105	70-130	0.311	25	
p,m-Xylene	10.7	0.0500	10.0	ND	107	70-130	0.0797	23	
Total Xylenes	16.0	0.0250	15.0	ND	107	70-130	0.156	26	
Surrogate: 4-Bromochlorobenzene-PID	8.03		8.00		100	70-130			



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/1/2025 3:24:14PM
---	---	--

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	---------------	--------------------	----------	-------------------	-------

Blank (2526076-BLK1)

Prepared: 06/24/25 Analyzed: 06/27/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.7	70-130			

LCS (2526076-BS2)

Prepared: 06/24/25 Analyzed: 06/27/25

Gasoline Range Organics (C6-C10)	46.1	20.0	50.0		92.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.8	70-130			

Matrix Spike (2526076-MS2)

Source: E506225-01

Prepared: 06/24/25 Analyzed: 06/27/25

Gasoline Range Organics (C6-C10)	46.0	20.0	50.0	ND	92.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.84		8.00		98.0	70-130			

Matrix Spike Dup (2526076-MSD2)

Source: E506225-01

Prepared: 06/24/25 Analyzed: 06/27/25

Gasoline Range Organics (C6-C10)	46.8	20.0	50.0	ND	93.6	70-130	1.77	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.81		8.00		97.6	70-130			



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/1/2025 3:24:14PM
---	---	--

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2526125-BLK1)

Prepared: 06/26/25 Analyzed: 06/29/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	50.2		50.0		100	61-141			

LCS (2526125-BS1)

Prepared: 06/26/25 Analyzed: 06/29/25

Diesel Range Organics (C10-C28)	269	25.0	250		108	66-144			
Surrogate: <i>n</i> -Nonane	50.0		50.0		100	61-141			

Matrix Spike (2526125-MS1)

Source: E506228-08

Prepared: 06/26/25 Analyzed: 06/29/25

Diesel Range Organics (C10-C28)	281	25.0	250	ND	112	56-156			
Surrogate: <i>n</i> -Nonane	52.1		50.0		104	61-141			

Matrix Spike Dup (2526125-MSD1)

Source: E506228-08

Prepared: 06/26/25 Analyzed: 06/29/25

Diesel Range Organics (C10-C28)	276	25.0	250	ND	110	56-156	1.92	20	
Surrogate: <i>n</i> -Nonane	50.8		50.0		102	61-141			



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/1/2025 3:24:14PM
---	---	--

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2527001-BLK1)

Prepared: 06/29/25 Analyzed: 06/29/25

Chloride ND 20.0

LCS (2527001-BS1)

Prepared: 06/29/25 Analyzed: 06/29/25

Chloride 248 20.0 250 99.3 90-110

Matrix Spike (2527001-MS1)

Source: E506228-02

Prepared: 06/29/25 Analyzed: 06/29/25

Chloride 270 20.0 250 ND 108 80-120

Matrix Spike Dup (2527001-MSD1)

Source: E506228-02

Prepared: 06/29/25 Analyzed: 06/29/25

Chloride 268 20.0 250 ND 107 80-120 0.563 20

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

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 07/01/25 15:24
---	---	------------------------------------

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.



Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Chevron				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Livestock Federal 2-9 Pad				Address: 3122 National Parks Hwy				E506228		23003-0002					X	X			
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: 575-988-0055															
City, State, Zip: Carlsbad NM, 88220				Email: agiovengo@ensolum.com															
Phone: 575-988-0055				Miscellaneous:															
Email: agiovengo@ensolum.com																			

Sample Information										Analysis and Method								EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	PCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
																		Y	or	N
																	Compliance			
																	PWSID #			
																	Sample Temp			Remarks
1226	23-25	s	1	SW03 - 0-2'			1								X		2.4			
1458		s	1	SW07 - 0-2'			2								X		0.8			
1309		s	1	SW08 - 0-2'			3								X		2.3			
1307		s	1	SW09 - 0-2'			4								X		1.0			
1300		s	1	SW10 - 0-2'			5								X		1.1			
1229		s	1	SW17 - 0-2'			6								X		1.3			
1504		s	1	SW24 - 0-2'			7								X		2.2			
1305		s	1	FS01 - 2'			8								X		1.7			
1303		s	1	FS02 - 2'			9								X		1.9			
1302		s	1	FS03 - 2'			10								X		1.0			

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Higinio Gonzalez						Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>[Signature]</i>	6-24-25		Michelle Gonzales	6-24-25	1030	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Michelle Gonzales	6-24-25	1320	Marissa Gonzalez	6-24-25	1320	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Marissa Gonzalez	6-24-25	1825	John J.	6-24-25	1825	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
John J.	6-24-25	2300	Carth Man	6-25-25	800	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Chevron				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Livestock Federal 2-9 Pad				Address: 3122 National Parks Hwy				E501228		23003-0002					X	X			
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: 575-988-0055															
City, State, Zip: Carlsbad NM, 88220				Email: agiovengo@ensolum.com															
Phone: 575-988-0055				Miscellaneous:															
Email: agiovengo@ensolum.com																			
Sample Information										Analysis and Method						EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
1258	6-23-25	s	1	FS04 - 2'		11								X					
1296	6-23-25	s	1	FS05 - 2'		12								X					
		s	1											X					
		s	1											X					
		s	1											X					
		s	1											X					
		s	1											X					
		s	1											X					
		s	1											X					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Higinio Gonzalez																			
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N							
				6-24-25		Michelle Gonzales				6-24-25	1030								
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time								
Michelle Gonzales				6-24-25	1320	Marissa Gonzalez				6-24-25	1320								
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time								
Marissa Gonzalez				6-24-25	1825	Leland M.				6-24-25	1825								
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time								
Leland M.				6-24-25	2300	Caitie Ma				6-25-25	800								
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time								
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 6/25/2025 9:24:28AM

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: Chevron Date Received: 06/25/25 08:00 Work Order ID: E506228
Phone: (505)326-2657 Date Logged In: 06/24/25 14:43 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 07/01/25 17:00 (4 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? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Comments/Resolution

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

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? Yes

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

Empty box for client instruction.

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Chevron

Project Name: Livestock Federal 2-9 Pad

Work Order: E506248

Job Number: 23003-0002

Received: 6/27/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/2/25

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: 7/2/25

Ashley Giovengo
322 Road 3100
Aztec, NM 87410

Project Name: Livestock Federal 2-9 Pad
Workorder: E506248
Date Received: 6/27/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/27/2025 7:00:00AM, under the Project Name: Livestock Federal 2-9 Pad.

The analytical test results summarized in this report with the Project Name: Livestock Federal 2-9 Pad 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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SW05- 0-2'	5
SW11- 0-2'	6
SW12- 0-2'	7
SW13- 0-2'	8
SW14- 0-2'	9
SW15- 0-2'	10
SW20- 0-2'	11
SW19- 0-2'	12
FS06-2'	13
FS07-2'	14
FS08-2'	15
FS15-2'	16
QC Summary Data	17
QC - Volatile Organics by EPA 8021B	17
QC - Nonhalogenated Organics by EPA 8015D - GRO	18
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	19
QC - Anions by EPA 300.0/9056A	20
Definitions and Notes	21
Chain of Custody etc.	22

Sample Summary

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 07/02/25 15:03
---	---	------------------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW05- 0-2'	E506248-01A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
SW11- 0-2'	E506248-02A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
SW12- 0-2'	E506248-03A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
SW13- 0-2'	E506248-04A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
SW14- 0-2'	E506248-05A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
SW15- 0-2'	E506248-06A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
SW20- 0-2'	E506248-07A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
SW19- 0-2'	E506248-08A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
FS06-2'	E506248-09A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
FS07-2'	E506248-10A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
FS08-2'	E506248-11A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
FS15-2'	E506248-12A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.

Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/2/2025 3:03:09PM
---	---	--

SW05- 0-2'
E506248-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2526140
Benzene	ND	0.0250	1	06/27/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/28/25	
Toluene	ND	0.0250	1	06/27/25	06/28/25	
o-Xylene	ND	0.0250	1	06/27/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		93.5 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2526140
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		84.1 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2527032
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
<i>Surrogate: n-Nonane</i>						
		117 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2527014
Chloride	43.8	20.0	1	06/30/25	06/30/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/2/2025 3:03:09PM
---	---	--

SW11- 0-2'

E506248-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2526140
Benzene	ND	0.0250	1	06/27/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/28/25	
Toluene	ND	0.0250	1	06/27/25	06/28/25	
o-Xylene	ND	0.0250	1	06/27/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.9 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2526140
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.8 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2527032
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
<i>Surrogate: n-Nonane</i>		109 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2527014
Chloride	ND	20.0	1	06/30/25	06/30/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/2/2025 3:03:09PM
---	---	--

SW12- 0-2'

E506248-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2526140
Benzene	ND	0.0250	1	06/27/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/28/25	
Toluene	ND	0.0250	1	06/27/25	06/28/25	
o-Xylene	ND	0.0250	1	06/27/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.3 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2526140
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.9 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2527032
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2527014
Chloride	ND	20.0	1	06/30/25	06/30/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/2/2025 3:03:09PM
---	---	--

SW13- 0-2'

E506248-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2526140
Benzene	ND	0.0250	1	06/27/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/28/25	
Toluene	ND	0.0250	1	06/27/25	06/28/25	
o-Xylene	ND	0.0250	1	06/27/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.1 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2526140
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		83.7 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2527032
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
<i>Surrogate: n-Nonane</i>		110 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2527014
Chloride	118	20.0	1	06/30/25	06/30/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/2/2025 3:03:09PM
---	---	--

SW14- 0-2'

E506248-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2526140
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.5 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2526140
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		83.4 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2527032
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
<i>Surrogate: n-Nonane</i>		123 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2527014
Chloride	34.0	20.0	1	06/30/25	06/30/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/2/2025 3:03:09PM
---	---	--

SW15- 0-2'

E506248-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2526140
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.2 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2526140
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.1 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2527032
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
<i>Surrogate: n-Nonane</i>		120 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2527014
Chloride	136	20.0	1	06/30/25	06/30/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/2/2025 3:03:09PM
---	---	--

SW20- 0-2'

E506248-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2526140
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.5 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2526140
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.4 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2527032
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2527014
Chloride	256	20.0	1	06/30/25	06/30/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/2/2025 3:03:09PM
---	---	--

SW19- 0-2'

E506248-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2526140
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.3 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2526140
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.3 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2527032
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
<i>Surrogate: n-Nonane</i>		109 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2527014
Chloride	ND	20.0	1	06/30/25	06/30/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/2/2025 3:03:09PM
---	---	--

FS06-2'

E506248-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2526140
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.8 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2526140
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.4 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2527032
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2527014
Chloride	79.6	20.0	1	06/30/25	06/30/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/2/2025 3:03:09PM
---	---	--

FS07-2'

E506248-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2526140
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.7 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2526140
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.7 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2527032
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
<i>Surrogate: n-Nonane</i>						
		110 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2527014
Chloride	169	20.0	1	06/30/25	06/30/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/2/2025 3:03:09PM
---	---	--

FS08-2'

E506248-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2526140
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.8 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2526140
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.9 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2527032
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
<i>Surrogate: n-Nonane</i>		108 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2527014
Chloride	91.4	20.0	1	06/30/25	06/30/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/2/2025 3:03:09PM
---	---	--

FS15-2'

E506248-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2526140
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.0 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2526140
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.9 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2527032
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2527014
Chloride	68.9	20.0	1	06/30/25	06/30/25	



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/2/2025 3:03:09PM
---	---	--

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2526140-BLK1)

Prepared: 06/27/25 Analyzed: 06/28/25

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	7.69		8.00		96.2	70-130			

LCS (2526140-BS1)

Prepared: 06/27/25 Analyzed: 06/28/25

Benzene	4.80	0.0250	5.00		95.9	70-130			
Ethylbenzene	4.69	0.0250	5.00		93.7	70-130			
Toluene	4.75	0.0250	5.00		95.1	70-130			
o-Xylene	4.73	0.0250	5.00		94.6	70-130			
p,m-Xylene	9.41	0.0500	10.0		94.1	70-130			
Total Xylenes	14.1	0.0250	15.0		94.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.85		8.00		98.1	70-130			

Matrix Spike (2526140-MS1)

Source: E506248-04

Prepared: 06/27/25 Analyzed: 06/28/25

Benzene	5.07	0.0250	5.00	ND	101	70-130			
Ethylbenzene	4.97	0.0250	5.00	ND	99.3	70-130			
Toluene	5.03	0.0250	5.00	ND	101	70-130			
o-Xylene	5.01	0.0250	5.00	ND	100	70-130			
p,m-Xylene	9.96	0.0500	10.0	ND	99.6	70-130			
Total Xylenes	15.0	0.0250	15.0	ND	99.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.81		8.00		97.6	70-130			

Matrix Spike Dup (2526140-MSD1)

Source: E506248-04

Prepared: 06/27/25 Analyzed: 06/28/25

Benzene	4.89	0.0250	5.00	ND	97.8	70-130	3.65	27	
Ethylbenzene	4.84	0.0250	5.00	ND	96.8	70-130	2.60	26	
Toluene	4.86	0.0250	5.00	ND	97.2	70-130	3.43	20	
o-Xylene	4.85	0.0250	5.00	ND	97.0	70-130	3.17	25	
p,m-Xylene	9.72	0.0500	10.0	ND	97.2	70-130	2.51	23	
Total Xylenes	14.6	0.0250	15.0	ND	97.1	70-130	2.73	26	
Surrogate: 4-Bromochlorobenzene-PID	7.47		8.00		93.3	70-130			



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/2/2025 3:03:09PM
---	---	--

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	---------------	--------------------	----------	-------------------	-------

Blank (2526140-BLK1)

Prepared: 06/27/25 Analyzed: 06/28/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.78		8.00		84.7	70-130			

LCS (2526140-BS2)

Prepared: 06/27/25 Analyzed: 06/28/25

Gasoline Range Organics (C6-C10)	41.7	20.0	50.0		83.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.79		8.00		84.9	70-130			

Matrix Spike (2526140-MS2)

Source: E506248-04

Prepared: 06/27/25 Analyzed: 06/28/25

Gasoline Range Organics (C6-C10)	43.1	20.0	50.0	ND	86.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.75		8.00		84.4	70-130			

Matrix Spike Dup (2526140-MSD2)

Source: E506248-04

Prepared: 06/27/25 Analyzed: 06/28/25

Gasoline Range Organics (C6-C10)	47.1	20.0	50.0	ND	94.2	70-130	8.98	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.64		8.00		83.0	70-130			



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/2/2025 3:03:09PM
---	---	--

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2527032-BLK1)

Prepared: 06/30/25 Analyzed: 07/01/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.0		50.0		98.0	61-141			

LCS (2527032-BS1)

Prepared: 06/30/25 Analyzed: 07/01/25

Diesel Range Organics (C10-C28)	267	25.0	250		107	66-144			
Surrogate: n-Nonane	50.4		50.0		101	61-141			

Matrix Spike (2527032-MS1)

Source: E506248-09

Prepared: 06/30/25 Analyzed: 07/01/25

Diesel Range Organics (C10-C28)	282	25.0	250	ND	113	56-156			
Surrogate: n-Nonane	51.5		50.0		103	61-141			

Matrix Spike Dup (2527032-MSD1)

Source: E506248-09

Prepared: 06/30/25 Analyzed: 07/01/25

Diesel Range Organics (C10-C28)	285	25.0	250	ND	114	56-156	1.10	20	
Surrogate: n-Nonane	52.6		50.0		105	61-141			



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/2/2025 3:03:09PM
---	---	--

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2527014-BLK1)

Prepared: 06/30/25 Analyzed: 06/30/25

Chloride	ND	20.0							
----------	----	------	--	--	--	--	--	--	--

LCS (2527014-BS1)

Prepared: 06/30/25 Analyzed: 06/30/25

Chloride	249	20.0	250		99.7	90-110			
----------	-----	------	-----	--	------	--------	--	--	--

Matrix Spike (2527014-MS1)

Source: E506248-03

Prepared: 06/30/25 Analyzed: 06/30/25

Chloride	267	20.0	250	ND	107	80-120			
----------	-----	------	-----	----	-----	--------	--	--	--

Matrix Spike Dup (2527014-MSD1)

Source: E506248-03

Prepared: 06/30/25 Analyzed: 06/30/25

Chloride	266	20.0	250	ND	106	80-120	0.185	20	
----------	-----	------	-----	----	-----	--------	-------	----	--

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

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 07/02/25 15:03
---	---	------------------------------------

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.



Released to Imaging: 2/26/2026 4:03:49 PM

Received by OCD: 2/3/2026 12:46:18 PM

Client Information				Invoice Information				Lab Use Only				TAT		State						
Client: Chevron				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX	
Project Name: Livestock Federal 2-9 Pad				Address: 3122 National Parks Hwy				E500248		2303-002					X	X				
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220																
Address: 3122 National Parks Hwy				Phone: 575-988-0055																
City, State, Zip: Carlsbad NM, 88220				Email: agiovengo@ensolum.com																
Phone: 575-988-0055				Miscellaneous:																
Email: agiovengo@ensolum.com																				
Sample Information										Analysis and Method						EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
0946	06-24-25	s	1	SW05-0-2'			1								X					
0949		s	1	SW11-0-2'			2								X					
0951		s	1	SW12-0-2'			3								X					
0936		s	1	SW13-0-2'			4								X					
0931		s	1	SW14-0-2'			5								X					
0934		s	1	SW15-0-2'			6								X					
1458		s	1	SW20-0-2'			7								X					
1537		s	1	SW19-0-2'			8								X					
0943		s	1	FS06-2'			9								X					
0940		s	1	FS07-2'			10								X					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																				
Sampled by: Higinio Gonzalez																				
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: Y/N												
<i>[Signature]</i>		06-25-25		Michelle Gonzalez		6-25-25	1315													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time													
<i>[Signature]</i>		6-26-25	1620	<i>[Signature]</i>		6-26-25	1620													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time													
<i>[Signature]</i>		6-26-25	2300	Cathy Mann		6-27-25	700													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time													
<i>[Signature]</i>				<i>[Signature]</i>																
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				

Page 200 of 255

Released to Imaging: 2/26/2026 4:03:49 PM

Received by OCD: 2/3/2026 12:46:18 PM

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Chevron				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Livestock Federal 2-9 Pad				Address: 3122 National Parks Hwy				E566248		23003-0007					X	X			
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: 575-988-0055															
City, State, Zip: Carlsbad NM, 88220				Email: agiovengo@ensolum.com															
Phone: 575-988-0055				Miscellaneous:															
Email: agiovengo@ensolum.com																			
Sample Information										Analysis and Method						EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
093006-25-25	06-25-25	S	1	FS08-2'		11								X					
145506-25-25	06-25-25	S	1	FS15-2'		12								X					
		S	1											X					
		S	1											X					
		S	1											X					
		S	1											X					
		S	1											X					
		S	1											X					
		S	1											X					
		S	1											X					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Higinio Gonzalez																			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N											
<i>[Signature]</i>		06-25-25		<i>Michelle Gonzalez</i>		6-25-25	1315												
<i>Michelle Gonzalez</i>		6-26-25	1620	<i>[Signature]</i>		6-26-25	1620												
<i>A. M.</i>		6-26-25	2300	<i>Carly Mar</i>		6-27-25	700												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Page 201 of 255

Envirotech Analytical Laboratory

Printed: 6/27/2025 12:26:15PM

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: Chevron	Date Received: 06/27/25 07:00	Work Order ID: E506248
Phone: (505)326-2657	Date Logged In: 06/26/25 13:52	Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com	Due Date: 07/02/25 17:00 (3 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? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Comments/Resolution

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

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? Yes

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.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Chevron

Project Name: Livestock Federal 2-9 Pad

Work Order: E506267

Job Number: 23003-0002

Received: 6/27/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/3/25

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: 7/3/25

Ashley Giovengo
322 Road 3100
Aztec, NM 87410

Project Name: Livestock Federal 2-9 Pad
Workorder: E506267
Date Received: 6/27/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/27/2025 7:00:00AM, under the Project Name: Livestock Federal 2-9 Pad.

The analytical test results summarized in this report with the Project Name: Livestock Federal 2-9 Pad 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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SW04- 0-2'	5
SW06- 0-2'	6
SW16- 0-2'	7
SW18- 0-2'	8
SW21- 0-2'	9
SW22- 0-2'	10
SW23- 0-2'	11
FS09-2'	12
FS10-2'	13
FS16-2'	14
FS17-2'	15
QC Summary Data	16
QC - Volatile Organics by EPA 8021B	16
QC - Nonhalogenated Organics by EPA 8015D - GRO	17
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	18
QC - Anions by EPA 300.0/9056A	19
Definitions and Notes	20
Chain of Custody etc.	21

Sample Summary

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 07/03/25 12:18
---	---	------------------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW04- 0-2'	E506267-01A	Soil	06/25/25	06/27/25	Glass Jar, 2 oz.
SW06- 0-2'	E506267-02A	Soil	06/25/25	06/27/25	Glass Jar, 2 oz.
SW16- 0-2'	E506267-03A	Soil	06/25/25	06/27/25	Glass Jar, 2 oz.
SW18- 0-2'	E506267-04A	Soil	06/25/25	06/27/25	Glass Jar, 2 oz.
SW21- 0-2'	E506267-05A	Soil	06/25/25	06/27/25	Glass Jar, 2 oz.
SW22- 0-2'	E506267-06A	Soil	06/25/25	06/27/25	Glass Jar, 2 oz.
SW23- 0-2'	E506267-07A	Soil	06/25/25	06/27/25	Glass Jar, 2 oz.
FS09-2'	E506267-08A	Soil	06/25/25	06/27/25	Glass Jar, 2 oz.
FS10-2'	E506267-09A	Soil	06/25/25	06/27/25	Glass Jar, 2 oz.
FS16-2'	E506267-10A	Soil	06/25/25	06/27/25	Glass Jar, 2 oz.
FS17-2'	E506267-11A	Soil	06/25/25	06/27/25	Glass Jar, 2 oz.

Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/3/2025 12:18:49PM
---	---	---

SW04- 0-2'
E506267-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Benzene	ND	0.0250	1	06/27/25	06/30/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/30/25	
Toluene	ND	0.0250	1	06/27/25	06/30/25	
o-Xylene	ND	0.0250	1	06/27/25	06/30/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/30/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		86.6 %	70-130	06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.9 %	70-130	06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2527039
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/02/25	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	06/30/25	07/02/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2527046
Chloride	23.5	20.0	1	07/01/25	07/01/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/3/2025 12:18:49PM
---	---	---

SW06- 0-2'
E506267-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Benzene	ND	0.0250	1	06/27/25	06/30/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/30/25	
Toluene	ND	0.0250	1	06/27/25	06/30/25	
o-Xylene	ND	0.0250	1	06/27/25	06/30/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/30/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		87.2 %	70-130	06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.1 %	70-130	06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2527039
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/02/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	06/30/25	07/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2527046
Chloride	40.0	20.0	1	07/01/25	07/01/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/3/2025 12:18:49PM
---	---	---

SW16- 0-2'

E506267-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Benzene	ND	0.0250	1	06/27/25	06/30/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/30/25	
Toluene	ND	0.0250	1	06/27/25	06/30/25	
o-Xylene	ND	0.0250	1	06/27/25	06/30/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/30/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		87.7 %	70-130	06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.8 %	70-130	06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2527039
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/02/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	06/30/25	07/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2527046
Chloride	ND	20.0	1	07/01/25	07/01/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/3/2025 12:18:49PM
---	---	---

SW18- 0-2'

E506267-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Benzene	ND	0.0250	1	06/27/25	06/30/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/30/25	
Toluene	ND	0.0250	1	06/27/25	06/30/25	
o-Xylene	ND	0.0250	1	06/27/25	06/30/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/30/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		86.4 %	70-130	06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.8 %	70-130	06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2527039
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/03/25	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	06/30/25	07/03/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2527046
Chloride	ND	20.0	1	07/01/25	07/01/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/3/2025 12:18:49PM
---	---	---

SW21- 0-2'

E506267-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Benzene	ND	0.0250	1	06/27/25	06/30/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/30/25	
Toluene	ND	0.0250	1	06/27/25	06/30/25	
o-Xylene	ND	0.0250	1	06/27/25	06/30/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/30/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		87.2 %	70-130	06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.2 %	70-130	06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2527039
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/03/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	06/30/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2527046
Chloride	41.3	20.0	1	07/01/25	07/01/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/3/2025 12:18:49PM
---	---	---

SW22- 0-2'

E506267-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Benzene	ND	0.0250	1	06/27/25	06/30/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/30/25	
Toluene	ND	0.0250	1	06/27/25	06/30/25	
o-Xylene	ND	0.0250	1	06/27/25	06/30/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/30/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		87.7 %	70-130	06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.8 %	70-130	06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2527039
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/03/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	06/30/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2527046
Chloride	40.5	20.0	1	07/01/25	07/01/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/3/2025 12:18:49PM
---	---	---

SW23- 0-2'

E506267-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Benzene	ND	0.0250	1	06/27/25	06/30/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/30/25	
Toluene	ND	0.0250	1	06/27/25	06/30/25	
o-Xylene	ND	0.0250	1	06/27/25	06/30/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/30/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		85.5 %	70-130	06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.6 %	70-130	06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2527039
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/03/25	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	06/30/25	07/03/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2527046
Chloride	159	20.0	1	07/01/25	07/01/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/3/2025 12:18:49PM
---	---	---

FS09-2'

E506267-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Benzene	ND	0.0250	1	06/27/25	06/30/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/30/25	
Toluene	ND	0.0250	1	06/27/25	06/30/25	
o-Xylene	ND	0.0250	1	06/27/25	06/30/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/30/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		86.2 %	70-130	06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.9 %	70-130	06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2527039
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/03/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	06/30/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2527046
Chloride	20.5	20.0	1	07/01/25	07/01/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/3/2025 12:18:49PM
---	---	---

FS10-2'

E506267-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Benzene	ND	0.0250	1	06/27/25	06/30/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/30/25	
Toluene	ND	0.0250	1	06/27/25	06/30/25	
o-Xylene	ND	0.0250	1	06/27/25	06/30/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/30/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		85.6 %	70-130	06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.8 %	70-130	06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2527039
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/03/25	
<i>Surrogate: n-Nonane</i>		108 %	61-141	06/30/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2527046
Chloride	160	20.0	1	07/01/25	07/01/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/3/2025 12:18:49PM
---	---	---

FS16-2'

E506267-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Benzene	ND	0.0250	1	06/27/25	06/30/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/30/25	
Toluene	ND	0.0250	1	06/27/25	06/30/25	
o-Xylene	ND	0.0250	1	06/27/25	06/30/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/30/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		87.6 %	70-130	06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.6 %	70-130	06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2527039
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/03/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	06/30/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2527046
Chloride	20.0	20.0	1	07/01/25	07/01/25	



Sample Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/3/2025 12:18:49PM
---	---	---

FS17-2'

E506267-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Benzene	ND	0.0250	1	06/27/25	06/30/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/30/25	
Toluene	ND	0.0250	1	06/27/25	06/30/25	
o-Xylene	ND	0.0250	1	06/27/25	06/30/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/30/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		86.0 %	70-130	06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.0 %	70-130	06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2527039
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/03/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	06/30/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2527046
Chloride	46.4	20.0	1	07/01/25	07/01/25	



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/3/2025 12:18:49PM
---	---	---

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2526152-BLK1)

Prepared: 06/27/25 Analyzed: 06/30/25

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	6.82		8.00		85.2	70-130			

LCS (2526152-BS1)

Prepared: 06/27/25 Analyzed: 06/30/25

Benzene	4.78	0.0250	5.00		95.6	70-130			
Ethylbenzene	4.84	0.0250	5.00		96.8	70-130			
Toluene	4.85	0.0250	5.00		97.1	70-130			
o-Xylene	4.84	0.0250	5.00		96.8	70-130			
p,m-Xylene	9.81	0.0500	10.0		98.1	70-130			
Total Xylenes	14.6	0.0250	15.0		97.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.89		8.00		86.1	70-130			

Matrix Spike (2526152-MS1)

Source: E506267-01

Prepared: 06/27/25 Analyzed: 06/30/25

Benzene	5.28	0.0250	5.00	ND	106	70-130			
Ethylbenzene	5.28	0.0250	5.00	ND	106	70-130			
Toluene	5.32	0.0250	5.00	ND	106	70-130			
o-Xylene	5.26	0.0250	5.00	ND	105	70-130			
p,m-Xylene	10.7	0.0500	10.0	ND	107	70-130			
Total Xylenes	15.9	0.0250	15.0	ND	106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.72		8.00		84.0	70-130			

Matrix Spike Dup (2526152-MSD1)

Source: E506267-01

Prepared: 06/27/25 Analyzed: 06/30/25

Benzene	4.82	0.0250	5.00	ND	96.5	70-130	9.01	27	
Ethylbenzene	4.86	0.0250	5.00	ND	97.3	70-130	8.21	26	
Toluene	4.87	0.0250	5.00	ND	97.5	70-130	8.80	20	
o-Xylene	4.81	0.0250	5.00	ND	96.1	70-130	9.12	25	
p,m-Xylene	9.83	0.0500	10.0	ND	98.3	70-130	8.11	23	
Total Xylenes	14.6	0.0250	15.0	ND	97.6	70-130	8.44	26	
Surrogate: 4-Bromochlorobenzene-PID	6.81		8.00		85.1	70-130			



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/3/2025 12:18:49PM
---	---	---

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	---------------	--------------------	----------	-------------------	-------

Blank (2526152-BLK1)

Prepared: 06/27/25 Analyzed: 06/30/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.22		8.00		90.2	70-130			

LCS (2526152-BS2)

Prepared: 06/27/25 Analyzed: 06/30/25

Gasoline Range Organics (C6-C10)	37.4	20.0	50.0		74.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.8	70-130			

Matrix Spike (2526152-MS2)

Source: E506267-01

Prepared: 06/27/25 Analyzed: 06/30/25

Gasoline Range Organics (C6-C10)	38.1	20.0	50.0	ND	76.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.0	70-130			

Matrix Spike Dup (2526152-MSD2)

Source: E506267-01

Prepared: 06/27/25 Analyzed: 06/30/25

Gasoline Range Organics (C6-C10)	43.9	20.0	50.0	ND	87.9	70-130	14.1	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.6	70-130			



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/3/2025 12:18:49PM
---	---	---

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2527039-BLK1)

Prepared: 06/30/25 Analyzed: 07/02/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.4		50.0		98.8	61-141			

LCS (2527039-BS1)

Prepared: 06/30/25 Analyzed: 07/02/25

Diesel Range Organics (C10-C28)	238	25.0	250		95.2	66-144			
Surrogate: n-Nonane	50.8		50.0		102	61-141			

Matrix Spike (2527039-MS1)

Source: E506267-06

Prepared: 06/30/25 Analyzed: 07/02/25

Diesel Range Organics (C10-C28)	257	25.0	250	ND	103	56-156			
Surrogate: n-Nonane	53.9		50.0		108	61-141			

Matrix Spike Dup (2527039-MSD1)

Source: E506267-06

Prepared: 06/30/25 Analyzed: 07/02/25

Diesel Range Organics (C10-C28)	245	25.0	250	ND	97.9	56-156	5.01	20	
Surrogate: n-Nonane	52.0		50.0		104	61-141			



QC Summary Data

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/3/2025 12:18:49PM
---	---	---

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2527046-BLK1)

Prepared: 07/01/25 Analyzed: 07/01/25

Chloride	ND	20.0							
----------	----	------	--	--	--	--	--	--	--

LCS (2527046-BS1)

Prepared: 07/01/25 Analyzed: 07/01/25

Chloride	254	20.0	250		102	90-110			
----------	-----	------	-----	--	-----	--------	--	--	--

Matrix Spike (2527046-MS1)

Source: E506267-07

Prepared: 07/01/25 Analyzed: 07/01/25

Chloride	436	20.0	250	159	111	80-120			
----------	-----	------	-----	-----	-----	--------	--	--	--

Matrix Spike Dup (2527046-MSD1)

Source: E506267-07

Prepared: 07/01/25 Analyzed: 07/01/25

Chloride	434	20.0	250	159	110	80-120	0.513	20	
----------	-----	------	-----	-----	-----	--------	-------	----	--

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

Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Livestock Federal 2-9 Pad Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 07/03/25 12:18
---	---	------------------------------------

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.



Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Chevron				Company: Ensolum LLC				Lab WO# E504267		Job Number 23003.000Z		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Livestock Federal 2-9 Pad				Address: 3122 National Parks Hwy												X			
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: 575-988-0055															
City, State, Zip: Carlsbad NM, 88220				Email: agiovengo@ensolum.com															
Phone: 575-988-0055				Miscellaneous:															
Email: agiovengo@ensolum.com																			

Sample Information										Analysis and Method								EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCCQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
																Compliance	Y	or	N	
																PWSID #				
																Sample Temp			Remarks	
1015	06-25-25	S	1	SW04 - 0-2'		1								X		3.0				
1017		S	1	SW06 - 0-2'		2								X		2.4				
1021		S	1	SW16 - 0-2'		3								X		2.6				
1355		S	1	SW18 - 0-2'		4								X		2.1				
1358		S	1	SW21 - 0-2'		5								X		1.8				
1400		S	1	SW22 - 0-2'		6								X		2.2				
1026		S	1	SW23 - 0-2'		7								X		3.1				
1026		S	1			.								X		2.8			CM	
1012		S	1	FS09 - 2'		78								X		2.8				
1010		S	1	FS10 - 2'		89								X		3.0			CM	

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Relinquished by: (Signature)						Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.
						06-26-25	1240	Michelle Gonzales		6-26-25	1240	
Relinquished by: (Signature)						Date	Time	Received by: (Signature)		Date	Time	
Michelle Gonzales						6-26-25	1620	J. M.		6-26-25	1620	
Relinquished by: (Signature)						Date	Time	Received by: (Signature)		Date	Time	
J. M.						6-26-25	2300	Caitlin Man		6-27-25	700	
Relinquished by: (Signature)						Date	Time	Received by: (Signature)		Date	Time	Lab Use Only
												Received on ice:
												(Y) N

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Client Information				Invoice Information				Lab Use Only				TAT				State					
Client: Chevron				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: Livestock Federal 2-9 Pad				Address: 3122 National Parks Hwy				E020267		2303002					X	X					
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220																	
Address: 3122 National Parks Hwy				Phone: 575-988-0055																	
City, State, Zip: Carlsbad NM, 88220				Email: agiovengo@ensolum.com																	
Phone: 575-988-0055				Miscellaneous:																	
Email: agiovengo@ensolum.com																					
Sample Information										Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA			
1348	6-25-25	s	1	FS16-2'		10								X							
1350	6-25-25	s	1	FS17-2'		11								X							
		s	1											X							
		s	1											X							
		s	1											X							
		s	1											X							
		s	1											X							
		s	1											X							
		s	1											X							
		s	1											X							
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																					
Sampled by: Higinio Gonzalez																					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: Y/N													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time														
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																					
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																					
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					

Envirotech Analytical Laboratory

Printed: 6/27/2025 12:46:39PM

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: Chevron Date Received: 06/27/25 07:00 Work Order ID: E506267
Phone: (505)326-2657 Date Logged In: 06/26/25 16:02 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 07/03/25 17:00 (4 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? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Comments/Resolution

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

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? Yes

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

Empty box for client instruction.

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

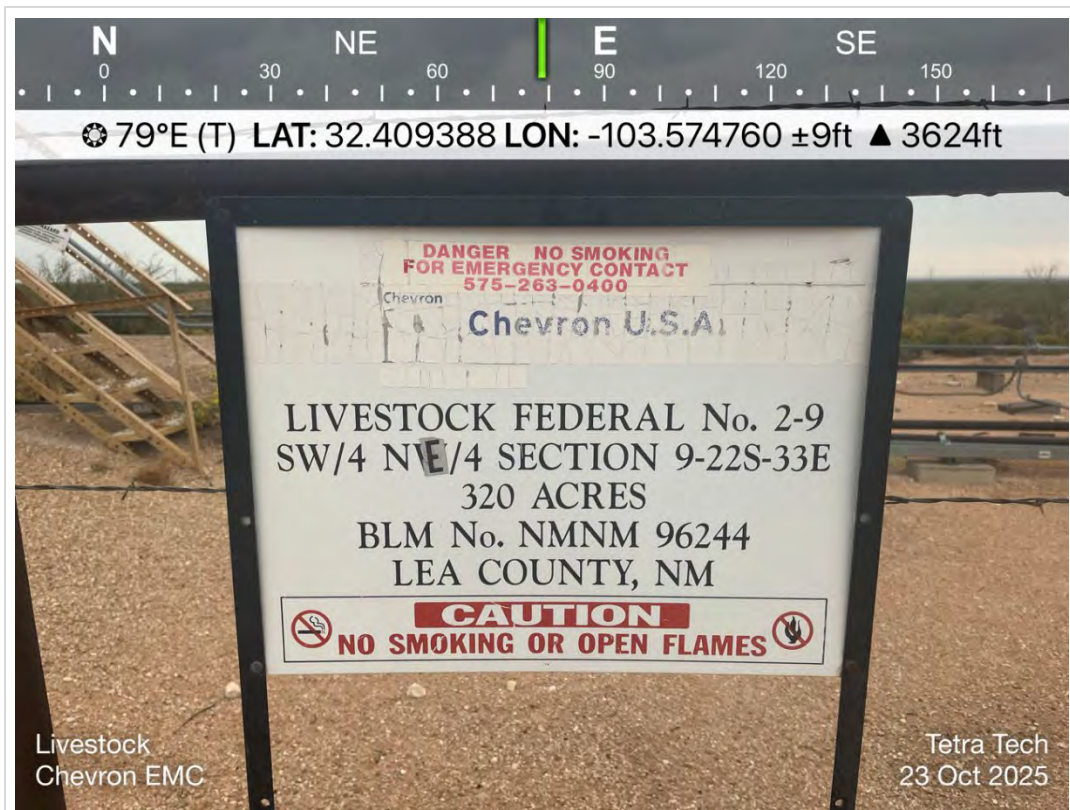
Date



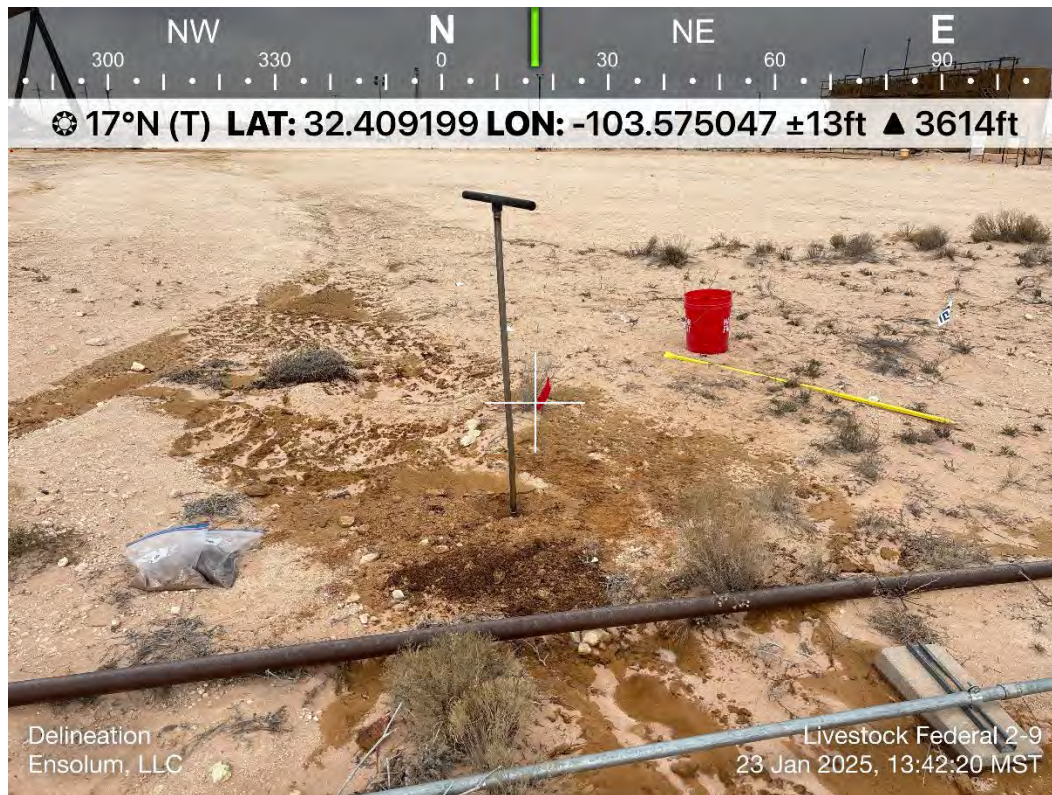
envirotech Inc.

APPENDIX D

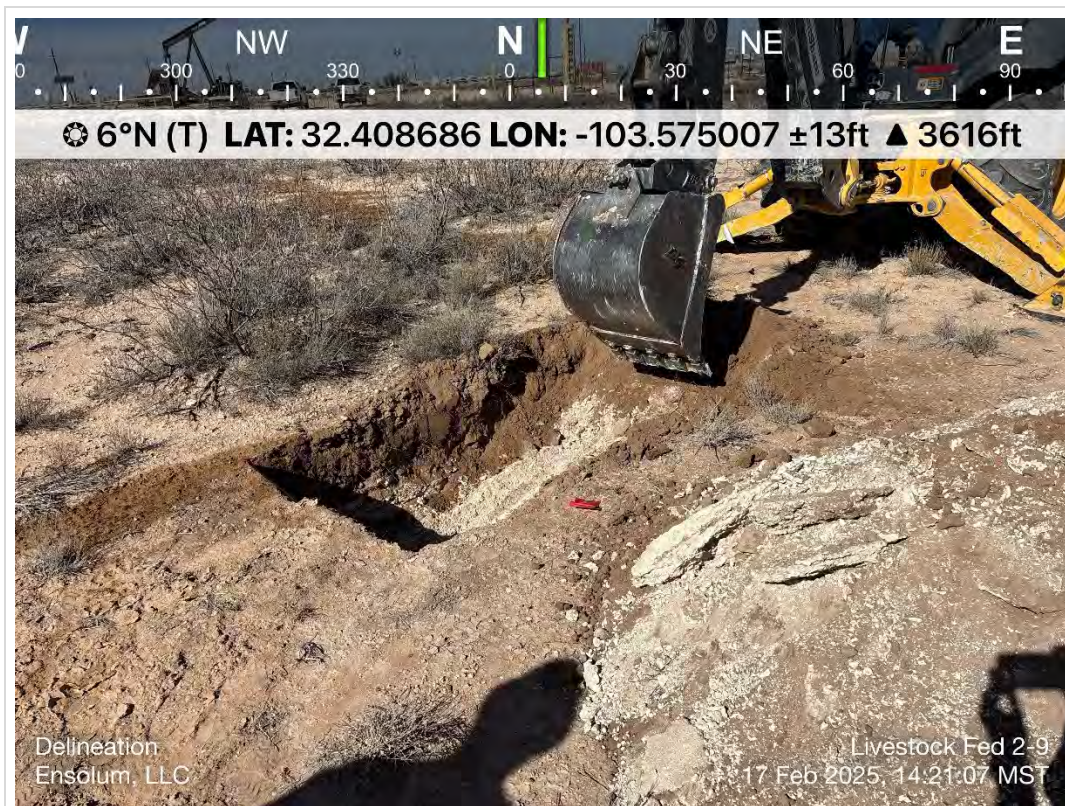
Photographic Documentation



TETRA TECH, INC. PROJECT NO. 212C-MD-03994	DESCRIPTION	View east. View of site signage	1
	SITE NAME	Livestock Federal 2-9 Pad	10/23/2025



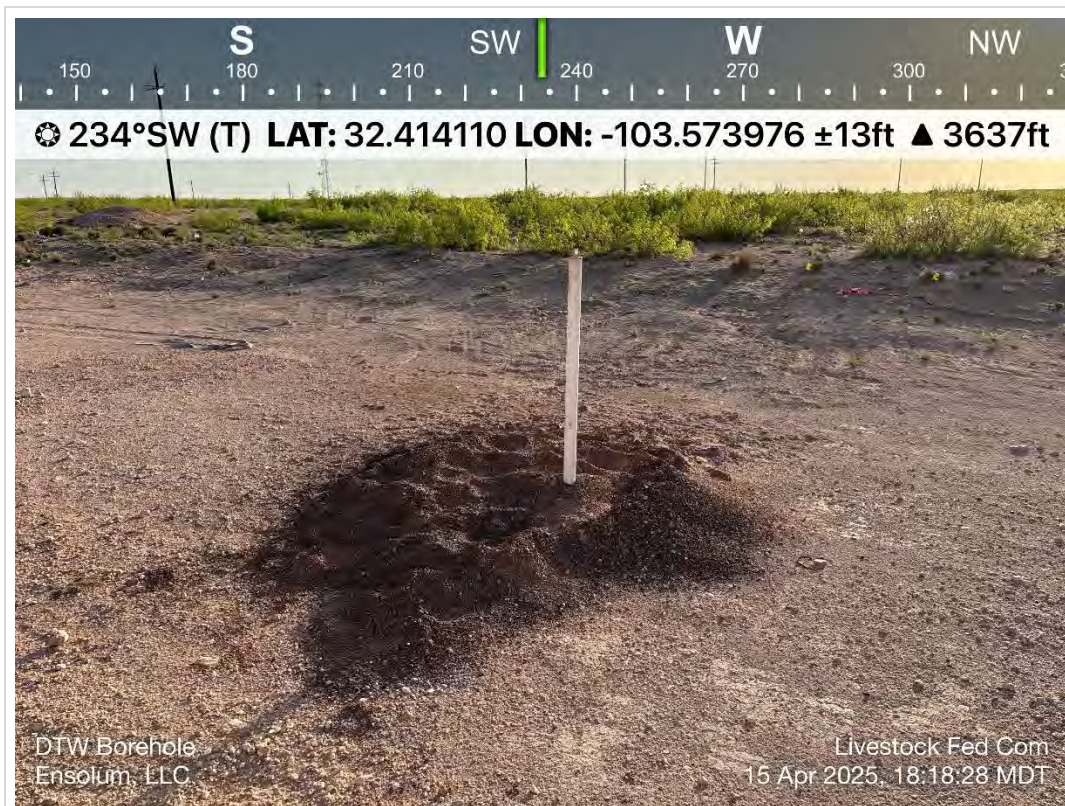
TETRA TECH, INC. PROJECT NO. 212C-MD-03994	DESCRIPTION	View north. View of delineation process.	2
	SITE NAME	Livestock Federal 2-9 Pad	1/23/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03994	DESCRIPTION	View north. View of delineation process.	1
	SITE NAME	Livestock Federal 2-9 Pad	2/17/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03994	DESCRIPTION	View south. View of delineation process.	3
	SITE NAME	Livestock Federal 2-9 Pad	2/17/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03994	DESCRIPTION	View southwest. View of DTW Borehole.	4
	SITE NAME	Livestock Federal 2-9 Pad	4/15/2025



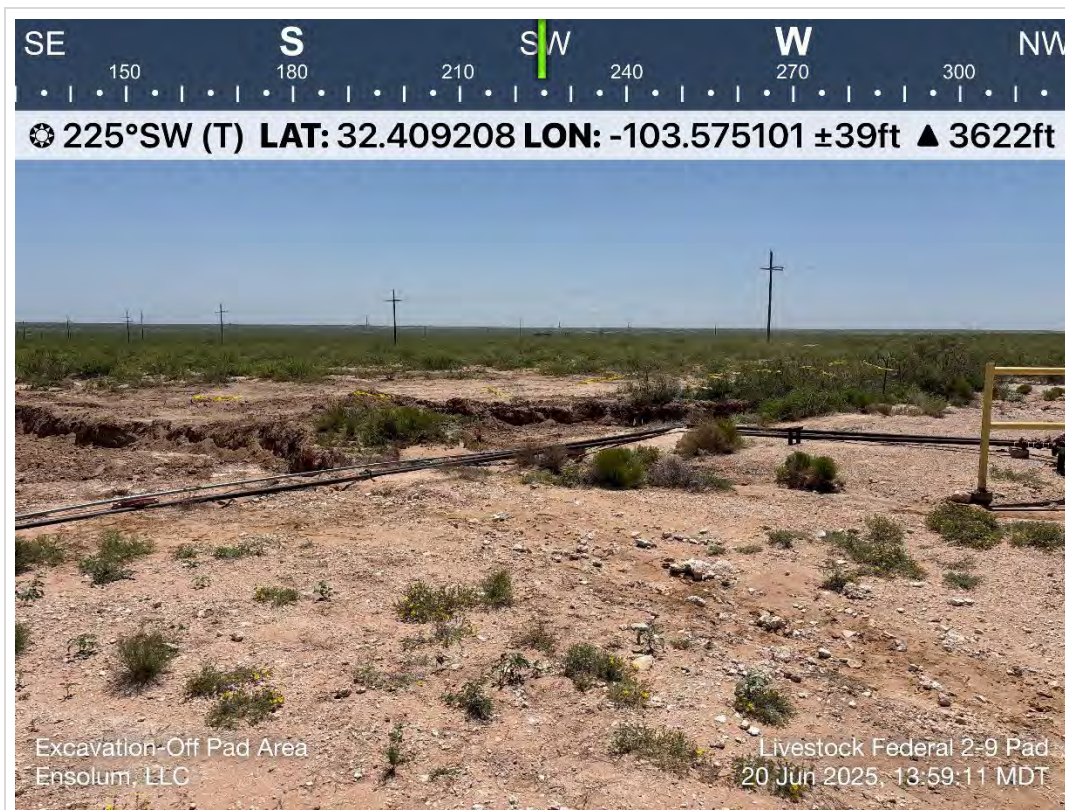
TETRA TECH, INC. PROJECT NO. 212C-MD-03994	DESCRIPTION	View southeast. View of completed remedial activities in the pasture.	5
	SITE NAME	Livestock Federal 2-9 Pad	6/20/2025



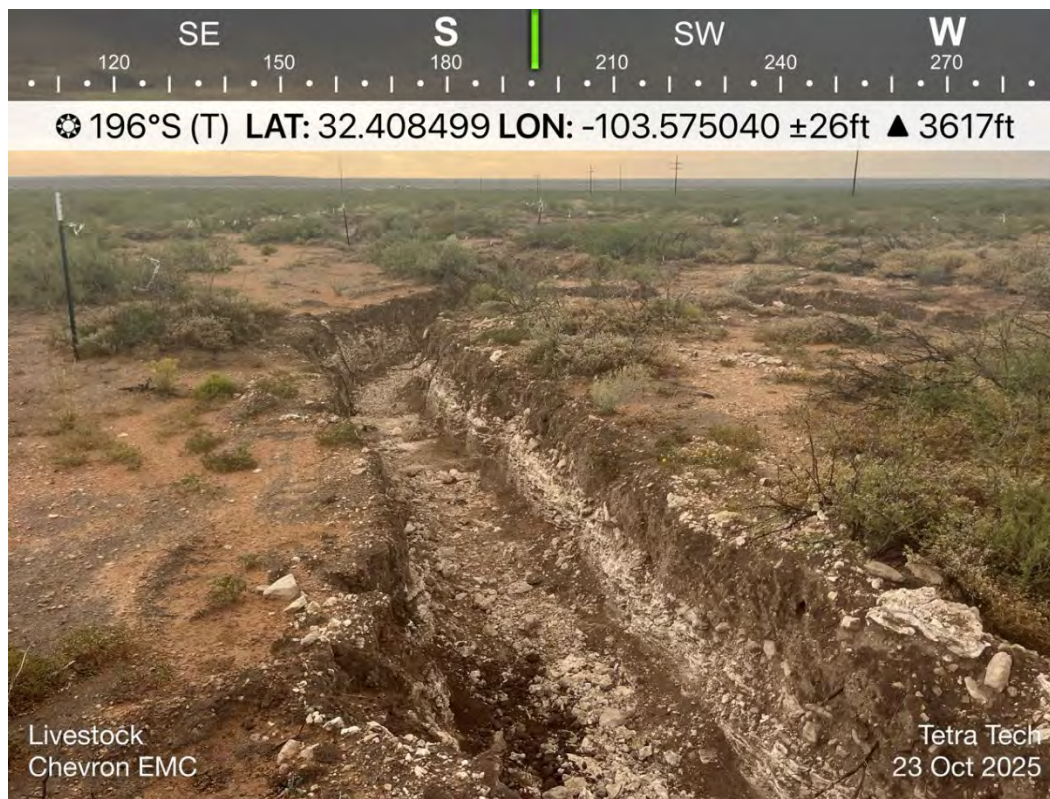
TETRA TECH, INC. PROJECT NO. 212C-MD-03994	DESCRIPTION	View south. View of excavation extent.	6
	SITE NAME	Livestock Federal 2-9 Pad	6/20/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03994	DESCRIPTION	View south. View of off pad area excavation.	7
	SITE NAME	Livestock Federal 2-9 Pad	6/20/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03994	DESCRIPTION	View southwest. View of excavation and exposed pipeline.	8
	SITE NAME	Livestock Federal 2-9 Pad	6/20/2025



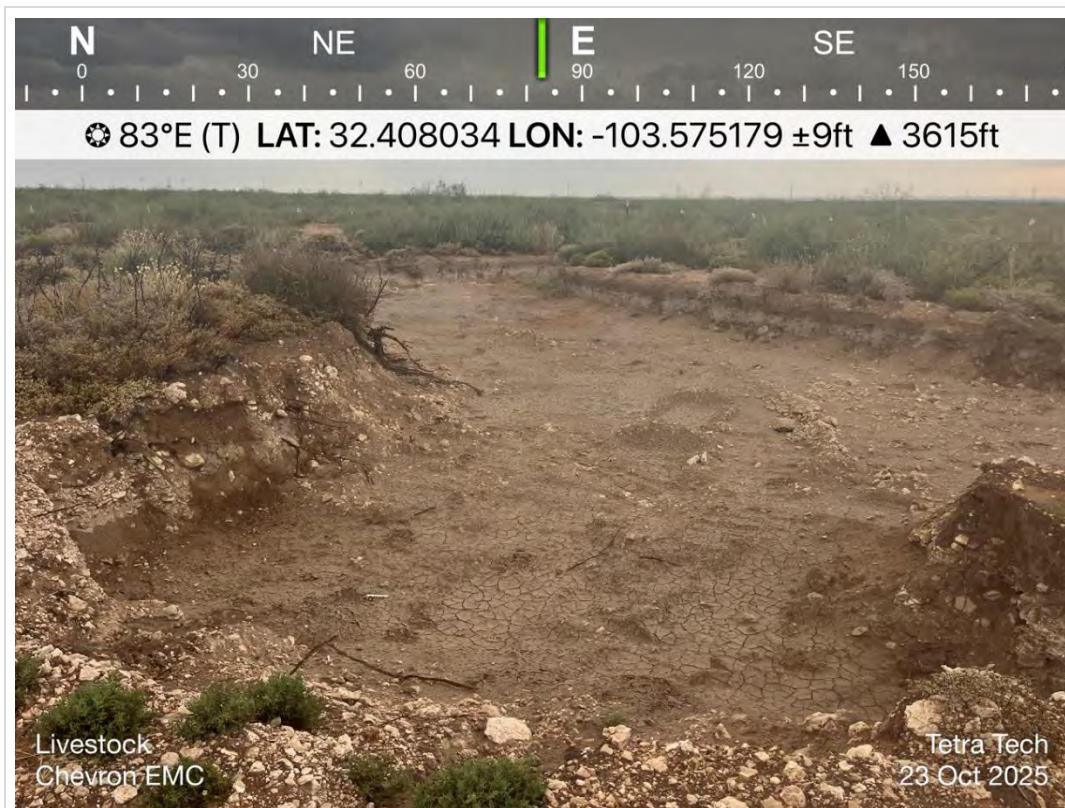
TETRA TECH, INC. PROJECT NO. 212C-MD-03994	DESCRIPTION	View south. View of completed remedial activities in the pasture.	9
	SITE NAME	Livestock Federal 2-9 Pad	10/23/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03994	DESCRIPTION	View south. View of off pad area excavation from the road	10
	SITE NAME	Livestock Federal 2-9 Pad	9/8/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-03994	DESCRIPTION	View northwest. View of completed remedial activities in the pasture.	11
	SITE NAME	Livestock Federal 2-9 Pad	10/23/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03994	DESCRIPTION	View east. View of completed remedial activities.	12
	SITE NAME	Livestock Federal 2-9 Pad	10/23/2025



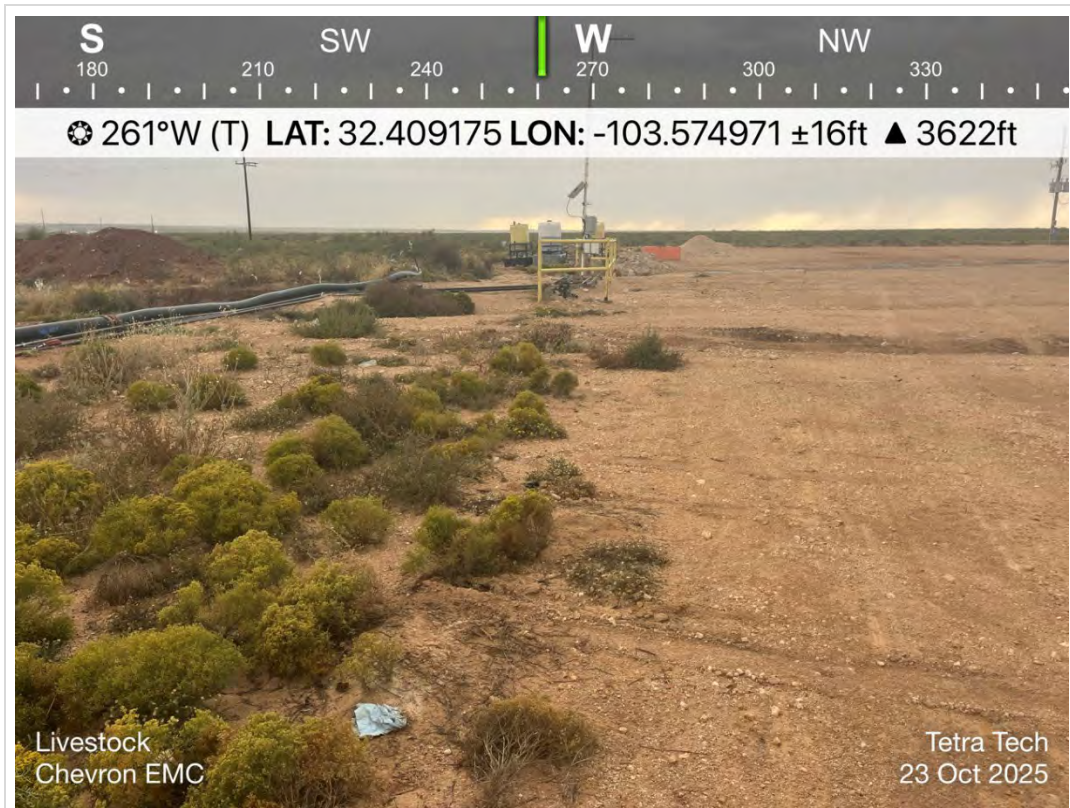
TETRA TECH, INC. PROJECT NO. 212C-MD-03994	DESCRIPTION	View south. View of excavation extent.	13
	SITE NAME	Livestock Federal 2-9 Pad	10/23/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03994	DESCRIPTION	View southeast. View of off pad area excavation	14
	SITE NAME	Livestock Federal 2-9 Pad	9/8/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-03994	DESCRIPTION	View east. View of excavation extent. View of surface polyline.	15
	SITE NAME	Livestock Federal 2-9 Pad	10/23/2025



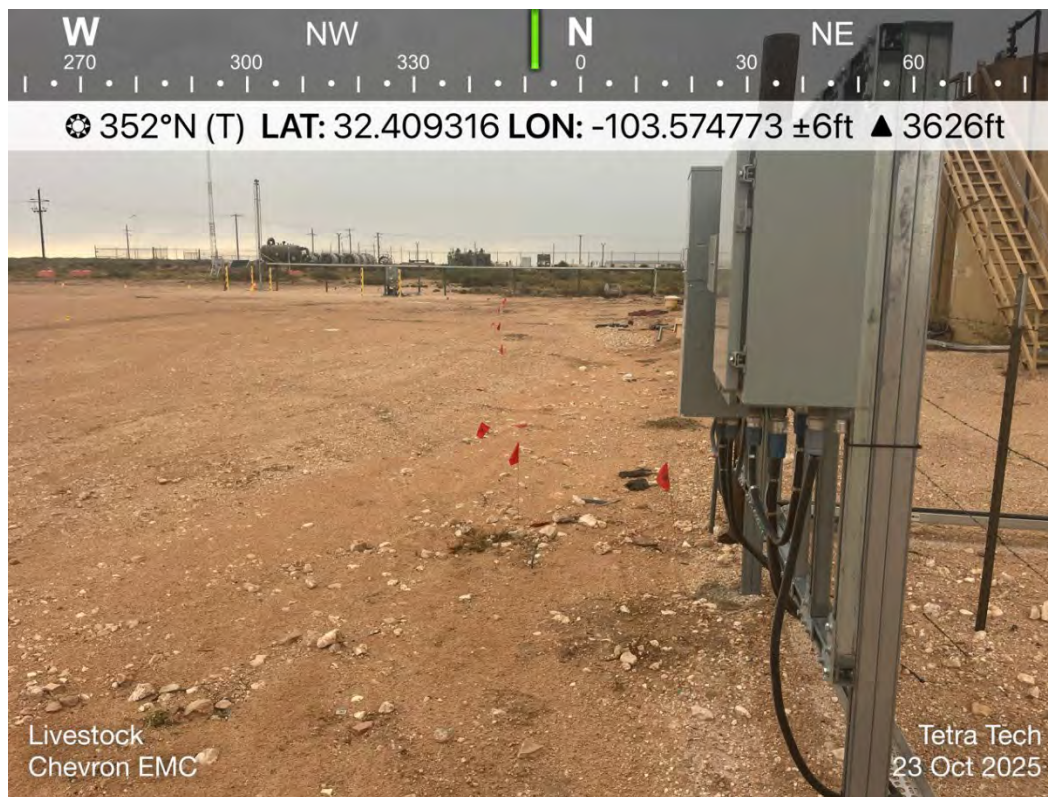
TETRA TECH, INC. PROJECT NO. 212C-MD-03994	DESCRIPTION	View west. View of pad area.	16
	SITE NAME	Livestock Federal 2-9 Pad	10/23/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03994	DESCRIPTION	View north. View of pad area and buried gas line.	17
	SITE NAME	Livestock Federal 2-9 Pad	10/23/2025



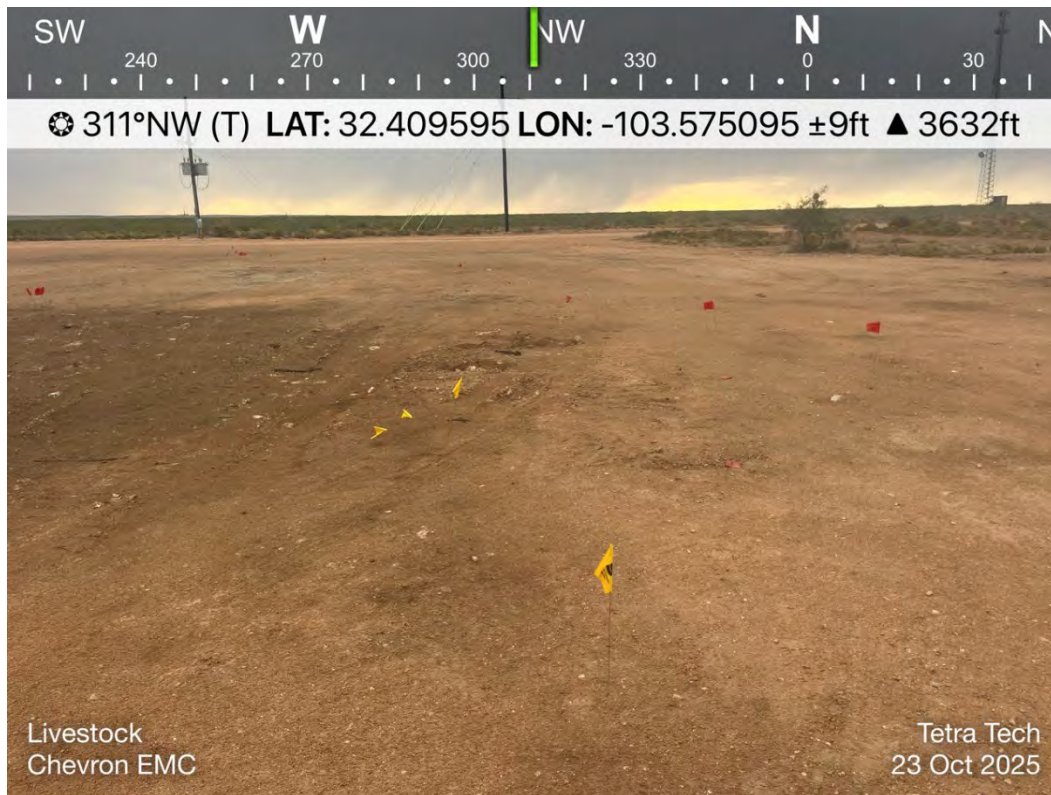
TETRA TECH, INC. PROJECT NO. 212C-MD-03994	DESCRIPTION	View east. View of pad area and buried gas line.	18
	SITE NAME	Livestock Federal 2-9 Pad	10/23/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03994	DESCRIPTION	View north. View of pad area, electrical box, and buried electrical line.	19
	SITE NAME	Livestock Federal 2-9 Pad	10/23/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03994	DESCRIPTION	View east. View of pad area and storage tanks.	20
	SITE NAME	Livestock Federal 2-9 Pad	10/23/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03994	DESCRIPTION	View northwest. View of pad area buried electrical and gas lines.	21
	SITE NAME	Livestock Federal 2-9 Pad	10/23/2025

APPENDIX E

Regulatory Correspondence

Ashley Giovengo

From: Barnhill, Amy <ABarnhill@chevron.com>
Sent: Tuesday, April 22, 2025 8:56 AM
To: Ashley Giovengo
Subject: FW: Extension Request - Chevron USA Inc. - Livestock Federal 2-9 Pad - Incident Number nAPP2436466571

[**EXTERNAL EMAIL**]

From: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>
Sent: Monday, April 21, 2025 4:52 PM
To: Barnhill, Amy <ABarnhill@chevron.com>
Subject: [**EXTERNAL**] RE: [EXTERNAL] FW: Extension Request - Chevron USA Inc. - Livestock Federal 2-9 Pad - Incident Number nAPP2436466571

Be aware this external email contains an attachment and/or link.
Ensure the email and contents are expected. If there are concerns, please submit suspicious messages to the Cyber Intelligence Center using the Report Phishing button.

Your time extension request is approved. Remediation Due date has been updated to June 29, 2025 within the incident page. Ensure that the site characterization/assessment report has been completed and is provided within the final closure report.

Please keep a copy of this communication for inclusion within the appropriate reporting documentation.

The OCD requires a copy of all correspondence related to remedial activities be included in all proposals, weekly/monthly/quarterly/semi-annual/annual, or final closure reports. Correspondence reporting requirements may include, but not limited to, time extension requests, sample event notifications, and variance requests.

If you have any questions, please contact me via email at your convenience.

Thank you,

Scott

Scott Rodgers • Environmental Specialist – Adv.
Environmental Bureau
EMNRD - Oil Conservation Division
5200 Oakland NE, Suite B | Albuquerque, NM 87113
505.469.1830 | scott.rodgers@emnrd.nm.gov
<http://www.emnrd.nm.gov/oed>



From: Barnhill, Amy <ABarnhill@chevron.com>
Sent: Monday, April 21, 2025 10:34 AM
To: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>
Subject: [EXTERNAL] FW: Extension Request - Chevron USA Inc. - Livestock Federal 2-9 Pad - Incident Number nAPP2436466571
Importance: High

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

Hello Mr. Rodgers,

I sent this request, apparently to the wrong email. Please forgive the oversight and grant the requested extension.

Thank you,
Amy

From: Barnhill, Amy
Sent: Monday, March 24, 2025 1:27 PM
To: OCDOnline@state.nm.us
Subject: Extension Request - Chevron USA Inc. - Livestock Federal 2-9 Pad - Incident Number nAPP2436466571
Importance: High

To whom it may concern,

Chevron USA Inc. (Chevron) is requesting an extension for the current deadline of March 31, 2025, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Livestock Federal 2-9 Pad (Site) (Incident Number nAPP2436466571). The release occurred on December 29, 2024, and impacted an area on-pad approximately 8, 222 square feet in size and an area approximately 5,450 square feet in size off-pad on Federal Land managed by the Bureau of Land Management. Lateral delineation soil sampling has been completed at the Site and vertical delineation soil sampling in accordance with the strictest Closure Criteria has been completed in 8 out of 9 boreholes. Chevron intends to complete a soil boring to establish depth to water within a half-mile radius of the Site as soon as the WR-07 permit (Application for Permit to Drill a Well with No consumptive Use) is approved; Chevron will complete the soil boring to a depth of 105 feet below ground surface (bgs) on the DL 9 16 Loch Ness Federal Com #016H site. Chevron received an approved Sundry Request from the BLM on February 26, 2025, for the remediation of the impacted area off-pad. Chevron intends to complete remediation of the off-pad release extent first, and then complete remediation of the on-pad release extent in conjunction with plugging and abandoning activities (P&A) at the Site. Chevron intends to submit a remediation work plan or closure report upon receiving final laboratory analytical data from confirmation sampling activities. Chevron respectfully requests a 90-day extension until June 29, 2025. Please let me know if you have any further questions regarding this site.

Thank you,
Amy Barnhill
Environmental Specialist 2
Tel +1 432 687 7108
Mobile +1 432 940 8524
ABarnhill@chevron.com

Mid-Continent Business Unit

Chevron North America Exploration and Production Company

From: [Barnhill, Amy](#)
To: [Ashley Giovengo](#)
Subject: FW: Confirmation Sampling Variance - Livestock Federal 2-9 Pad - Incident Number nAPP2436466571
Date: Monday, April 7, 2025 7:53:25 AM

[**EXTERNAL EMAIL**]

From: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>
Sent: Thursday, April 3, 2025 2:49 PM
To: Barnhill, Amy <ABarnhill@chevron.com>
Subject: [**EXTERNAL**] RE: [EXTERNAL] FW: Confirmation Sampling Variance - Livestock Federal 2-9 Pad - Incident Number nAPP2436466571

Be aware this external email contains an attachment and/or link.

Ensure the email and contents are expected. If there are concerns, please submit suspicious messages to the Cyber Intelligence Center using the Report Phishing button.

Good Afternoon Amy,

The alternative confirmation sampling plan taking confirmation samples of no more than 400 square feet is approved. The acceptance of this alternative sampling plan 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; or if the location fails to revegetate properly. In addition, OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations. If the applicable land managing agency does not agree and requires a more stringent sampling plan, the more stringent requirements must be met regardless of OCD's approval.

Thanks,
Scott

Scott Rodgers • Environmental Specialist – Adv.
Environmental Bureau
EMNRD - Oil Conservation Division
5200 Oakland NE, Suite B | Albuquerque, NM 87113
505.469.1830 | scott.rodgers@emnrd.nm.gov
<http://www.emnrd.nm.gov/oed>



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

Sent: Thursday, April 3, 2025 11:07 AM
To: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] FW: Confirmation Sampling Variance - Livestock Federal 2-9 Pad - Incident Number nAPP2436466571

From: Barnhill, Amy <ABarnhill@chevron.com>
Sent: Thursday, April 3, 2025 9:45 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Subject: [EXTERNAL] FW: Confirmation Sampling Variance - Livestock Federal 2-9 Pad - Incident Number nAPP2436466571

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

Hello,

Chevron USA Inc (Chevron) is requesting a confirmation sampling variance at the Livestock Federal 2-9 Pad (Site). On December 29, 2024, approximately 84 barrels (bbls) of produced water, 2 bbls of crude oil, and 25 Mcf of natural gas were released onto the caliche pad, 0 bbls were recovered. The release impacted an area approximately 21,986 square feet in size on-pad and off-pad on Federal Land managed by the Bureau of Land Management. Chevron reported the release to the New Mexico Oil Conservation Division (NMOCD) and subsequently the release was assigned (Incident Number nAPP2436466571). According to the New Mexico Office of the State Engineer (NMOSE), the closest well with available depth to groundwater data is CP-01899 POD1 with a reported depth to groundwater greater than 101 feet (ft) below ground surface (bgs). CP-01899 is located approximately 1.01 miles southwest of the Site. Chevron will be advancing a soil boring (BH01) to a depth of 105 ft bgs on April 04, 2025, to establish depth to water within a half-mile radius of the Site. A desktop review for potential site receptors has been completed for this Site and the site is greater than 1,000 ft. to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine (see Figure 1). The closest significant watercourse is an intermittent dry wash located approximately 1.53 miles northwest of the Site. The Site is not underlain by unstable geology (low potential karst designation area) and there are no indicators of surface or subsurface karst features observed at or around the Site. Based on the results of the desktop review and the soil boring that will be completed to a depth of 105 ft bgs, the following Site Closure Criteria will apply: 10 mg/kg benzene, 50 mg/kg BTEX, 1,000 mg/kg TPH – Gasoline Range Organics (GRO) and TPH – Diesel Range Organics (DRO), 2,500 mg/kg Total TPH and 20,000 mg/kg chloride.

Ensolum personnel completed lateral delineation soil sampling in 18 sample locations at ground surface and vertical delineation soil sampling in 8 out of 9 boreholes in accordance with the strictest Closure Criteria per NMOCD Table I (see Figure 2); BH01 will be advanced to the strictest Closure

Criteria during excavation of the impacted area on-pad. Chevron would like to request a confirmation sampling variance for excavation floor samples collected every 400 sq. ft. from the floor of the excavation and every 200 sq. ft. from the sidewalls of the excavation where applicable. Chevron is preparing to complete remediation of the subject matter release and will submit a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC following excavation and confirmation sampling activities. Due to the size of the impacted area, and a regional depth to groundwater greater than 101 ft bgs, Chevron believes this *variance request* will provide equal or better protection of public health, the environment. Matador respectfully requests approval for this *variance request* associated with Incident Number (nAPP2436466571).

Thank you,

Amy Barnhill

Environmental Specialist 2

Tel +1 432 687 7108

Mobile +1 432 940 8524

ABarnhill@chevron.com

Mid-Continent Business Unit

Chevron North America Exploration and Production Company

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 472992

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 472992
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2436466571
Incident Name	NAPP2436466571 LIVESTOCK FEDERAL 2-9 PAD @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	LIVESTOCK FEDERAL 2-9 PAD
Date Release Discovered	12/29/2024
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	10,329
What is the estimated number of samples that will be gathered	49
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/16/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jimmy Gonzalez @ (575)-909-3249
Please provide any information necessary for navigation to sampling site	(32.40928, -103.57512) A 400 square foot sampling variance was approved for confirmation floor samples. Sidewall soil samples will be collected every 200 ft. 06/16/2025 through 06/20/2025

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 472992

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 472992
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
abarnhill	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	6/11/2025
abarnhill	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	6/11/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 476120

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 476120
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2436466571
Incident Name	NAPP2436466571 LIVESTOCK FEDERAL 2-9 PAD @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	LIVESTOCK FEDERAL 2-9 PAD
Date Release Discovered	12/29/2024
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	10,329
What is the estimated number of samples that will be gathered	49
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/23/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	: Jimmy Gonzalez @ (575)-909-3249
Please provide any information necessary for navigation to sampling site	(32.40928, -103.57512) A 400 square foot sampling variance was approved for confirmation floor samples. Sidewall soil samples will be collected every 200 ft. 06/23/2025 through 06/27/2025

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 476120

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 476120
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
abarnhill	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	6/18/2025
abarnhill	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	6/18/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 549744

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 549744
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2436466571
Incident Name	NAPP2436466571 LIVESTOCK FEDERAL 2-9 PAD @ FAPP2132851945
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received
Incident Facility	[fAPP2132851945] Livestock Federal 2-9 Pad

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	LIVESTOCK FEDERAL 2-9 PAD
Date Release Discovered	12/29/2024
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
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	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Downhole Well Maintenance Well Crude Oil Released: 2 BBL Recovered: 0 BBL Lost: 2 BBL.
Produced Water Released (bbls) Details	Cause: Downhole Well Maintenance Well Produced Water Released: 84 BBL Recovered: 0 BBL Lost: 84 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Cause: Downhole Well Maintenance Well Natural Gas Vented Released: 25 MCF Recovered: 0 MCF Lost: 25 MCF.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 549744

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 549744
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.

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	<i>Not answered.</i>

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

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

I hereby agree and sign off to the above statement	Name: Chris Brand Title: Lead Environmental Specialist Email: Chrisbrand@chevron.com Date: 02/03/2026
--	--

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 549744

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 549744
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 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	None
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)	17900
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	33024
GRO+DRO (EPA SW-846 Method 8015M)	23784
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	03/16/2026
On what date will (or did) the final sampling or liner inspection occur	03/17/2026
On what date will (or was) the remediation complete(d)	04/17/2026
What is the estimated surface area (in square feet) that will be reclaimed	66000
What is the estimated volume (in cubic yards) that will be reclaimed	4888
What is the estimated surface area (in square feet) that will be remediated	12999
What is the estimated volume (in cubic yards) that will be remediated	1105

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.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 4

Action 549744

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 549744
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)

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

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

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112340644 R360 ARTESIA LLC LANDFARM
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Chris Brand Title: Lead Environmental Specialist Email: Chrisbrand@chevron.com Date: 02/03/2026
--	--

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

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 549744

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 549744
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 6

Action 549744

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 549744
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	476120
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/23/2025
What was the (estimated) number of samples that were to be gathered	49
What was the sampling surface area in square feet	10329

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	No
--	-----------

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 549744

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 549744
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Confirmation samples should be collected every 400 ft2. All off pad areas must meet reclamation standards set forth in the OCD Spill Rule. The work will need to occur in 90 days after the work plan has been reviewed.	2/26/2026