



June 24, 2025

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

**Re: Closure Report
Chevron Mid Continent Business Unit
Sand Dunes 11 CS Release
Unit Letter M, Section 11, Township 24 South, Range 31 East
Eddy County, New Mexico
Incident ID# NAPP2426463181**

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by Chevron Mid Continent Business Unit (Chevron MCBU) to assess a release associated with the Sand Dunes 11 Compressor Station (CS) (fAPP2123762022). The release footprint is located in Public Land Survey System (PLSS) Unit Letter M, Section 11, Township 24 South, and Range 31 East, in Eddy County, New Mexico (Site). The approximate release point occurred at coordinates 32.226931° -103.744880°, as shown on Figures 1 and 2.

BACKGROUND

According to the State of New Mexico initial C-141 Form, the release was discovered on September 18, 2024, and resulted in the release of 4 bbls of produced water and 1 bbls of crude oil, of which 0 bbls of produced water or crude oil were recovered. Based on the spill calculator, the release impacted approximately 3,350 square feet of lease pad area, in a congested area with aboveground production lines and compressors. The release extent is contained within an earthen berm. The initial response consisted of an approximate 6-inch scrape. The Initial NOR was submitted to the NMOCD on September 20, 2024, and the NMOCD assigned the Incident ID NAPP2426463181. The New Mexico Oil Conservation Division (NMOCD) approved the initial C-141 on October 2, 2024, the initial C-141 form 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 was notified prior to 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

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well within 0.75 miles (1,229 meters) with a total well depth of 110 feet. The site characterization is included in Appendix B.

REGULATORY FRAMEWORK

Based upon the on-pad 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 (on-pad release footprint), the depth to groundwater determination and in accordance with Table I of 19.15.29.12 NMAC, the RRALs for the Site are as follows:

Constituent	Site RRALs
Chloride	600 mg/kg
TPH (GRO+DRO+ORO)	100 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

SITE ASSESSMENT

On December 6, 2024, Tetra Tech was onsite to conduct assessment activities on behalf of Chevron MCBU. Assessment activities included installing a series of hand auger borings and trenches. Four (4) trenches (T-1 through T-4) were installed to 4 feet bgs using a backhoe to evaluate the vertical extents of the release. Nine (9) borings (AH-1 through AH-9) were installed to a depth of 1-foot bgs outside the release area footprint for horizontal delineation. Photographic documentation of Site conditions at the time of the assessment is presented in Appendix C. A review of the onsite conditions indicated that the approximate release footprint may not have been as large or as defined as originally estimated, as several of the locations intended to serve as vertical bounds exhibited clean results. Conversely, several of the horizontal locations intended to serve as perimeter locations contained results which exceeded site RRALs.

As such, the analytical results for AH-5, AH-6 and AH-9 exceeded the RRALs for horizontal delineation for chloride (600 mg/kg). Therefore, Tetra Tech re-mobilized to the site on January 30, 2025 to install three (3) hand auger borings in these areas (AH-5R, AH-6R and AH-9R) to 3 ft bgs to vertically delineate the release area. Additionally, three (3) hand auger borings (AH-11 through AH-13) were installed to 1 ft bgs to complete horizontal delineation. Assessment sampling locations are presented in Figure 3. Photographic documentation of the Site conditions is included in Appendix C.

A total of twenty-seven (27) samples were collected from the seventeen (17) hand auger boring/trench locations and submitted to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico to be analyzed for chlorides via EPA Method 4500.0, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B. A copy of the laboratory analytical report and chain-of-custody documentation are included in Appendix D.

An extension was submitted via email to the NMOCD on December 17, 2024. This extension request was approved by NMOCD for a new due date of March 17, 2025. The extension request is included in Appendix E.

SUMMARY OF RESULTS

The laboratory analytical results from the December 2024 and January 2025 assessment sampling activities are summarized in Table 1. Horizontal delineation was achieved. Vertical delineation was achieved at the 2'-3' interval at AH-5R and AH-6R. The results from AH-9R and AH-11 exhibited anomalous results which exceeded the site RRALs for TPH (100 mg/kg) and were assumed to be historical impacts unrelated to the subject line incident. Nonetheless, these areas will be delineated during the ensuing remedial action described below. All other analytical results were below the applicable Site RRALs.

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REMEDIATION WORK PLAN

A Release Characterization and Remediation Work Plan (Work Plan) was prepared by Tetra Tech on behalf of Chevron and submitted to NMOCD on March 17, 2025, via the online fee portal. The Work Plan described the results of the release assessment and provided characterization of the site. The Work Plan was approved by the NMOCD on March 24, 2025, with the following comment:

- *“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 200 ft2. The surface scrape area in the north end of the spill requires confirmation sampling. The work will need to occur in 90 days after the work plan has been reviewed.”*

REMEDIAL ACTIVITIES AND CONFIRMATION SAMPLING

Tetra Tech personnel mobilized to the site to conduct remedial activities and confirmation sampling from June 9 through June 12, 2025. Based on the collected analytical results and the approved work plan, Tetra Tech excavated the release extent from depths ranging from 0.5 ft to 3.5 feet bgs to remove impacted soils, as presented in Figure 5. Prior to confirmation sampling, the NMOCD district office was notified on May 28, 2025, via the OCD Portal (C-141N) in accordance with Subsection D of 19.15.29.12 NMAC. Copies of the regulatory correspondence are included in Appendix E.

Due to safety concerns associated with working around energized and pressurized lines, impacted soils were excavated by hand or hydro-excavation within 2 feet of surface and subsurface lines. In areas underneath the aboveground production piping, impacted soils were excavated by hand to the maximum extent practicable. An exclusion zone was marked in the area of a subsurface electrical grounding line within the excavation extent. Heavy machinery remained outside this buffer zone to avoid any associated risk or disturbance. The area was excavated by hand to mitigate life-threatening risks associated with electrical lines.

All of the excavated material was transported offsite for proper disposal. Approximately one-hundred forty-four (144) cubic yards of material were transported to the Northern Delaware Basin Landfill facility in Jal, NM. Copies of the waste manifest documents are included in Appendix F.

Following excavation, confirmation floor and sidewall samples were collected and submitted for laboratory analysis to verify efficacy of remediation activities. Confirmation samples were collected such that each discrete sample (sidewall and floor) was representative of no more than 200 square feet of excavated area. Confirmation sidewall sample locations were labeled with “SW”-#, and confirmation floor sample locations were labeled with “FS”-#. Excavated areas, depths, and representative confirmation sample locations are indicated in Figure 5. Photographs from the excavated areas prior to backfill are provided in Appendix C.

A total of ten (10) floor sample locations and eight (8) sidewall sample locations were used during the remedial activities. Collected confirmation samples were placed into laboratory-provided sample containers, transferred under chain-of-custody, and analyzed within appropriate holding times by Cardinal. The soil samples were analyzed for TPH (GRO+DRO+MRO) by EPA Method 8015M, BTEX by EPA Method 8021B, and chloride by SM4500Cl-B. Laboratory analytical data is included in Appendix D.

The results of the June 2025 confirmation sampling events are summarized in Table 2. All final confirmation soil samples (floor and sidewall) were below applicable cleanup levels for chloride, TPH, and BTEX. Additionally, floor confirmation sample (FS-6) was collected from the base of the excavation in the area of AH-9, confirming vertical delineation. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix D.

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SITE RECLAMATION

Once acceptable confirmation sample results were received, the excavation was backfilled with clean material that is non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg, as analyzed by EPA Method 300.0 or Method 4500. One (1) representative five-point composite sample was collected from the backfill material used for the reclamation of the excavation. Soil backfill composite sampling results are summarized in Table 3. Backfilled areas were restored to the original condition. This release footprint was within an active pad; thus, these backfilled areas were not seeded.

CONCLUSION

Chevron MCBU respectfully requests closure of the incident based on the confirmation sampling results and remedial activities performed. The final C-141 forms are enclosed in Appendix A. The impacted surface area was remediated to meet the standards of Table I of 19.15.29.12 NMAC.

If you have any questions concerning the remediation activities for the Site, please call me or Christian at (512) 338-2861.

Sincerely,
Tetra Tech, Inc.



Lisbeth Chavira
Project Manager



Christian M. Llull, P.G.
Program Manager

cc:
Mr. Joe Tyler – Chevron MCBU
Ms. Kennedy Lincoln – Chevron MCBU

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June 24, 2025

Chevron MCBU

LIST OF ATTACHMENTS

Figures:

- Figure 1 – Overview Map
- Figure 2 – Topographic Map
- Figure 3 – Approximate Release Extent and Site Assessment
- Figure 4 – Proposed Remediation Extent
- Figure 5 – Alternative Confirmation Sampling Plan

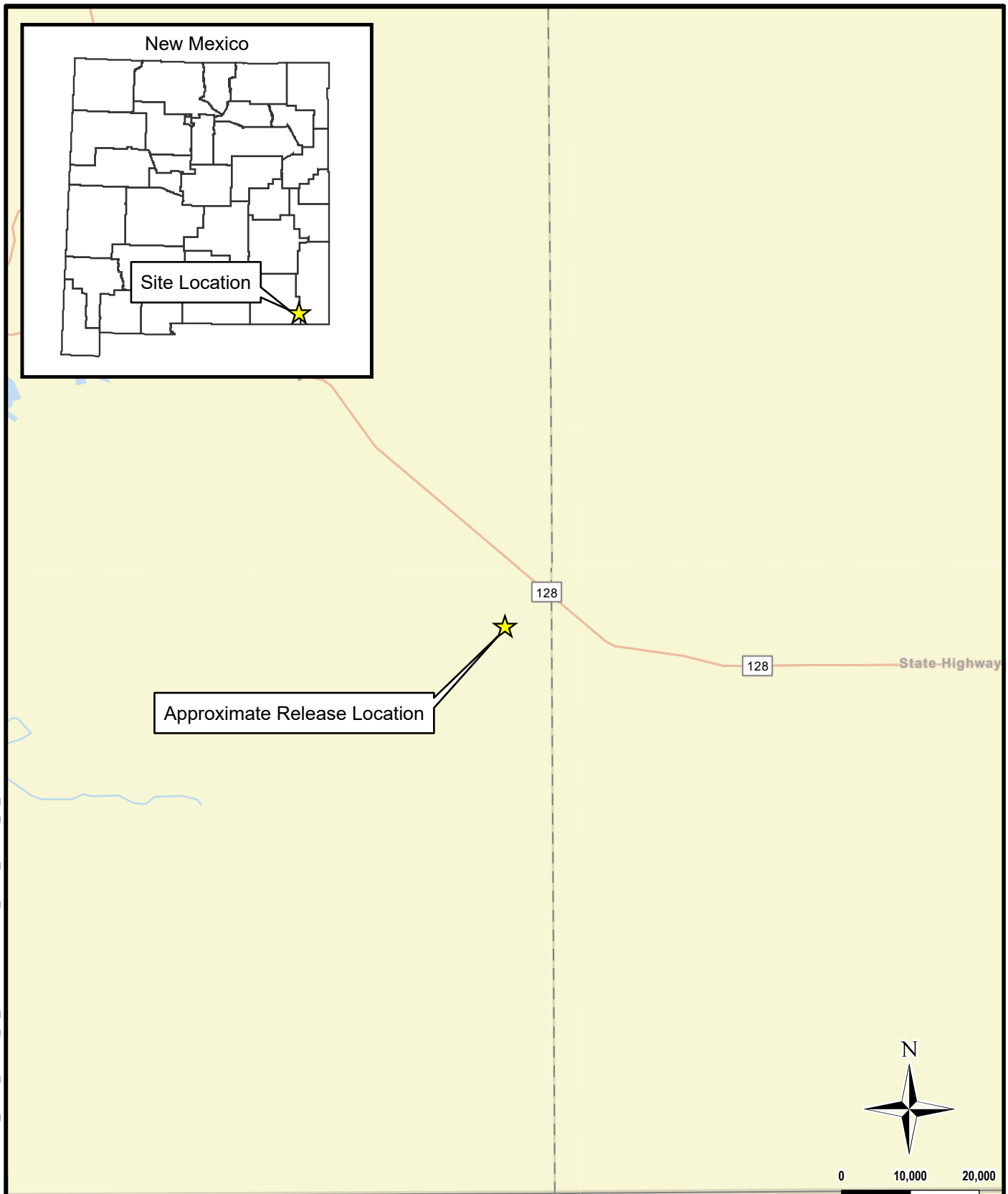
Tables:

- Table 1 – Summary of Analytical Results –2024/2025 Soil Assessment
- Table 2 – Summary of Analytical Results – Soil Remediation
- Table 3 – Summary of Analytical Results – Soil Backfill

Appendices:

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

FIGURES



Source: Esri World Street, 2024.



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CHEVRON MID CONTINENT BUSINESS UNIT

NAPP2426463181
(32.226931°, -103.744880°)
EDDY COUNTY, NEW MEXICO

**SAND DUNES 11 CS RELEASE
OVERVIEW MAP**

PROJECT NO.: 212C-MD-03723

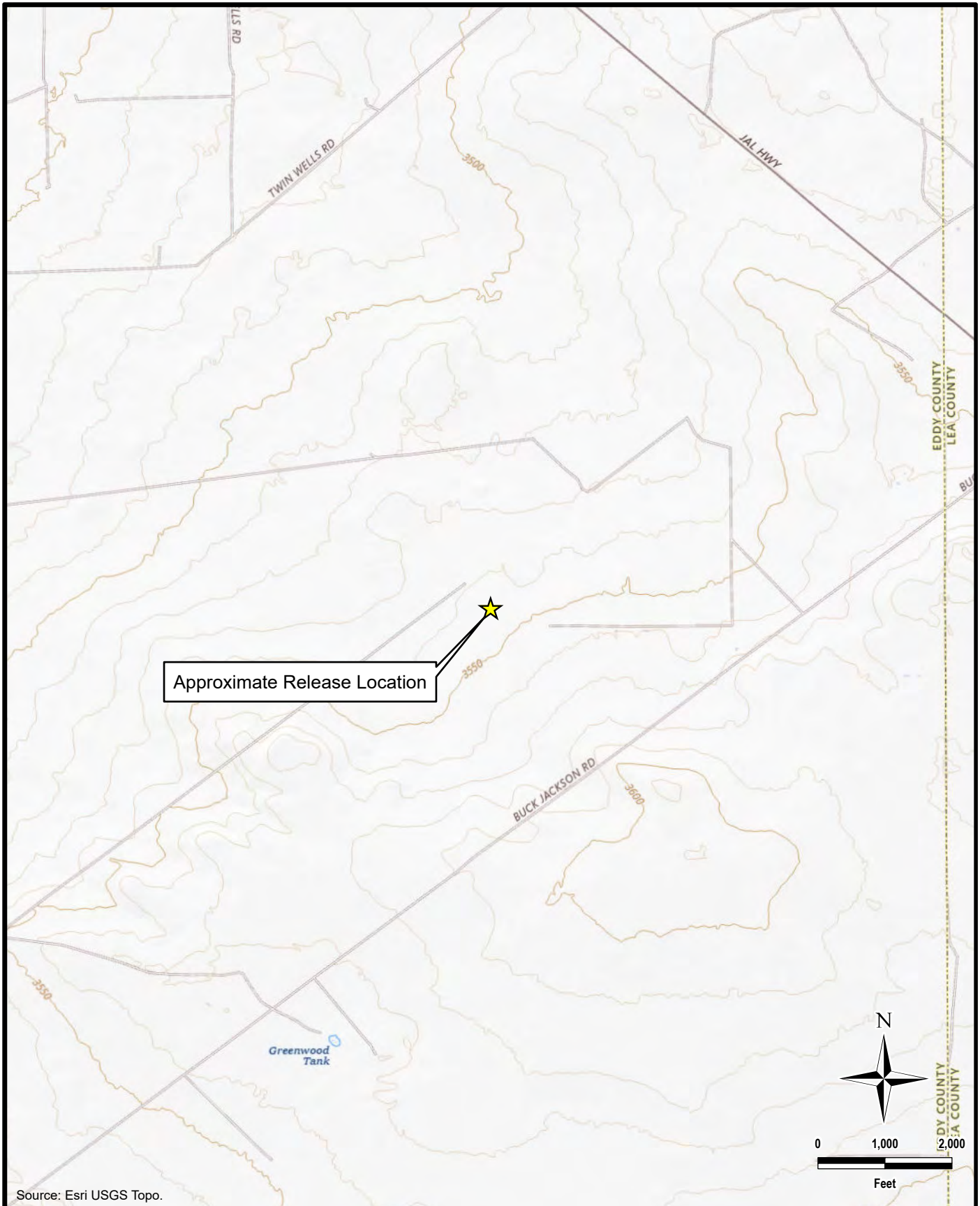
DATE: JUNE 19, 2025

DESIGNED BY: LMV

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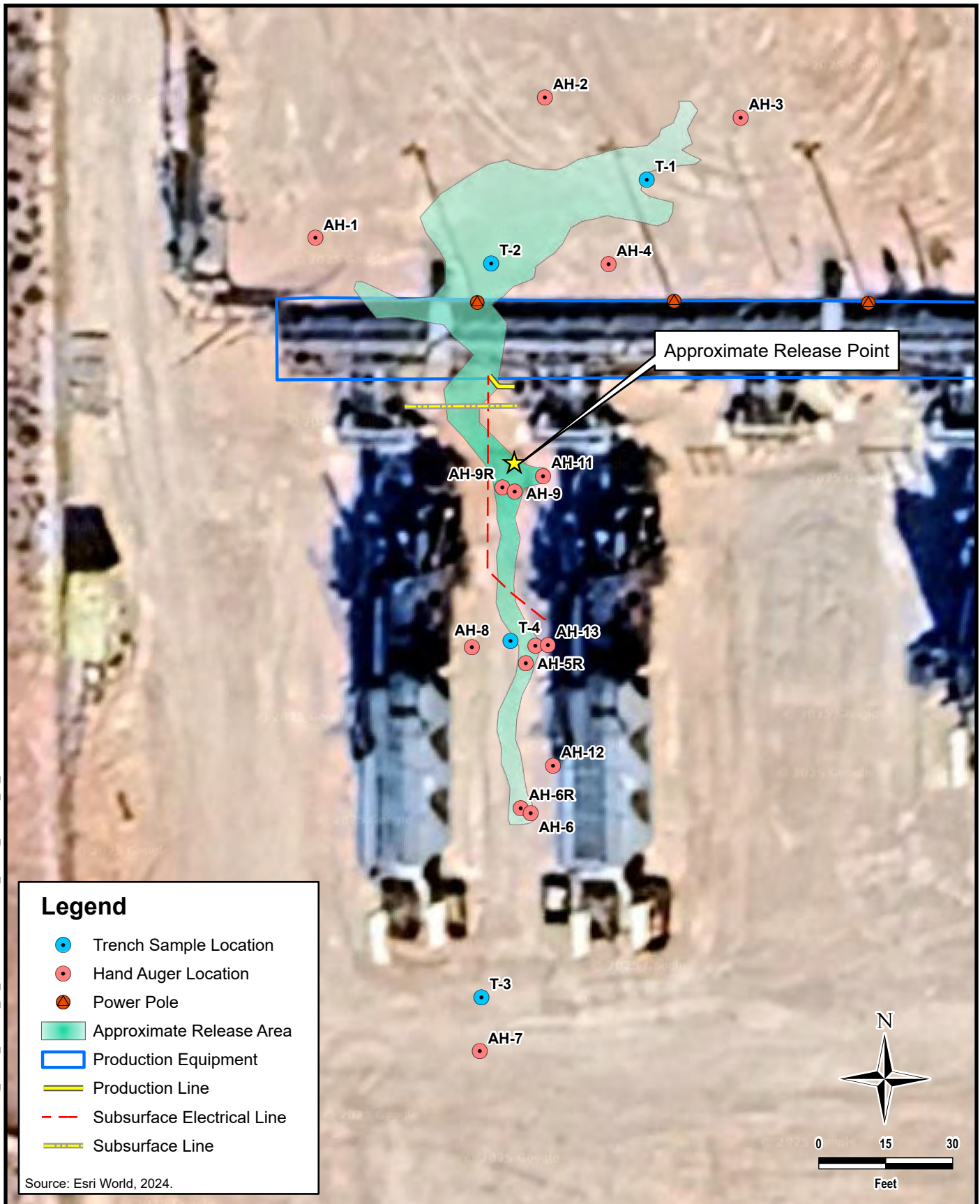
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	NAPP2426463181 (32.226931°, -103.744880°) EDDY COUNTY, NEW MEXICO		DATE: JUNE 19, 2025
	SAND DUNES 11 CS RELEASE TOPOGRAPHIC MAP		DESIGNED BY: LMV
			Figure No. 2



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CHEVRON MID CONTINENT BUSINESS UNIT

NAPP2426463181
(32.226931°, -103.744880°)
EDDY COUNTY, NEW MEXICO

SAND DUNES 11 CS RELEASE
APPROXIMATE RELEASE EXTENT AND SAMPLING LOCATIONS

PROJECT NO.: 212C-MD-03723

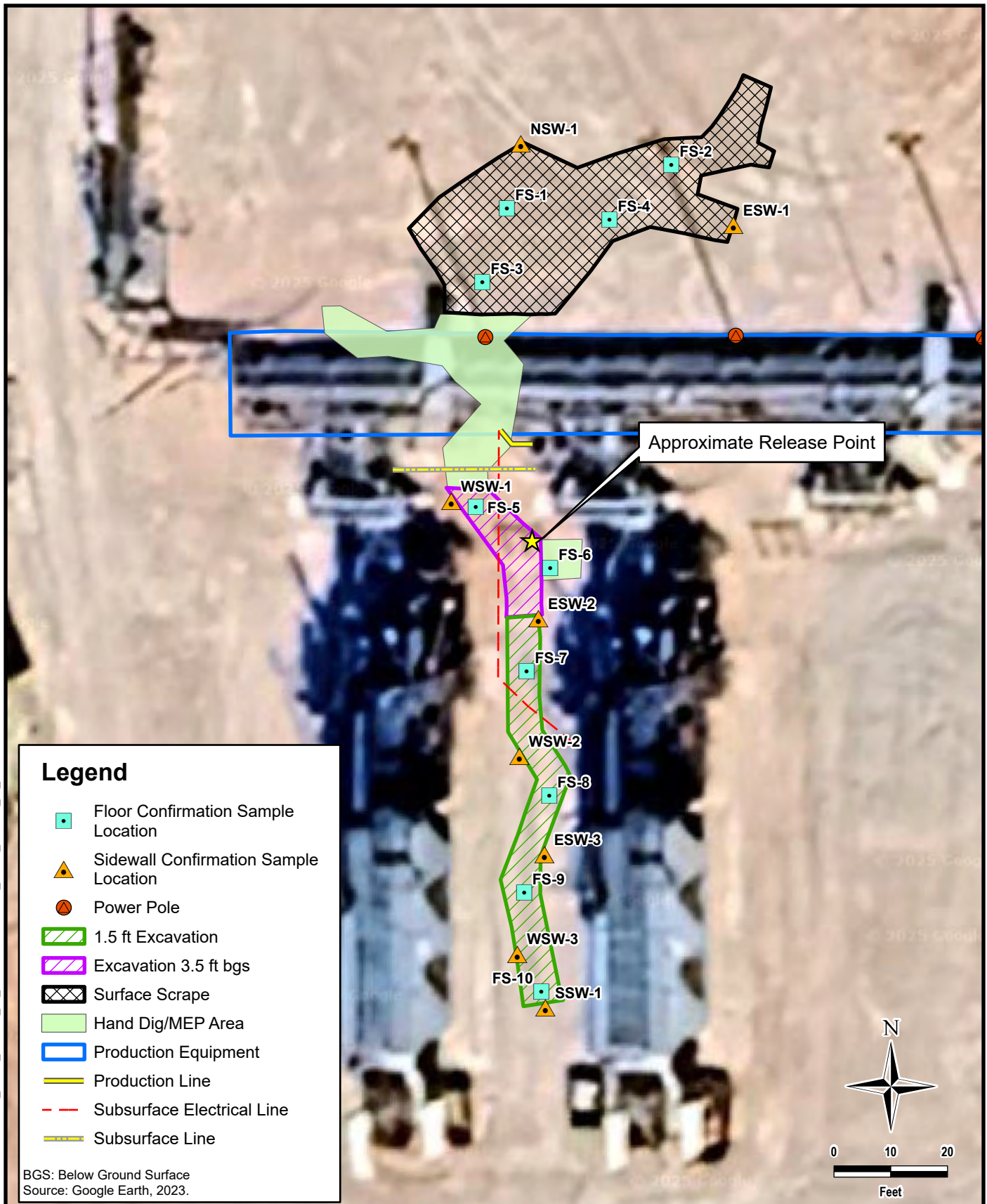
DATE: JUNE 19, 2025

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CHEVRON MID CONTINENT BUSINESS UNIT

NAPP2426463181
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EDDY COUNTY, NEW MEXICO

**SAND DUNES 11 CS RELEASE
REMEDIATION EXTENT AND CONFIRMATION SAMPLING PLAN**

PROJECT NO.: 212C-MD-03723

DATE: JUNE 19, 2025

DESIGNED BY: LMV

Figure No.

4

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TABLES

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
SOIL ASSESSMENT- NAPP2426463181
CHEVRON
MCBU - SAND DUNES 11CS RELEASE
EDDY COUNTY, NM

Sample ID	Sample Date	Sample Depth	Field Screening Results		Chloride		BTEX ²										TPH ³							
			Chloride	PID			Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH (GRO+DRO+EXT DRO)	
							C ₆ - C ₁₀	> C ₁₀ - C ₂₈	> C ₂₈ - C ₃₆	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg		Q
		ft. bgs	ppm		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	Q	mg/kg	
T-1	12/6/2024	0-1	102		<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		2-3	110		<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		3-4	137		32		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
T-2	12/6/2024	0-1	602		160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		2-3	256		16		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		3-4	175		32		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
T-3	12/6/2024	0-1	475		208		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		2-3	146		32		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		3-4	83		<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
T-4	12/6/2024	0-1	-		64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		2-3	187		32		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		3-4	153		32		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
AH-1	12/6/2024	0-1	483		240		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
AH-2	12/6/2024	0-1	368		128		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
AH-3	12/6/2024	0-1	296		448		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
AH-4	12/6/2024	0-1	707		48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
AH-5	12/6/2024	0-1	700		880		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
AH-5R	1/30/2025	2-3	-		16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
AH-6	12/6/2024	0-1	1003		640		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
AH-6R	1/30/2025	2-3	-		16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
AH-7	12/6/2024	0-1	305		80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
AH-8	12/6/2024	0-1	1007		272		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
AH-9	12/6/2024	0-1	516		816		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
AH-9R	1/30/2025	2-3	-		<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		22.6		112		134.6	
AH-11	1/30/2025	0-1	-		64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		69.9		196		265.9	
AH-12	1/30/2025	0-1	-		32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
AH-13	1/30/2025	0-1	-		32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	

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 SM4500Cl-B
2 Method 8021B
3 Method 8015M

Bold and italicized values indicate exceedance of proposed RRALs and Reclamation Requirements.
Shaded rows indicate intervals proposed for excavation.

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
SOIL REMEDIATION- NAPP2426463181
CHEVRON
MCBU - SAND DUNES 11CS RELEASE
EDDY COUNTY, NM

Sample ID	Sample Date	Sample Depth	Field Screening Results Chloride	Chloride		BTEX ²										TPH ³						
						Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH
			ppm	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	C ₆ - C ₁₀	Q	> C ₁₀ - C ₂₈	Q	> C ₂₈ - C ₃₆	Q	(GRO+DRO+EXT DRO)
		ft. bgs														mg/kg		mg/kg		mg/kg		mg/kg
FS-1	6/10/2025	6"		288		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS-2	6/10/2025	6"		80.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		20.8		20.8
FS-3	6/10/2025	6"		96.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS-4	6/10/2025	6"		112		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		26.8		26.8
FS-5	6/10/2025	3.5		96.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS-6	6/10/2025	3.5		<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS-7	6/10/2025	1.5		32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS-8	6/10/2025	1.5		<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS-9	6/10/2025	1.5		<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS-10	6/10/2025	1.5		16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
ESW-1	6/10/2025	-		16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		16.0		16.0
ESW-2	6/10/2025	-		64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
ESW-3	6/10/2025	-		48.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		18.5		18.5
WSW-1	6/10/2025	-		80.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
WSW-2	6/10/2025	-		80.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
WSW-3	6/10/2025	-		48.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		17.8		17.8
SSW-1	6/10/2025	-		32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
NSW-1	6/10/2025			16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-

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 SM4500Cl-B

2 Method 8021B

3 Method 8015M

TABLE 3
SUMMARY OF ANALYTICAL RESULTS
TWIN WELLS RANCH PIT - SOIL BACKFILL
CONOCOPHILLIPS
32.2095278°, -103.7500000°
LEA COUNTY, NM

Sample ID	Sample Date	Chloride ¹		BTEX ²										TPH ³						
				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	C ₆ - C ₁₀	Q	> C ₁₀ - C ₂₈	Q	> C ₂₈ - C ₃₆	Q	
BACKFILL - COMPOSITE	5/22/2025	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-

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 SM4500Cl-B
2 Method 8021B
3 Method 8015M

APPENDIX A C-141 Forms

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

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

QUESTIONS

Action 388596

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 388596
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2426463181
Incident Name	NAPP2426463181 SAND DUNES 11 CS @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received
Incident Facility	[fAPP2123762022] Sand Dunes 11 CS

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Sand Dunes 11 CS
Date Release Discovered	09/18/2024
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. Tank (Any) Crude Oil Released: 1 BBL Recovered: 0 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. Tank (Any) Produced Water Released: 4 BBL Recovered: 0 BBL Lost: 4 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.

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QUESTIONS, Page 2

Action 388596

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 388596
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Kennedy Lincoln Title: Environmental Specialist Email: kennedy.lincoln@chevron.com Date: 10/02/2024
--	--

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Energy, Minerals and Natural Resources
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QUESTIONS, Page 3

Action 388596

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 388596
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS**Site Characterization**

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

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

Remediation Plan

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

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

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

CONDITIONS

Action 388596

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 388596
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	None	10/2/2024

Area	Shape	Length (ft)	Width (ft)	Standing Depth (ft)	Soil Penetration (ft)	Standing Volume	In-Soil Volume	Total Volume
1	Rectangle	85.0	25.0	0.0000	0.0627	0.00	3.56	3.56
2	Triangle	25.0	24.0	0.0000	0.0627	0.00	0.50	0.50
3	Rectangle	25.0	25.0	0.0000	0.0627	0.00	1.05	1.05
4								
5								
6								
7								
8								
9								
10								
Total Volume (bbl)							5.11	

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

Incident ID	NAPP2426463181
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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?	< 55 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	NAPP2426463181
District RP	
Facility ID	
Application ID	

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.

Printed Name: Joe Tyler Title: MCBU Field Environmental Advisor

Signature: _____ Date: _____

email: loyd.tyler@chevron.com Telephone: 432.701.8163

OCD Only

Received by: _____ Date: _____

Incident ID	NAPP2426463181
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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.

Printed Name: Joe Tyler Title: MCBU Field Environmental Advisor
Signature: _____ Date: _____
email: loyd.tyler@chevron.com Telephone: 432.701.8163

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

APPENDIX B

Site Characterization Data

OCD Land Ownership



12/6/2024, 12:11:36 PM

Mineral Ownership

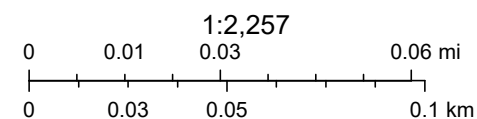
Land Ownership



A-All minerals are owned by U.S.



BLM



U.S. BLM, Maxar, Microsoft, Esri, HERE, Garmin, iPC



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
C 04687 POD1		CUB	ED	SE	NE	SW	12	24S	31E	619481.4	3566450.0		1229	110		
C 02460		C	ED			SW	02	24S	31E	617496.0	3568022.0 *		1895	320		
C 02460 POD2		C	ED			SW	02	24S	31E	617496.0	3568022.0 *		1895	320		
C 04576 POD1		CUB	ED	NW	NE	NW	23	24S	31E	617699.5	3564324.7		2042	910	850	60
C 02440		C	ED		NE	SW	10	24S	31E	616103.0	3566599.0 *		2181	350		
C 02464		C	ED	NE	SW	NW	02	24S	31E	617644.7	3568581.6		2374	320	205	115
C 04388 POD1		C	ED	SW	NE	NW	23	24S	31E	617546.3	3564006.4		2391	910	868	42
C 02405		CUB	ED		SE	NW	02	24S	31E	617690.0	3568631.0 *		2411	275	160	115
C 04672 POD 1		CUB	ED	NE	NW	SE	01	24S	31E	619762.2	3568286.5		2498	110		
C 04508 POD1		CUB	ED	SE	SE	SW	15	24S	31E	616298.3	3564493.0		2660	110		

Average Depth to Water: 520 feet

Minimum Depth: 160 feet

Maximum Depth: 868 feet

Record Count: 10

Basin/County Search:

County: ED

UTM Filters (in meters):

Easting: 618262.29

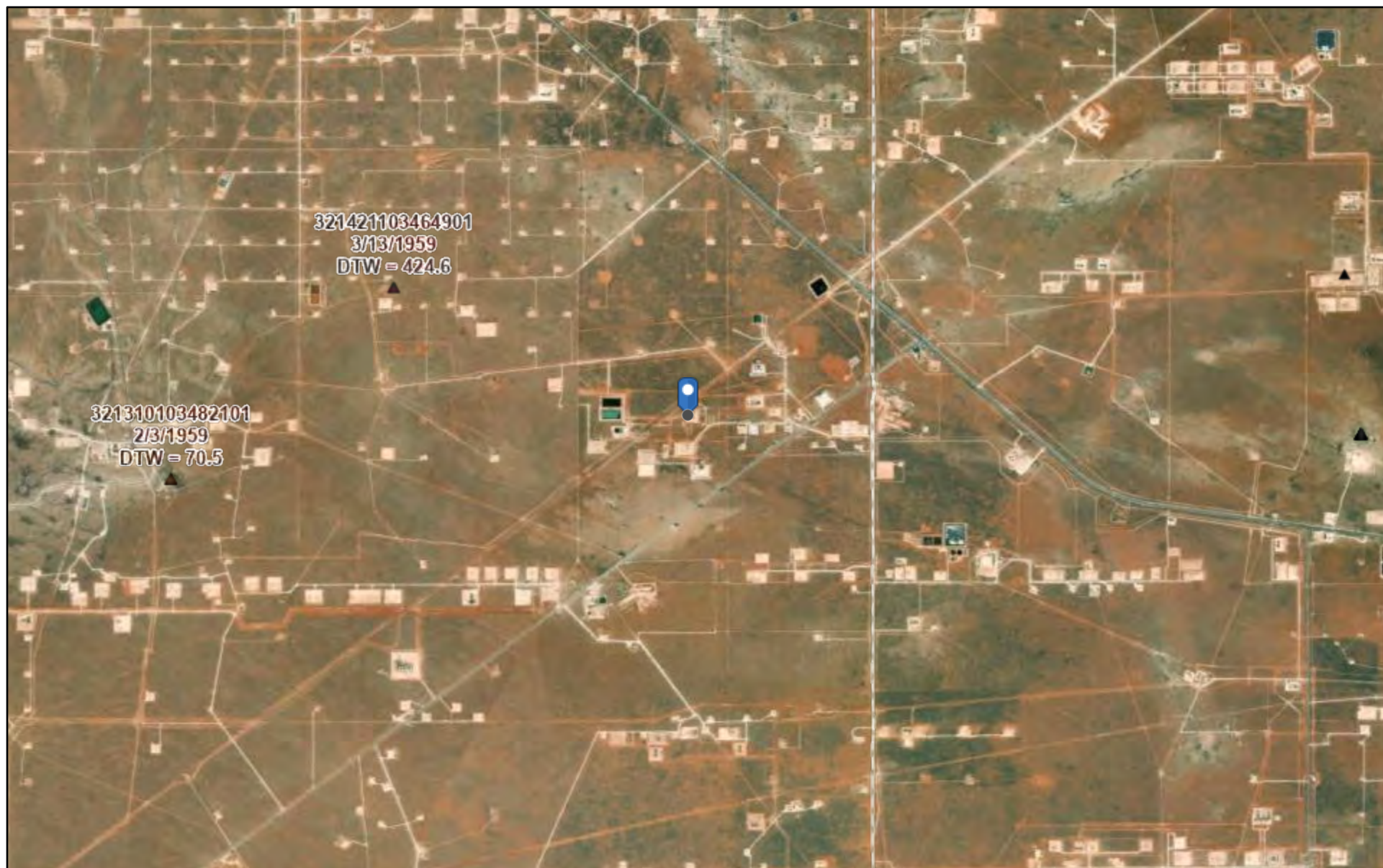
Northing: 3566288.43

Radius: 003000

* UTM location was derived from PLSS - see Help

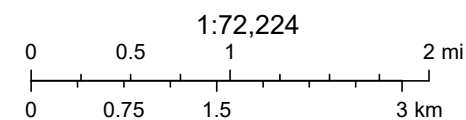
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

USGS Groundwater Wells



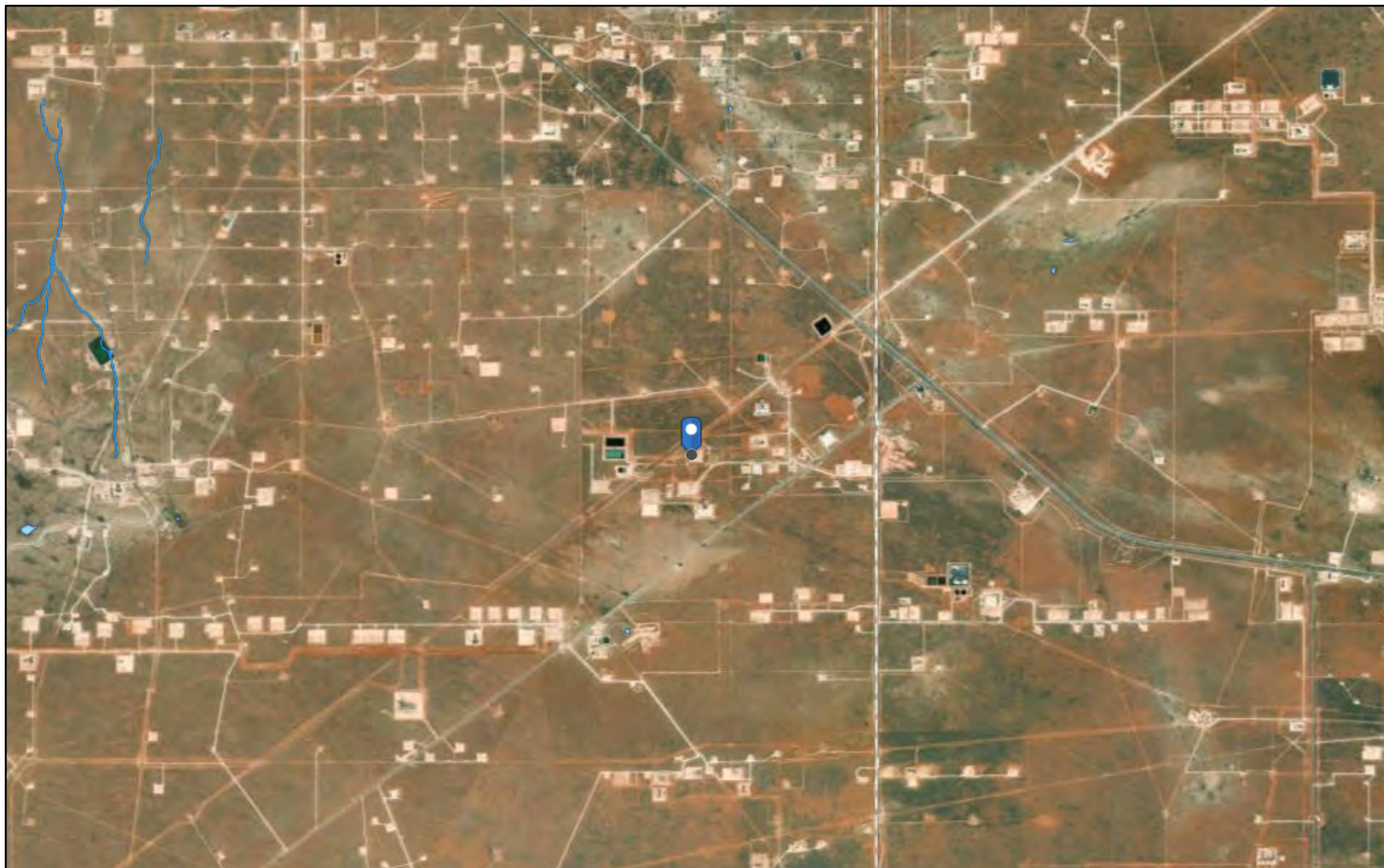
12/6/2024, 12:32:31 PM

▲ USGS Historical GW Wells



Esri, HERE, Garmin, Earthstar Geographics, USGS

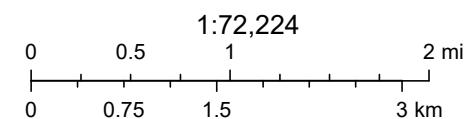
OCD Water Bodys



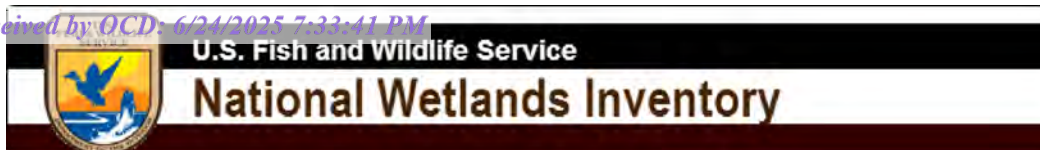
12/6/2024, 12:16:15 PM

 OSW Water Bodys

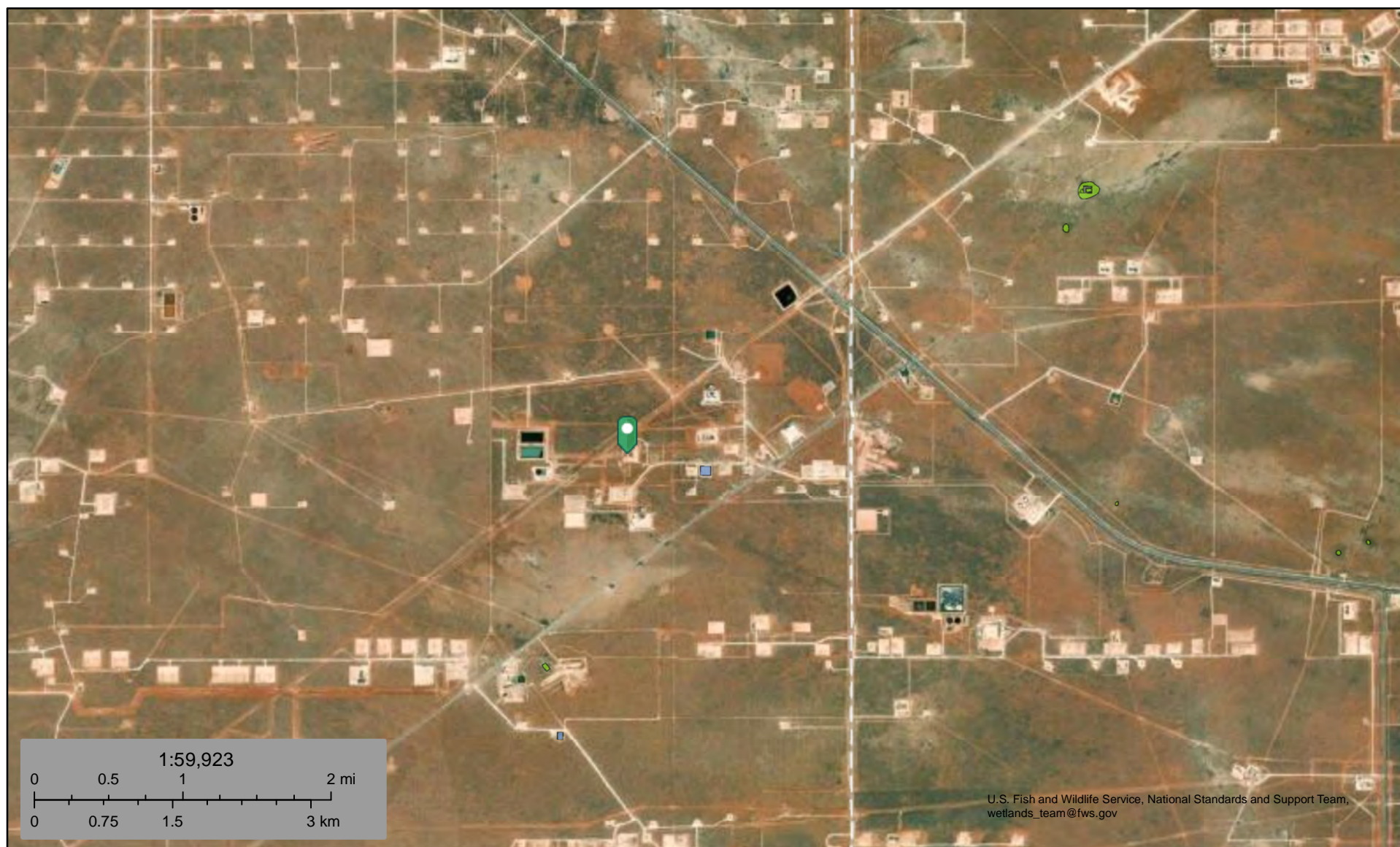
 OSE Streams



Esri, HERE, Garmin, Earthstar Geographics, NM OSE



National Wetlands Inventory



December 6, 2024

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.

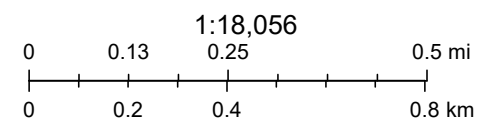
OCD Karst Potential



12/6/2024, 12:17:40 PM

Karst Occurrence Potential

 Low



BLM, OCD, New Mexico Tech, Esri, HERE, Garmin, IPC, Maxar

National Flood Hazard Layer FIRMMette



103°45'W 32°13'53"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

103°44'23"W 32°13'22"N

Released to Imaging: 8/22/2025 2:12:38 PM

Basemap Imagery Source: USGS National Map 2023

Legend

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

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



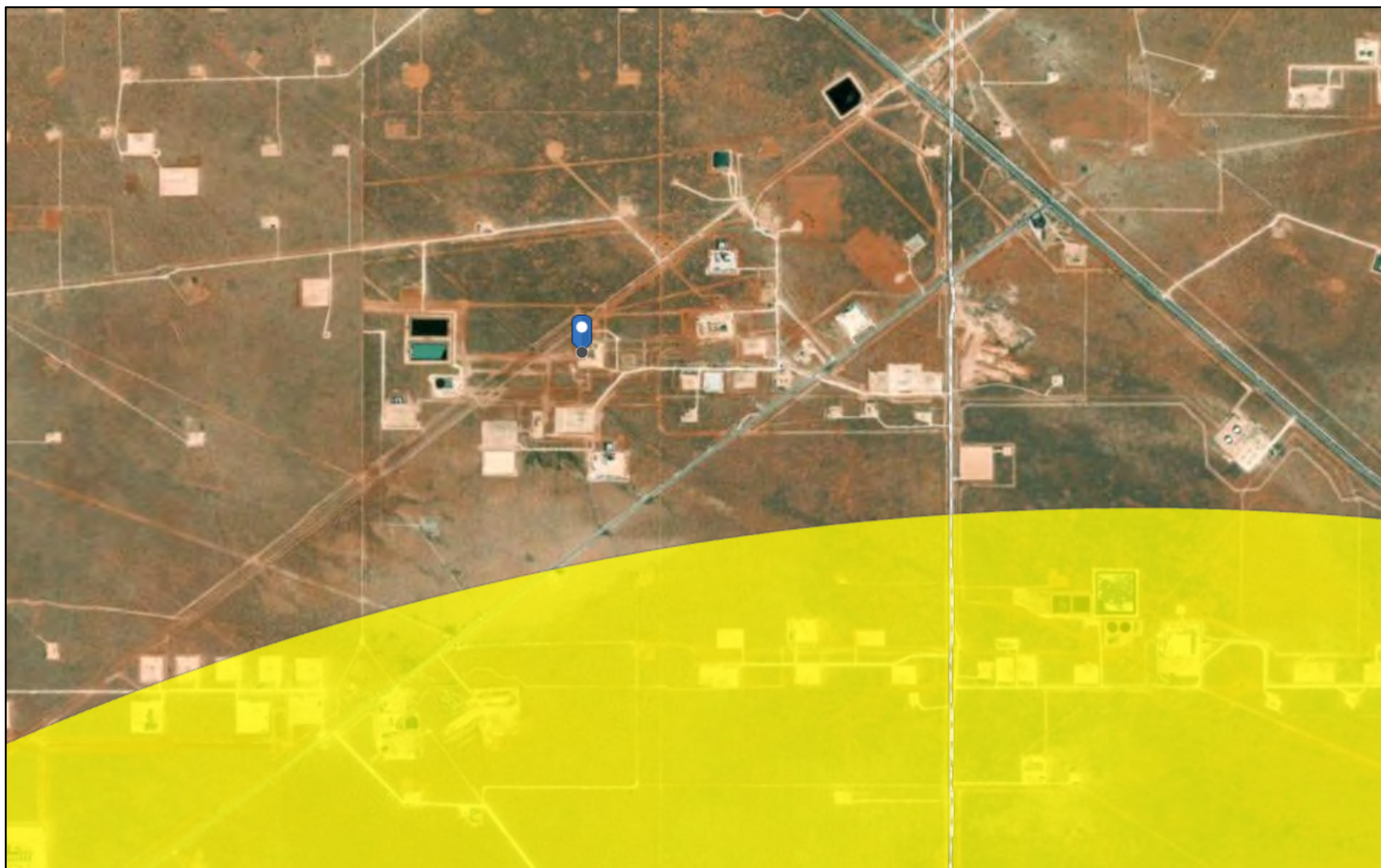
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 12/6/2024 at 6:22 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.

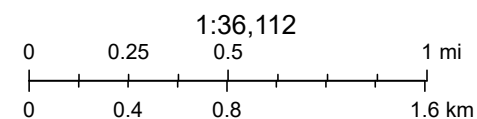
OCD Induced Seismicity



12/6/2024, 12:18:54 PM

Seismic Response 3.0 to 3.4

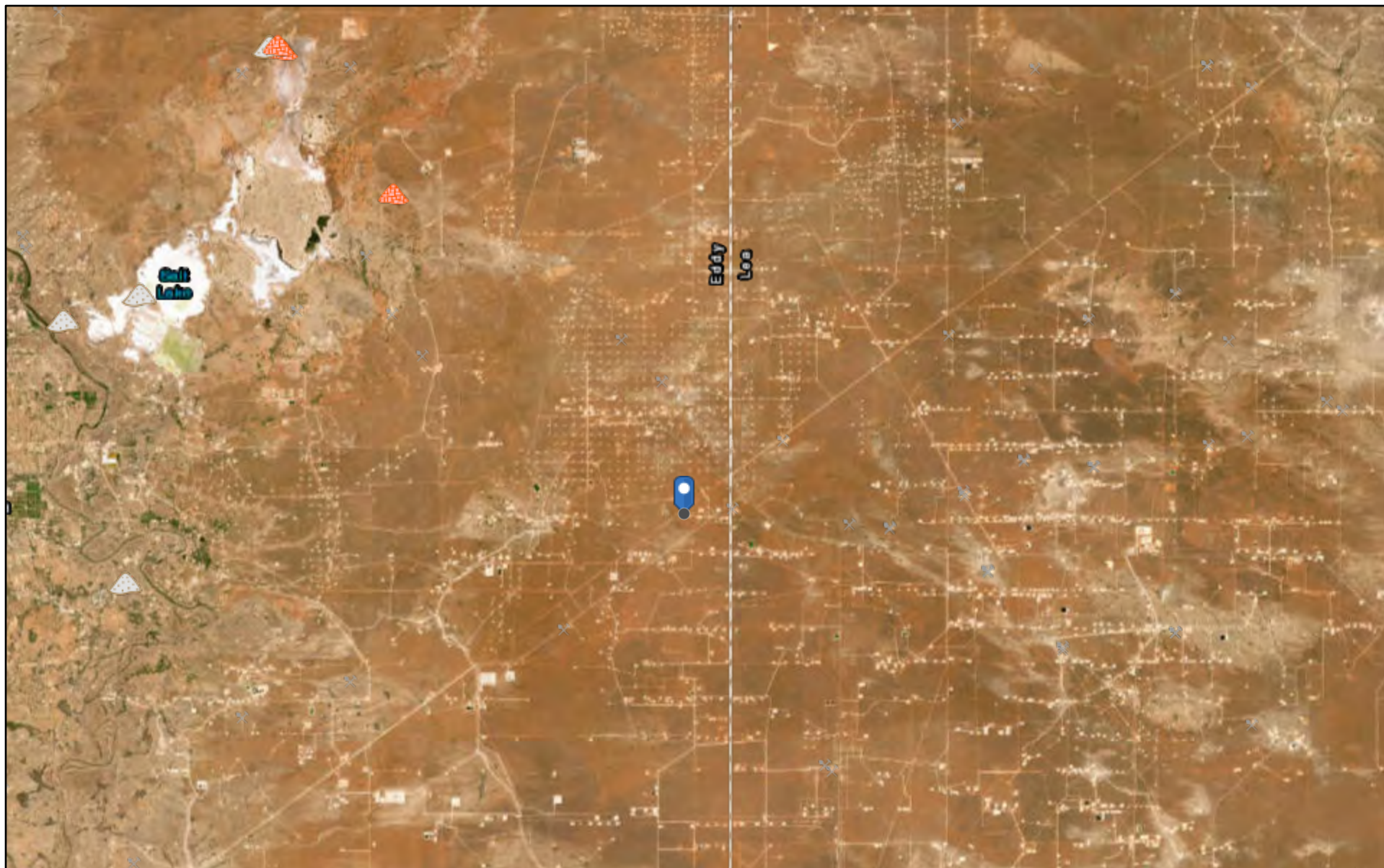
10 mi.



Oil Conservation Division (OCD), Energy, Minerals and Natural Resources
Department (EMNRD), Esri, HERE, Garmin, Maxar

New Mexico Oil Conservation Division

Active Mines in New Mexico



12/6/2024, 12:20:32 PM

Registered Mines

Aggregate, Stone etc.



Aggregate, Stone etc.



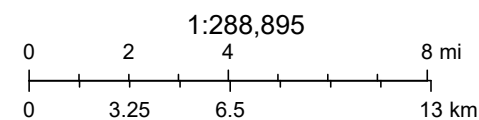
Aggregate, Stone etc.



Potash



Salt



U.S. BLM, Esri, HERE, Garmin, Earthstar Geographics

APPENDIX C

Laboratory Analytical Data



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

December 13, 2024

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: MCBU - SAND DUNES 11CS RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 12/09/24 12:34.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	12/09/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	MCBU - SAND DUNES 11CS RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03723	Sample Received By:	Shalyn Rodriguez
Project Location:	CHEVRON - EDDY CO NM		

Sample ID: T1 (0-1') (H247447-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/09/2024	ND	1.97	98.7	2.00	5.84	
Toluene*	<0.050	0.050	12/09/2024	ND	2.01	101	2.00	4.32	
Ethylbenzene*	<0.050	0.050	12/09/2024	ND	2.04	102	2.00	3.64	
Total Xylenes*	<0.150	0.150	12/09/2024	ND	6.11	102	6.00	3.27	
Total BTX	<0.300	0.300	12/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/10/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2024	ND	232	116	200	2.96	
DRO >C10-C28*	<10.0	10.0	12/09/2024	ND	206	103	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	12/09/2024	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 12/09/2024
 Reported: 12/13/2024
 Project Name: MCBU - SAND DUNES 11CS RELEASE
 Project Number: 212C - MD - 03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 12/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T1 (2-3') (H247447-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/09/2024	ND	1.97	98.7	2.00	5.84		
Toluene*	<0.050	0.050	12/09/2024	ND	2.01	101	2.00	4.32		
Ethylbenzene*	<0.050	0.050	12/09/2024	ND	2.04	102	2.00	3.64		
Total Xylenes*	<0.150	0.150	12/09/2024	ND	6.11	102	6.00	3.27		
Total BTEX	<0.300	0.300	12/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/10/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2024	ND	232	116	200	2.96	
DRO >C10-C28*	<10.0	10.0	12/09/2024	ND	206	103	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	12/09/2024	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 12/09/2024
 Reported: 12/13/2024
 Project Name: MCBU - SAND DUNES 11CS RELEASE
 Project Number: 212C - MD - 03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 12/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T1 (3-4') (H247447-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/09/2024	ND	1.97	98.7	2.00	5.84		
Toluene*	<0.050	0.050	12/09/2024	ND	2.01	101	2.00	4.32		
Ethylbenzene*	<0.050	0.050	12/09/2024	ND	2.04	102	2.00	3.64		
Total Xylenes*	<0.150	0.150	12/09/2024	ND	6.11	102	6.00	3.27		
Total BTEX	<0.300	0.300	12/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/10/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2024	ND	232	116	200	2.96	
DRO >C10-C28*	<10.0	10.0	12/09/2024	ND	206	103	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	12/09/2024	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 12/09/2024
 Reported: 12/13/2024
 Project Name: MCBU - SAND DUNES 11CS RELEASE
 Project Number: 212C - MD - 03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 12/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T2 (0-1') (H247447-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/09/2024	ND	1.97	98.7	2.00	5.84		
Toluene*	<0.050	0.050	12/09/2024	ND	2.01	101	2.00	4.32		
Ethylbenzene*	<0.050	0.050	12/09/2024	ND	2.04	102	2.00	3.64		
Total Xylenes*	<0.150	0.150	12/09/2024	ND	6.11	102	6.00	3.27		
Total BTEX	<0.300	0.300	12/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	12/10/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2024	ND	232	116	200	2.96	
DRO >C10-C28*	<10.0	10.0	12/09/2024	ND	206	103	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	12/09/2024	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 12/09/2024
 Reported: 12/13/2024
 Project Name: MCBU - SAND DUNES 11CS RELEASE
 Project Number: 212C - MD - 03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 12/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T2 (2-3') (H247447-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/09/2024	ND	1.97	98.7	2.00	5.84		
Toluene*	<0.050	0.050	12/09/2024	ND	2.01	101	2.00	4.32		
Ethylbenzene*	<0.050	0.050	12/09/2024	ND	2.04	102	2.00	3.64		
Total Xylenes*	<0.150	0.150	12/09/2024	ND	6.11	102	6.00	3.27		
Total BTEX	<0.300	0.300	12/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/10/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2024	ND	232	116	200	2.96	
DRO >C10-C28*	<10.0	10.0	12/09/2024	ND	206	103	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	12/09/2024	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 12/09/2024
 Reported: 12/13/2024
 Project Name: MCBU - SAND DUNES 11CS RELEASE
 Project Number: 212C - MD - 03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 12/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T2 (3-4') (H247447-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/09/2024	ND	1.97	98.7	2.00	5.84		
Toluene*	<0.050	0.050	12/09/2024	ND	2.01	101	2.00	4.32		
Ethylbenzene*	<0.050	0.050	12/09/2024	ND	2.04	102	2.00	3.64		
Total Xylenes*	<0.150	0.150	12/09/2024	ND	6.11	102	6.00	3.27		
Total BTEX	<0.300	0.300	12/09/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/10/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2024	ND	232	116	200	2.96	
DRO >C10-C28*	<10.0	10.0	12/09/2024	ND	206	103	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	12/09/2024	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 12/09/2024
 Reported: 12/13/2024
 Project Name: MCBU - SAND DUNES 11CS RELEASE
 Project Number: 212C - MD - 03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 12/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T3 (0-1') (H247447-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/09/2024	ND	1.97	98.7	2.00	5.84		
Toluene*	<0.050	0.050	12/09/2024	ND	2.01	101	2.00	4.32		
Ethylbenzene*	<0.050	0.050	12/09/2024	ND	2.04	102	2.00	3.64		
Total Xylenes*	<0.150	0.150	12/09/2024	ND	6.11	102	6.00	3.27		
Total BTEX	<0.300	0.300	12/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	12/10/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2024	ND	232	116	200	2.96	
DRO >C10-C28*	<10.0	10.0	12/09/2024	ND	206	103	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	12/09/2024	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 12/09/2024
 Reported: 12/13/2024
 Project Name: MCBU - SAND DUNES 11CS RELEASE
 Project Number: 212C - MD - 03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 12/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T3 (2-3') (H247447-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/09/2024	ND	1.97	98.7	2.00	5.84		
Toluene*	<0.050	0.050	12/09/2024	ND	2.01	101	2.00	4.32		
Ethylbenzene*	<0.050	0.050	12/09/2024	ND	2.04	102	2.00	3.64		
Total Xylenes*	<0.150	0.150	12/09/2024	ND	6.11	102	6.00	3.27		
Total BTEX	<0.300	0.300	12/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/10/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2024	ND	232	116	200	2.96	
DRO >C10-C28*	<10.0	10.0	12/09/2024	ND	206	103	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	12/09/2024	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 12/09/2024
 Reported: 12/13/2024
 Project Name: MCBU - SAND DUNES 11CS RELEASE
 Project Number: 212C - MD - 03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 12/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T3 (3-4') (H247447-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/09/2024	ND	1.97	98.7	2.00	5.84		
Toluene*	<0.050	0.050	12/09/2024	ND	2.01	101	2.00	4.32		
Ethylbenzene*	<0.050	0.050	12/09/2024	ND	2.04	102	2.00	3.64		
Total Xylenes*	<0.150	0.150	12/09/2024	ND	6.11	102	6.00	3.27		
Total BTEX	<0.300	0.300	12/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/10/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2024	ND	232	116	200	2.96	
DRO >C10-C28*	<10.0	10.0	12/09/2024	ND	206	103	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	12/09/2024	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 49.1-148

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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	12/09/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	MCBU - SAND DUNES 11CS RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03723	Sample Received By:	Shalyn Rodriguez
Project Location:	CHEVRON - EDDY CO NM		

Sample ID: T4 (0-1') (H247447-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	1.97	98.7	2.00	5.84		
Toluene*	<0.050	0.050	12/10/2024	ND	2.01	101	2.00	4.32		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.04	102	2.00	3.64		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.11	102	6.00	3.27		
Total BTEX	<0.300	0.300	12/10/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/10/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	232	116	200	2.96	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	206	103	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 12/09/2024
 Reported: 12/13/2024
 Project Name: MCBU - SAND DUNES 11CS RELEASE
 Project Number: 212C - MD - 03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 12/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T4 (2-3') (H247447-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	1.97	98.7	2.00	5.84		
Toluene*	<0.050	0.050	12/10/2024	ND	2.01	101	2.00	4.32		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.04	102	2.00	3.64		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.11	102	6.00	3.27		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	232	116	200	2.96	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	206	103	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 12/09/2024
 Reported: 12/13/2024
 Project Name: MCBU - SAND DUNES 11CS RELEASE
 Project Number: 212C - MD - 03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 12/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T4 (3-4') (H247447-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	1.97	98.7	2.00	5.84		
Toluene*	<0.050	0.050	12/10/2024	ND	2.01	101	2.00	4.32		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.04	102	2.00	3.64		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.11	102	6.00	3.27		
Total BTEX	<0.300	0.300	12/10/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	232	116	200	2.96	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	206	103	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 12/09/2024
 Reported: 12/13/2024
 Project Name: MCBU - SAND DUNES 11CS RELEASE
 Project Number: 212C - MD - 03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 12/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: AH 1 (0-1') (H247447-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.19	110	2.00	6.97		
Toluene*	<0.050	0.050	12/10/2024	ND	2.11	106	2.00	6.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.14	107	2.00	5.21		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.40	107	6.00	5.40		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	12/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	2.44	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	210	105	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 12/09/2024
 Reported: 12/13/2024
 Project Name: MCBU - SAND DUNES 11CS RELEASE
 Project Number: 212C - MD - 03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 12/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: AH 2 (0-1') (H247447-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.19	110	2.00	6.97		
Toluene*	<0.050	0.050	12/10/2024	ND	2.11	106	2.00	6.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.14	107	2.00	5.21		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.40	107	6.00	5.40		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	2.44	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	210	105	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 12/09/2024
 Reported: 12/13/2024
 Project Name: MCBU - SAND DUNES 11CS RELEASE
 Project Number: 212C - MD - 03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 12/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: AH 3 (0-1') (H247447-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.19	110	2.00	6.97		
Toluene*	<0.050	0.050	12/10/2024	ND	2.11	106	2.00	6.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.14	107	2.00	5.21		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.40	107	6.00	5.40		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	12/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	2.44	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	210	105	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 133 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 12/09/2024
 Reported: 12/13/2024
 Project Name: MCBU - SAND DUNES 11CS RELEASE
 Project Number: 212C - MD - 03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 12/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: AH 4 (0-1') (H247447-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.19	110	2.00	6.97		
Toluene*	<0.050	0.050	12/10/2024	ND	2.11	106	2.00	6.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.14	107	2.00	5.21		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.40	107	6.00	5.40		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	2.44	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	210	105	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 128 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 12/09/2024
 Reported: 12/13/2024
 Project Name: MCBU - SAND DUNES 11CS RELEASE
 Project Number: 212C - MD - 03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 12/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: AH 5 (0-1') (H247447-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.19	110	2.00	6.97		
Toluene*	<0.050	0.050	12/10/2024	ND	2.11	106	2.00	6.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.14	107	2.00	5.21		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.40	107	6.00	5.40		
Total BTEx	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	880	16.0	12/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	2.44	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	210	105	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 12/09/2024
 Reported: 12/13/2024
 Project Name: MCBU - SAND DUNES 11CS RELEASE
 Project Number: 212C - MD - 03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 12/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: AH 6 (0-1') (H247447-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.19	110	2.00	6.97		
Toluene*	<0.050	0.050	12/10/2024	ND	2.11	106	2.00	6.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.14	107	2.00	5.21		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.40	107	6.00	5.40		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	12/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	2.44	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	210	105	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 12/09/2024
 Reported: 12/13/2024
 Project Name: MCBU - SAND DUNES 11CS RELEASE
 Project Number: 212C - MD - 03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 12/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: AH 7 (0-1') (H247447-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.19	110	2.00	6.97		
Toluene*	<0.050	0.050	12/10/2024	ND	2.11	106	2.00	6.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.14	107	2.00	5.21		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.40	107	6.00	5.40		
Total BTEx	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	2.44	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	210	105	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 12/09/2024
 Reported: 12/13/2024
 Project Name: MCBU - SAND DUNES 11CS RELEASE
 Project Number: 212C - MD - 03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 12/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: AH 8 (0-1') (H247447-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.19	110	2.00	6.97		
Toluene*	<0.050	0.050	12/10/2024	ND	2.11	106	2.00	6.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.14	107	2.00	5.21		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.40	107	6.00	5.40		
Total BTEx	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	12/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	2.44	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	210	105	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 12/09/2024
 Reported: 12/13/2024
 Project Name: MCBU - SAND DUNES 11CS RELEASE
 Project Number: 212C - MD - 03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 12/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: AH 9 (0-1') (H247447-25)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.19	110	2.00	6.97		
Toluene*	<0.050	0.050	12/10/2024	ND	2.11	106	2.00	6.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.14	107	2.00	5.21		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.40	107	6.00	5.40		
Total BTX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	816	16.0	12/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	2.44	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	210	105	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Tetra Tech		P.O. #:		ANALYSIS REQUEST	
Project Manager: Christian Lull		Company: Tetra Tech			
Address: 8911 Capital Of Texas Hwy, Suite 2310		Attn: Christian Lull			
City: Austin		Address: Email			
Phone #: (512) 565-0190 Fax #:		State: TX Zip:			
Project #: 212C-MD-03723 Project Owner: Chevron		City:			
Project Name: MCBV-Sand Dunes 11CS Release		State: Zip:			
Project Location: Eddy County, New Mexico		Phone #:			
Sampler Name: Robert Davis		Fax #:			

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	TPH	BTX	Chloride	SM4500CI-B
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :								
1047447	T1 (0-1)	6	1	X								12-6-24	1140	X	X	X	
	T1 (2-3)	6	1	X								12-6-24	1150	X	X	X	
	T1 (3-4)	6	1	X								12-6-24	1158	X	X	X	
	T1 (5-6)	6	1	X								12-6-24	1205	X	X	X	
	T2 (0-1)	6	1	X								12-6-24	1226	X	X	X	
	T2 (2-3)	6	1	X								12-6-24	1230	X	X	X	
	T2 (3-4)	6	1	X								12-6-24	1240	X	X	X	
	T2 (5-6)	6	1	X								12-6-24	1254	X	X	X	
	T3 (0-1)	6	1	X								12-6-24	1320	X	X	X	
	T3 (2-3)	6	1	X								12-6-24	1330	X	X	X	

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Relinquished By: *Robert Davis* Date: 12-9-24 Time: 12:34 PM Received By: *Spodeigney*

Relinquished By: _____ Date: _____ Time: _____ Received By: _____

Delivered By: (Circle One) Observed Temp. °C: 3.0 Corrected Temp. °C: 2.4 Sample Condition: ☒ Intact ☐ Yes ☐ No Checked By: *SR*

Sampler - UPS - Bus - Other: _____ Corrected Temp. °C: 2.4 ☐ Yes ☐ No

Turnaround Time: _____ Standard ☒ Rush ☐ Bacteria (only) Sample Condition: ☐ Intact ☐ Yes ☐ No Observed Temp. °C: 12.9 Corrected Temp. °C: 12.9

REMARKS: *Sample death correction, per Spodeigney*

Verbal Result: ☐ Yes ☐ No Add'l Phone #: _____

All Results are emailed. Please provide Email address: *Christian.Lull@tetra-tech.com Lisbeth.Chavira@tetra-tech.com*



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

February 05, 2025

LISBETH CHAVIRA

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: SAND DUNES 11 CS RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 01/30/25 14:09.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Coley D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	01/30/2025	Sampling Date:	01/30/2025
Reported:	02/05/2025	Sampling Type:	Soil
Project Name:	SAND DUNES 11 CS RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03723	Sample Received By:	Tamara Oldaker
Project Location:	CHEVRON - EDDY CO NM		

Sample ID: AH - 5R (2-3') (H250574-02)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2025	ND	2.08	104	2.00	2.03	
Toluene*	<0.050	0.050	01/31/2025	ND	2.17	109	2.00	1.64	
Ethylbenzene*	<0.050	0.050	01/31/2025	ND	2.20	110	2.00	1.20	
Total Xylenes*	<0.150	0.150	01/31/2025	ND	6.70	112	6.00	0.481	
Total BTX	<0.300	0.300	01/31/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/31/2025	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2025	ND	179	89.5	200	0.652	
DRO >C10-C28*	<10.0	10.0	01/31/2025	ND	185	92.5	200	0.451	
EXT DRO >C28-C36	<10.0	10.0	01/31/2025	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	01/30/2025	Sampling Date:	01/30/2025
Reported:	02/05/2025	Sampling Type:	Soil
Project Name:	SAND DUNES 11 CS RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03723	Sample Received By:	Tamara Oldaker
Project Location:	CHEVRON - EDDY CO NM		

Sample ID: AH - 6R (2-3') (H250574-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/31/2025	ND	2.08	104	2.00	2.03		
Toluene*	<0.050	0.050	01/31/2025	ND	2.17	109	2.00	1.64		
Ethylbenzene*	<0.050	0.050	01/31/2025	ND	2.20	110	2.00	1.20		
Total Xylenes*	<0.150	0.150	01/31/2025	ND	6.70	112	6.00	0.481		
Total BTEX	<0.300	0.300	01/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/31/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2025	ND	179	89.5	200	0.652	
DRO >C10-C28*	<10.0	10.0	01/31/2025	ND	185	92.5	200	0.451	
EXT DRO >C28-C36	<10.0	10.0	01/31/2025	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	01/30/2025	Sampling Date:	01/30/2025
Reported:	02/05/2025	Sampling Type:	Soil
Project Name:	SAND DUNES 11 CS RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03723	Sample Received By:	Tamara Oldaker
Project Location:	CHEVRON - EDDY CO NM		

Sample ID: AH - 9R (2-3') (H250574-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/31/2025	ND	2.08	104	2.00	2.03		
Toluene*	<0.050	0.050	01/31/2025	ND	2.17	109	2.00	1.64		
Ethylbenzene*	<0.050	0.050	01/31/2025	ND	2.20	110	2.00	1.20		
Total Xylenes*	<0.150	0.150	01/31/2025	ND	6.70	112	6.00	0.481		
Total BTEX	<0.300	0.300	01/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/31/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2025	ND	179	89.5	200	0.652	
DRO >C10-C28*	22.6	10.0	01/31/2025	ND	185	92.5	200	0.451	
EXT DRO >C28-C36	112	10.0	01/31/2025	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	01/30/2025	Sampling Date:	01/30/2025
Reported:	02/05/2025	Sampling Type:	Soil
Project Name:	SAND DUNES 11 CS RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03723	Sample Received By:	Tamara Oldaker
Project Location:	CHEVRON - EDDY CO NM		

Sample ID: AH - 11 (0-1') (H250574-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/31/2025	ND	2.08	104	2.00	2.03		
Toluene*	<0.050	0.050	01/31/2025	ND	2.17	109	2.00	1.64		
Ethylbenzene*	<0.050	0.050	01/31/2025	ND	2.20	110	2.00	1.20		
Total Xylenes*	<0.150	0.150	01/31/2025	ND	6.70	112	6.00	0.481		
Total BTEX	<0.300	0.300	01/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/31/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2025	ND	179	89.5	200	0.652	
DRO >C10-C28*	69.9	10.0	01/31/2025	ND	185	92.5	200	0.451	
EXT DRO >C28-C36	196	10.0	01/31/2025	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	01/30/2025	Sampling Date:	01/30/2025
Reported:	02/05/2025	Sampling Type:	Soil
Project Name:	SAND DUNES 11 CS RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03723	Sample Received By:	Tamara Oldaker
Project Location:	CHEVRON - EDDY CO NM		

Sample ID: AH - 12 (0-1') (H250574-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/31/2025	ND	2.08	104	2.00	2.03		
Toluene*	<0.050	0.050	01/31/2025	ND	2.17	109	2.00	1.64		
Ethylbenzene*	<0.050	0.050	01/31/2025	ND	2.20	110	2.00	1.20		
Total Xylenes*	<0.150	0.150	01/31/2025	ND	6.70	112	6.00	0.481		
Total BTEX	<0.300	0.300	01/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/31/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2025	ND	179	89.5	200	0.652	
DRO >C10-C28*	<10.0	10.0	01/31/2025	ND	185	92.5	200	0.451	
EXT DRO >C28-C36	<10.0	10.0	01/31/2025	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	01/30/2025	Sampling Date:	01/30/2025
Reported:	02/05/2025	Sampling Type:	Soil
Project Name:	SAND DUNES 11 CS RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03723	Sample Received By:	Tamara Oldaker
Project Location:	CHEVRON - EDDY CO NM		

Sample ID: AH - 13 (0-1') (H250574-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/31/2025	ND	2.08	104	2.00	2.03		
Toluene*	<0.050	0.050	01/31/2025	ND	2.17	109	2.00	1.64		
Ethylbenzene*	<0.050	0.050	01/31/2025	ND	2.20	110	2.00	1.20		
Total Xylenes*	<0.150	0.150	01/31/2025	ND	6.70	112	6.00	0.481		
Total BTEX	<0.300	0.300	01/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/31/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2025	ND	179	89.5	200	0.652	
DRO >C10-C28*	<10.0	10.0	01/31/2025	ND	185	92.5	200	0.451	
EXT DRO >C28-C36	<10.0	10.0	01/31/2025	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Tetra Tech

BILL TO

ANALYSIS REQUEST

Project Manager: Lisbeth Chavira
Address: 8911 Capital Of Texas Hwy, Suite 2310
City: Austin State: TX Zip:
Phone #: (512) 565-0190 Fax #:
Project #: 212C-MD-03723 Project Owner: Chevron
Project Name: Sand Dunes 11 CS Release
Project Location: Eddy County, New Mexico
Sample Name: Colton Bickersstaff
P.O. #:
Company: Tetra Tech
Attn: Lisbeth Chavira
Address: EMAIL
City:
State: Zip:
Phone #:
Fax #:

Lab I.D.

Sample I.D.

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH 8015M	BTEX 8021B	Chloride SM4500Cl-B	HOLD
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :						
1	AH-5R (0-1')	G	1	X						1/30/2025					
2	AH-5R (2-3')	G	1	X						1/30/2025					
3	AH-6R (0-1')	G	1	X						1/30/2025					
4	AH-6R (2-3')	G	1	X						1/30/2025					
5	AH-9R (0-1')	G	1	X						1/30/2025					
6	AH-9R (2-3')	G	1	X						1/30/2025					
7	AH-11 (0-1')	G	1	X						1/30/2025					
8	AH-12 (0-1')	G	1	X						1/30/2025					
9	AH-13 (0-1')	G	1	X						1/30/2025					

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Relinquished By:

Date: 1/30/2025

Received By:

Verbal Result: ☐ Yes ☐ No

Add'l Phone #:

Relinquished By:

Date:

Received By:

REMARKS: PLEASE HOLD ANALYSIS ON AH-5R (0-1'), AH-5R (2-3'), AND AH-5R (0-1').

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

Observed Temp. °C
Corrected Temp. °C

Sample Condition
Cool ☒ Moist ☐
☐ No ☐ No

CHECKED BY:
(Initials)

Thermometer Type: ☐ Standard ☒ Bath (only Sample Condition)

Thermometer ID #140
Correction Factor 0°C -0.6°C

☐ Yes ☐ No ☐ Yes ☐ No

FORM-006 R 3.2 10/07/21

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



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

June 11, 2025

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: SAND DUNES 11 CS RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 06/10/25 15:47.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 06/10/2025
 Reported: 06/11/2025
 Project Name: SAND DUNES 11 CS RELEASE
 Project Number: 212C-MD-03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 06/10/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FS- 1 (6") (H253461-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2025	ND	1.79	89.6	2.00	4.05	
Toluene*	<0.050	0.050	06/10/2025	ND	1.86	93.1	2.00	5.86	
Ethylbenzene*	<0.050	0.050	06/10/2025	ND	1.87	93.6	2.00	7.27	
Total Xylenes*	<0.150	0.150	06/10/2025	ND	5.65	94.1	6.00	6.82	
Total BTEX	<0.300	0.300	06/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	06/11/2025	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2025	ND	199	99.3	200	1.48	
DRO >C10-C28*	<10.0	10.0	06/10/2025	ND	199	99.6	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	06/10/2025	ND					

Surrogate: 1-Chlorooctane 83.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	06/10/2025	Sampling Date:	06/10/2025
Reported:	06/11/2025	Sampling Type:	Soil
Project Name:	SAND DUNES 11 CS RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03723	Sample Received By:	Shalyn Rodriguez
Project Location:	CHEVRON - EDDY CO NM		

Sample ID: FS- 2 (6") (H253461-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2025	ND	1.79	89.6	2.00	4.05		
Toluene*	<0.050	0.050	06/10/2025	ND	1.86	93.1	2.00	5.86		
Ethylbenzene*	<0.050	0.050	06/10/2025	ND	1.87	93.6	2.00	7.27		
Total Xylenes*	<0.150	0.150	06/10/2025	ND	5.65	94.1	6.00	6.82		
Total BTEX	<0.300	0.300	06/10/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/11/2025	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2025	ND	199	99.3	200	1.48	
DRO >C10-C28*	<10.0	10.0	06/10/2025	ND	199	99.6	200	0.509	
EXT DRO >C28-C36	20.8	10.0	06/10/2025	ND					

Surrogate: 1-Chlorooctane 86.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 06/10/2025
 Reported: 06/11/2025
 Project Name: SAND DUNES 11 CS RELEASE
 Project Number: 212C-MD-03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 06/10/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FS- 3 (6") (H253461-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2025	ND	1.79	89.6	2.00	4.05		
Toluene*	<0.050	0.050	06/10/2025	ND	1.86	93.1	2.00	5.86		
Ethylbenzene*	<0.050	0.050	06/10/2025	ND	1.87	93.6	2.00	7.27		
Total Xylenes*	<0.150	0.150	06/10/2025	ND	5.65	94.1	6.00	6.82		
Total BTEX	<0.300	0.300	06/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/11/2025	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2025	ND	199	99.3	200	1.48	
DRO >C10-C28*	<10.0	10.0	06/10/2025	ND	199	99.6	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	06/10/2025	ND					

Surrogate: 1-Chlorooctane 90.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.9 % 40.6-153

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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 06/10/2025
 Reported: 06/11/2025
 Project Name: SAND DUNES 11 CS RELEASE
 Project Number: 212C-MD-03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 06/10/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FS- 4 (6") (H253461-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2025	ND	1.79	89.6	2.00	4.05		
Toluene*	<0.050	0.050	06/10/2025	ND	1.86	93.1	2.00	5.86		
Ethylbenzene*	<0.050	0.050	06/10/2025	ND	1.87	93.6	2.00	7.27		
Total Xylenes*	<0.150	0.150	06/10/2025	ND	5.65	94.1	6.00	6.82		
Total BTEX	<0.300	0.300	06/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	06/11/2025	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2025	ND	199	99.3	200	1.48	
DRO >C10-C28*	<10.0	10.0	06/10/2025	ND	199	99.6	200	0.509	
EXT DRO >C28-C36	26.8	10.0	06/10/2025	ND					

Surrogate: 1-Chlorooctane 84.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 06/10/2025
 Reported: 06/11/2025
 Project Name: SAND DUNES 11 CS RELEASE
 Project Number: 212C-MD-03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 06/10/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FS- 5 (3.5') (H253461-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2025	ND	1.79	89.6	2.00	4.05		
Toluene*	<0.050	0.050	06/10/2025	ND	1.86	93.1	2.00	5.86		
Ethylbenzene*	<0.050	0.050	06/10/2025	ND	1.87	93.6	2.00	7.27		
Total Xylenes*	<0.150	0.150	06/10/2025	ND	5.65	94.1	6.00	6.82		
Total BTEX	<0.300	0.300	06/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/11/2025	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2025	ND	199	99.3	200	1.48	
DRO >C10-C28*	<10.0	10.0	06/10/2025	ND	199	99.6	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	06/10/2025	ND					

Surrogate: 1-Chlorooctane 85.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 06/10/2025
 Reported: 06/11/2025
 Project Name: SAND DUNES 11 CS RELEASE
 Project Number: 212C-MD-03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 06/10/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FS- 6 (3.5') (H253461-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2025	ND	1.79	89.6	2.00	4.05		
Toluene*	<0.050	0.050	06/10/2025	ND	1.86	93.1	2.00	5.86		
Ethylbenzene*	<0.050	0.050	06/10/2025	ND	1.87	93.6	2.00	7.27		
Total Xylenes*	<0.150	0.150	06/10/2025	ND	5.65	94.1	6.00	6.82		
Total BTEX	<0.300	0.300	06/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/11/2025	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2025	ND	199	99.3	200	1.48	
DRO >C10-C28*	<10.0	10.0	06/10/2025	ND	199	99.6	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	06/10/2025	ND					

Surrogate: 1-Chlorooctane 94.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.3 % 40.6-153

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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 06/10/2025
 Reported: 06/11/2025
 Project Name: SAND DUNES 11 CS RELEASE
 Project Number: 212C-MD-03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 06/10/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FS- 7 (1.5') (H253461-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2025	ND	1.79	89.6	2.00	4.05		
Toluene*	<0.050	0.050	06/10/2025	ND	1.86	93.1	2.00	5.86		
Ethylbenzene*	<0.050	0.050	06/10/2025	ND	1.87	93.6	2.00	7.27		
Total Xylenes*	<0.150	0.150	06/10/2025	ND	5.65	94.1	6.00	6.82		
Total BTEX	<0.300	0.300	06/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/11/2025	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2025	ND	199	99.3	200	1.48	
DRO >C10-C28*	<10.0	10.0	06/10/2025	ND	199	99.6	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	06/10/2025	ND					

Surrogate: 1-Chlorooctane 94.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.2 % 40.6-153

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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	06/10/2025	Sampling Date:	06/10/2025
Reported:	06/11/2025	Sampling Type:	Soil
Project Name:	SAND DUNES 11 CS RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03723	Sample Received By:	Shalyn Rodriguez
Project Location:	CHEVRON - EDDY CO NM		

Sample ID: FS- 8 (1.5') (H253461-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2025	ND	1.79	89.6	2.00	4.05		
Toluene*	<0.050	0.050	06/10/2025	ND	1.86	93.1	2.00	5.86		
Ethylbenzene*	<0.050	0.050	06/10/2025	ND	1.87	93.6	2.00	7.27		
Total Xylenes*	<0.150	0.150	06/10/2025	ND	5.65	94.1	6.00	6.82		
Total BTEX	<0.300	0.300	06/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/11/2025	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2025	ND	199	99.3	200	1.48	
DRO >C10-C28*	<10.0	10.0	06/10/2025	ND	199	99.6	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	06/10/2025	ND					

Surrogate: 1-Chlorooctane 88.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 06/10/2025
 Reported: 06/11/2025
 Project Name: SAND DUNES 11 CS RELEASE
 Project Number: 212C-MD-03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 06/10/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FS- 9 (1.5') (H253461-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2025	ND	1.79	89.6	2.00	4.05		
Toluene*	<0.050	0.050	06/10/2025	ND	1.86	93.1	2.00	5.86		
Ethylbenzene*	<0.050	0.050	06/10/2025	ND	1.87	93.6	2.00	7.27		
Total Xylenes*	<0.150	0.150	06/10/2025	ND	5.65	94.1	6.00	6.82		
Total BTEX	<0.300	0.300	06/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/11/2025	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2025	ND	199	99.3	200	1.48	
DRO >C10-C28*	<10.0	10.0	06/10/2025	ND	199	99.6	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	06/10/2025	ND					

Surrogate: 1-Chlorooctane 89.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 06/10/2025
 Reported: 06/11/2025
 Project Name: SAND DUNES 11 CS RELEASE
 Project Number: 212C-MD-03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 06/10/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FS- 10 (1.5') (H253461-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2025	ND	1.79	89.6	2.00	4.05		
Toluene*	<0.050	0.050	06/10/2025	ND	1.86	93.1	2.00	5.86		
Ethylbenzene*	<0.050	0.050	06/10/2025	ND	1.87	93.6	2.00	7.27		
Total Xylenes*	<0.150	0.150	06/10/2025	ND	5.65	94.1	6.00	6.82		
Total BTEX	<0.300	0.300	06/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/11/2025	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2025	ND	199	99.3	200	1.48	
DRO >C10-C28*	<10.0	10.0	06/10/2025	ND	199	99.6	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	06/10/2025	ND					

Surrogate: 1-Chlorooctane 93.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	06/10/2025	Sampling Date:	06/10/2025
Reported:	06/11/2025	Sampling Type:	Soil
Project Name:	SAND DUNES 11 CS RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03723	Sample Received By:	Shalyn Rodriguez
Project Location:	CHEVRON - EDDY CO NM		

Sample ID: ESW - 1 (H253461-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2025	ND	1.79	89.6	2.00	4.05		
Toluene*	<0.050	0.050	06/10/2025	ND	1.86	93.1	2.00	5.86		
Ethylbenzene*	<0.050	0.050	06/10/2025	ND	1.87	93.6	2.00	7.27		
Total Xylenes*	<0.150	0.150	06/10/2025	ND	5.65	94.1	6.00	6.82		
Total BTEX	<0.300	0.300	06/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/11/2025	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2025	ND	199	99.3	200	1.48	
DRO >C10-C28*	<10.0	10.0	06/10/2025	ND	199	99.6	200	0.509	
EXT DRO >C28-C36	16.0	10.0	06/10/2025	ND					

Surrogate: 1-Chlorooctane 77.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	06/10/2025	Sampling Date:	06/10/2025
Reported:	06/11/2025	Sampling Type:	Soil
Project Name:	SAND DUNES 11 CS RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03723	Sample Received By:	Shalyn Rodriguez
Project Location:	CHEVRON - EDDY CO NM		

Sample ID: ESW - 2 (H253461-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2025	ND	1.79	89.6	2.00	4.05		
Toluene*	<0.050	0.050	06/10/2025	ND	1.86	93.1	2.00	5.86		
Ethylbenzene*	<0.050	0.050	06/10/2025	ND	1.87	93.6	2.00	7.27		
Total Xylenes*	<0.150	0.150	06/10/2025	ND	5.65	94.1	6.00	6.82		
Total BTEX	<0.300	0.300	06/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/11/2025	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2025	ND	199	99.3	200	1.48	
DRO >C10-C28*	<10.0	10.0	06/10/2025	ND	199	99.6	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	06/10/2025	ND					

Surrogate: 1-Chlorooctane 87.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 06/10/2025
 Reported: 06/11/2025
 Project Name: SAND DUNES 11 CS RELEASE
 Project Number: 212C-MD-03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 06/10/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: ESW - 3 (H253461-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2025	ND	1.79	89.6	2.00	4.05		
Toluene*	<0.050	0.050	06/10/2025	ND	1.86	93.1	2.00	5.86		
Ethylbenzene*	<0.050	0.050	06/10/2025	ND	1.87	93.6	2.00	7.27		
Total Xylenes*	<0.150	0.150	06/10/2025	ND	5.65	94.1	6.00	6.82		
Total BTEX	<0.300	0.300	06/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/11/2025	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2025	ND	199	99.3	200	1.48	
DRO >C10-C28*	<10.0	10.0	06/10/2025	ND	199	99.6	200	0.509	
EXT DRO >C28-C36	18.5	10.0	06/10/2025	ND					

Surrogate: 1-Chlorooctane 83.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 06/10/2025
 Reported: 06/11/2025
 Project Name: SAND DUNES 11 CS RELEASE
 Project Number: 212C-MD-03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 06/10/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: WSW - 1 (H253461-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2025	ND	1.79	89.6	2.00	4.05		
Toluene*	<0.050	0.050	06/10/2025	ND	1.86	93.1	2.00	5.86		
Ethylbenzene*	<0.050	0.050	06/10/2025	ND	1.87	93.6	2.00	7.27		
Total Xylenes*	<0.150	0.150	06/10/2025	ND	5.65	94.1	6.00	6.82		
Total BTEX	<0.300	0.300	06/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/11/2025	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2025	ND	199	99.3	200	1.48	
DRO >C10-C28*	<10.0	10.0	06/10/2025	ND	199	99.6	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	06/10/2025	ND					

Surrogate: 1-Chlorooctane 89.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 06/10/2025
 Reported: 06/11/2025
 Project Name: SAND DUNES 11 CS RELEASE
 Project Number: 212C-MD-03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 06/10/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: WSW - 2 (H253461-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2025	ND	1.79	89.6	2.00	4.05		
Toluene*	<0.050	0.050	06/10/2025	ND	1.86	93.1	2.00	5.86		
Ethylbenzene*	<0.050	0.050	06/10/2025	ND	1.87	93.6	2.00	7.27		
Total Xylenes*	<0.150	0.150	06/10/2025	ND	5.65	94.1	6.00	6.82		
Total BTEX	<0.300	0.300	06/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/11/2025	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2025	ND	199	99.3	200	1.48	
DRO >C10-C28*	<10.0	10.0	06/10/2025	ND	199	99.6	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	06/10/2025	ND					

Surrogate: 1-Chlorooctane 88.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 06/10/2025
 Reported: 06/11/2025
 Project Name: SAND DUNES 11 CS RELEASE
 Project Number: 212C-MD-03723
 Project Location: CHEVRON - EDDY CO NM

Sampling Date: 06/10/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: WSW - 3 (H253461-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2025	ND	1.79	89.6	2.00	4.05		
Toluene*	<0.050	0.050	06/10/2025	ND	1.86	93.1	2.00	5.86		
Ethylbenzene*	<0.050	0.050	06/10/2025	ND	1.87	93.6	2.00	7.27		
Total Xylenes*	<0.150	0.150	06/10/2025	ND	5.65	94.1	6.00	6.82		
Total BTEX	<0.300	0.300	06/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/11/2025	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2025	ND	199	99.3	200	1.48	
DRO >C10-C28*	<10.0	10.0	06/10/2025	ND	199	99.6	200	0.509	
EXT DRO >C28-C36	17.8	10.0	06/10/2025	ND					

Surrogate: 1-Chlorooctane 87.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	06/10/2025	Sampling Date:	06/10/2025
Reported:	06/11/2025	Sampling Type:	Soil
Project Name:	SAND DUNES 11 CS RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03723	Sample Received By:	Shalyn Rodriguez
Project Location:	CHEVRON - EDDY CO NM		

Sample ID: SSW - 1 (H253461-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2025	ND	1.79	89.6	2.00	4.05		
Toluene*	<0.050	0.050	06/10/2025	ND	1.86	93.1	2.00	5.86		
Ethylbenzene*	<0.050	0.050	06/10/2025	ND	1.87	93.6	2.00	7.27		
Total Xylenes*	<0.150	0.150	06/10/2025	ND	5.65	94.1	6.00	6.82		
Total BTEX	<0.300	0.300	06/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/11/2025	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2025	ND	199	99.3	200	1.48	
DRO >C10-C28*	<10.0	10.0	06/10/2025	ND	199	99.6	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	06/10/2025	ND					

Surrogate: 1-Chlorooctane 82.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	06/10/2025	Sampling Date:	06/10/2025
Reported:	06/11/2025	Sampling Type:	Soil
Project Name:	SAND DUNES 11 CS RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03723	Sample Received By:	Shalyn Rodriguez
Project Location:	CHEVRON - EDDY CO NM		

Sample ID: NSW - 1 (H253461-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2025	ND	1.79	89.6	2.00	4.05		
Toluene*	<0.050	0.050	06/10/2025	ND	1.86	93.1	2.00	5.86		
Ethylbenzene*	<0.050	0.050	06/10/2025	ND	1.87	93.6	2.00	7.27		
Total Xylenes*	<0.150	0.150	06/10/2025	ND	5.65	94.1	6.00	6.82		
Total BTEX	<0.300	0.300	06/10/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/11/2025	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2025	ND	199	99.3	200	1.48	
DRO >C10-C28*	<10.0	10.0	06/10/2025	ND	199	99.6	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	06/10/2025	ND					

Surrogate: 1-Chlorooctane 83.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

Page 21 of 22



Company Name: Tetra Tech

ANALYSIS REQUEST

[illegible]

Relinquished By: Will Erlandson

Verbal Result:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Add'l Phone #:
All Results are emailed. Please provide Email address: Christian.Luill@tetratech.com			

Received By:

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



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

May 23, 2025

LISBETH CHAVIRA

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: WINDWARD WEST CTB FLOWLINE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 05/22/25 15:08.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 LISBETH CHAVIRA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	05/22/2025	Sampling Date:	05/22/2025
Reported:	05/23/2025	Sampling Type:	Soil
Project Name:	WINDWARD WEST CTB FLOWLINE RELE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03441A	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: BACKFILL - COMPOSITE (H253078-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/22/2025	ND	2.21	110	2.00	3.62		
Toluene*	<0.050	0.050	05/22/2025	ND	2.23	111	2.00	3.73		
Ethylbenzene*	<0.050	0.050	05/22/2025	ND	2.17	108	2.00	3.45		
Total Xylenes*	<0.150	0.150	05/22/2025	ND	6.38	106	6.00	3.65		
Total BTEX	<0.300	0.300	05/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/23/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/22/2025	ND	185	92.6	200	0.540	
DRO >C10-C28*	<10.0	10.0	05/22/2025	ND	182	90.9	200	5.18	
EXT DRO >C28-C36	<10.0	10.0	05/22/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Tetra Tech Project Manager: Lisbeth Chavira Address: 8911 Capital o Texas Hwy, Suite 2310 City: Austin State: TX Zip: _____ Phone #: (512)565-0190 Fax #: _____ Project #: 212C-MD-03441A Project Owner: ConocoPhillips Project Name: Windward West CTB Releases Project Location: Lea County, New Mexico Sampler Name: Colton Bickersstaff										BILL TO P.O. #: _____ Company: Tetra Tech Attn: Lisbeth Chavira Address: EMAIL City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____										ANALYSIS REQUEST									
FOR LAB USE ONLY Lab I.D. _____ Sample I.D. _____ Backfill-Composite _____										(G)RAB OR (C)OMP. _____ # CONTAINERS _____ GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ OTHER : _____ ACID/BASE: _____ ICE / COOL _____ OTHER : _____ DATE _____ TIME _____										TPH 8015M _____ BTEX 8021B _____ Chloride SM4500Cl-B _____									
DELIVERED BY: (Circle One) Delivered - UPS - Bus - Other: _____										OBSERVED TEMP, °C _____ Corrected Temp, °C _____ Sample Condition _____ Cool / Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Dirty <input type="checkbox"/> Yes <input type="checkbox"/> No										CHECKED BY: _____ (Initials) _____ Thermometer ID: _____ Thermometer Factor: _____ Correction Factor: _____									
REINQUISHED BY: Colton Bickersstaff Date: 5/22/25 Time: 1508 Received By: _____ Date: _____ Time: _____										Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide Email address: Lisbeth.Chavira@tetratech.com REMARKS: Backfill-Composite sample collected at Twin Wells Ranch Pit located at 132.2095278, -101.7500000																			

APPENDIX D

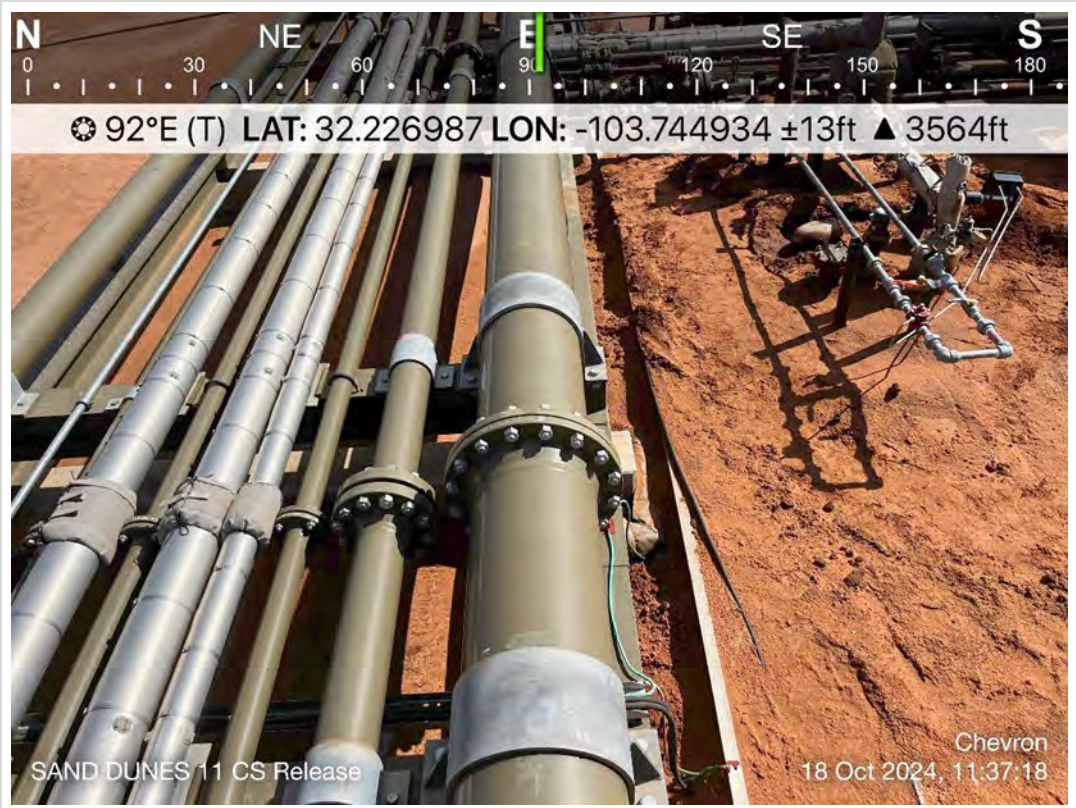
Photographic Documentation



TETRA TECH, INC. PROJECT NO. 212C-MD-03723	DESCRIPTION	Site Signage.	1
	SITE NAME	Sand Dunes 11 CS Release	10/18/2024



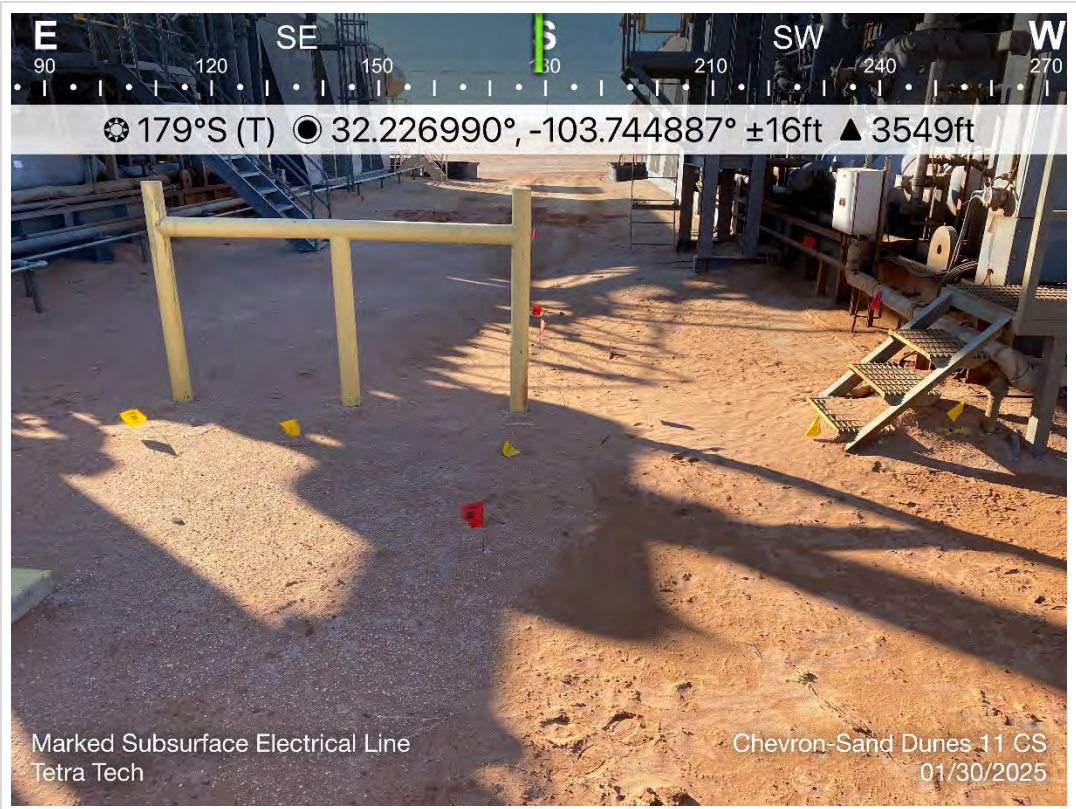
TETRA TECH, INC. PROJECT NO. 212C-MD-03723	DESCRIPTION	View north. View of release footprint and site compressors.	2
	SITE NAME	Sand Dunes 11 CS Release	10/18/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-03723	DESCRIPTION	View east. View of aboveground production lines.	3
	SITE NAME	Sand Dunes 11 CS Release	10/18/2024



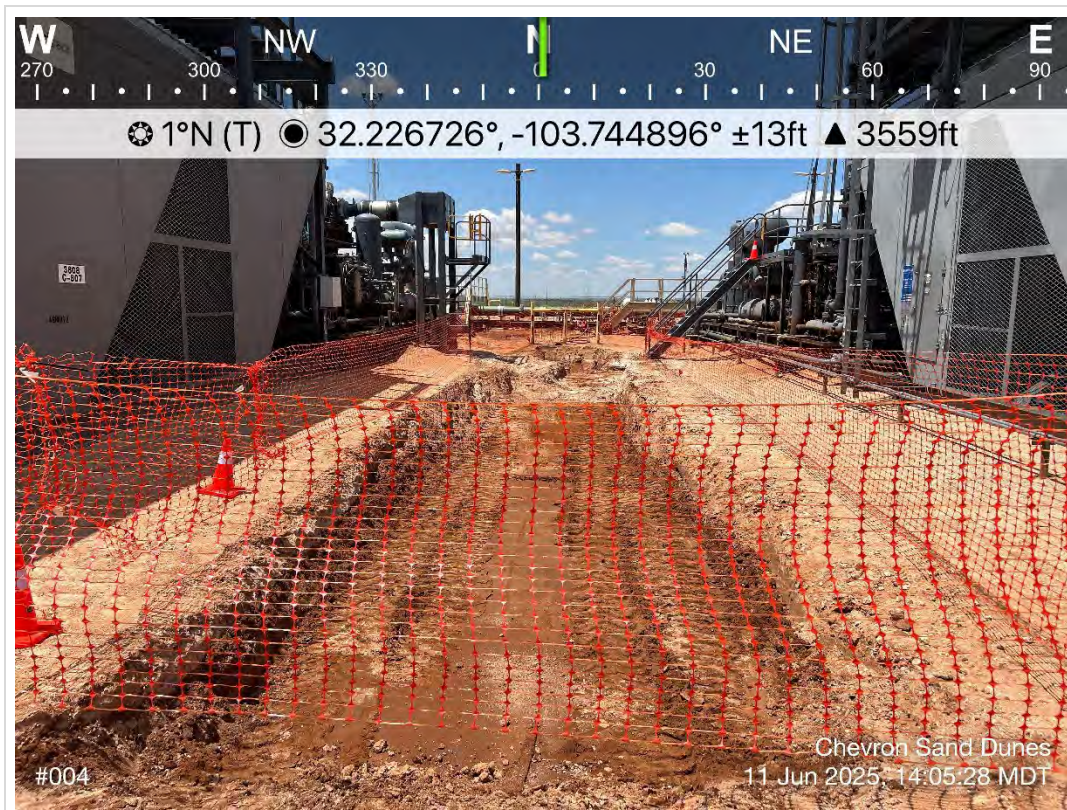
TETRA TECH, INC. PROJECT NO. 212C-MD-03723	DESCRIPTION	View east. View of north release footprint.	4
	SITE NAME	Sand Dunes 11 CS Release	10/18/2024



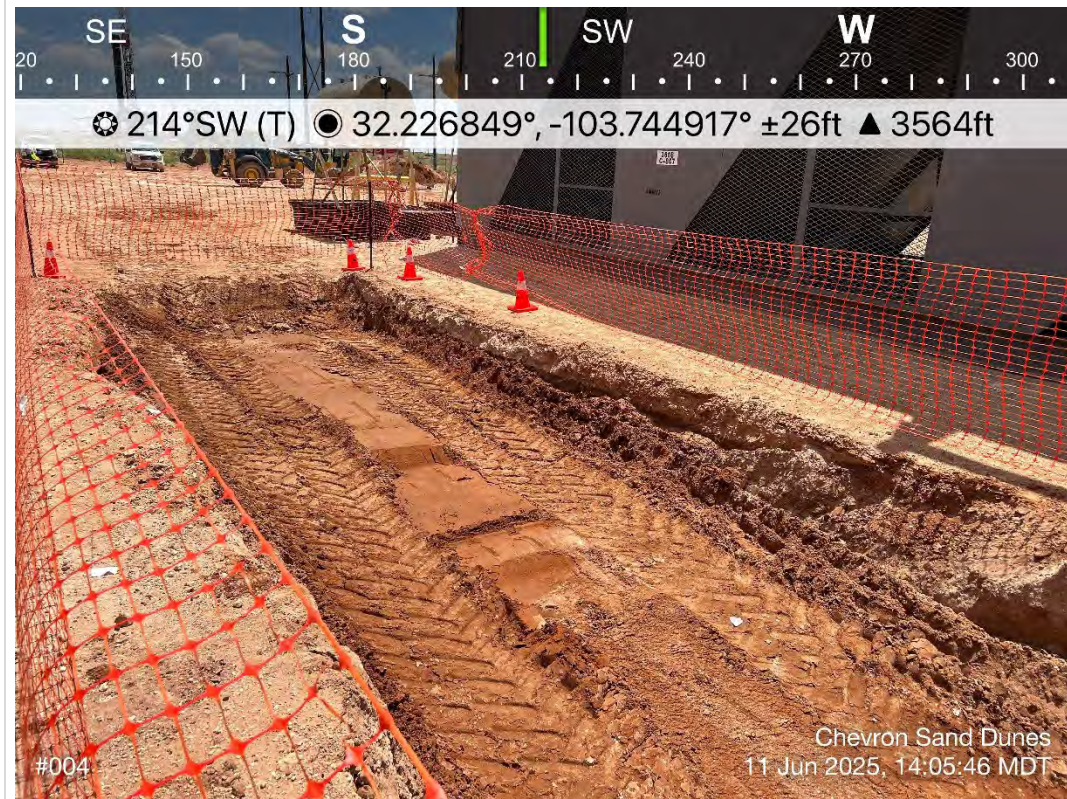
TETRA TECH, INC. PROJECT NO. 212C-MD-03723	DESCRIPTION	View south. View subsurface line and electrical line.	5
	SITE NAME	Sand Dunes 11 CS Release	1/30/2025



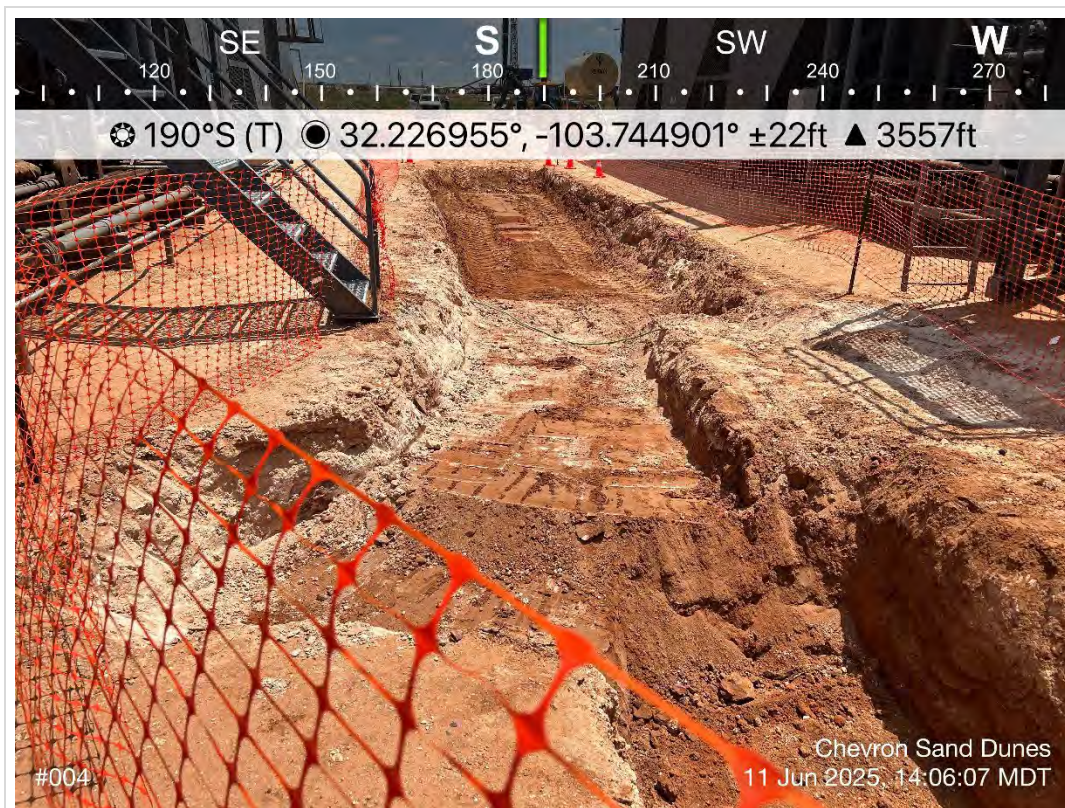
TETRA TECH, INC. PROJECT NO. 212C-MD-03723	DESCRIPTION	View northeast. View of aboveground production line. View of subsurface lines.	6
	SITE NAME	Sand Dunes 11 CS Release	1/30/2025



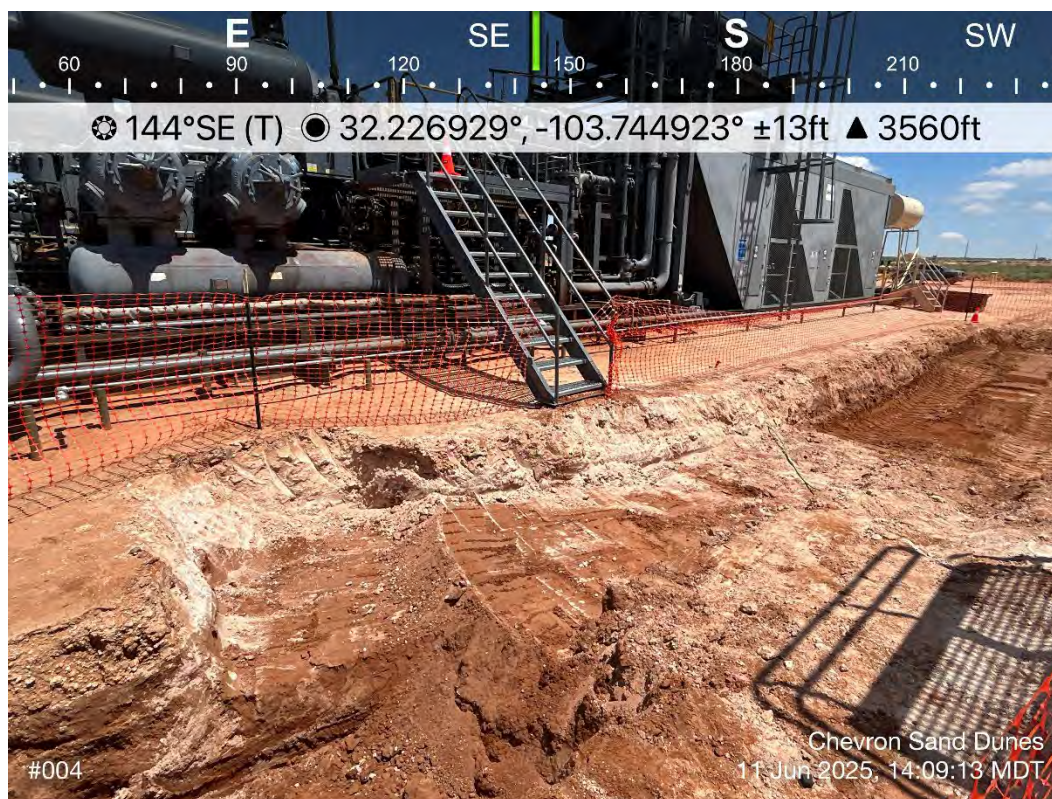
TETRA TECH, INC. PROJECT NO. 212C-MD-03723	DESCRIPTION	View North. View of remedial activities in between compressors.	7
	SITE NAME	Sand Dunes 11 CS Release	6/11/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03723	DESCRIPTION	View southwest. View of remedial activities in between compressors.	8
	SITE NAME	Sand Dunes 11 CS Release	6/11/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03723	DESCRIPTION	View south. View of remedial activities in between compressors.	9
	SITE NAME	Sand Dunes 11 CS Release	6/11/2025



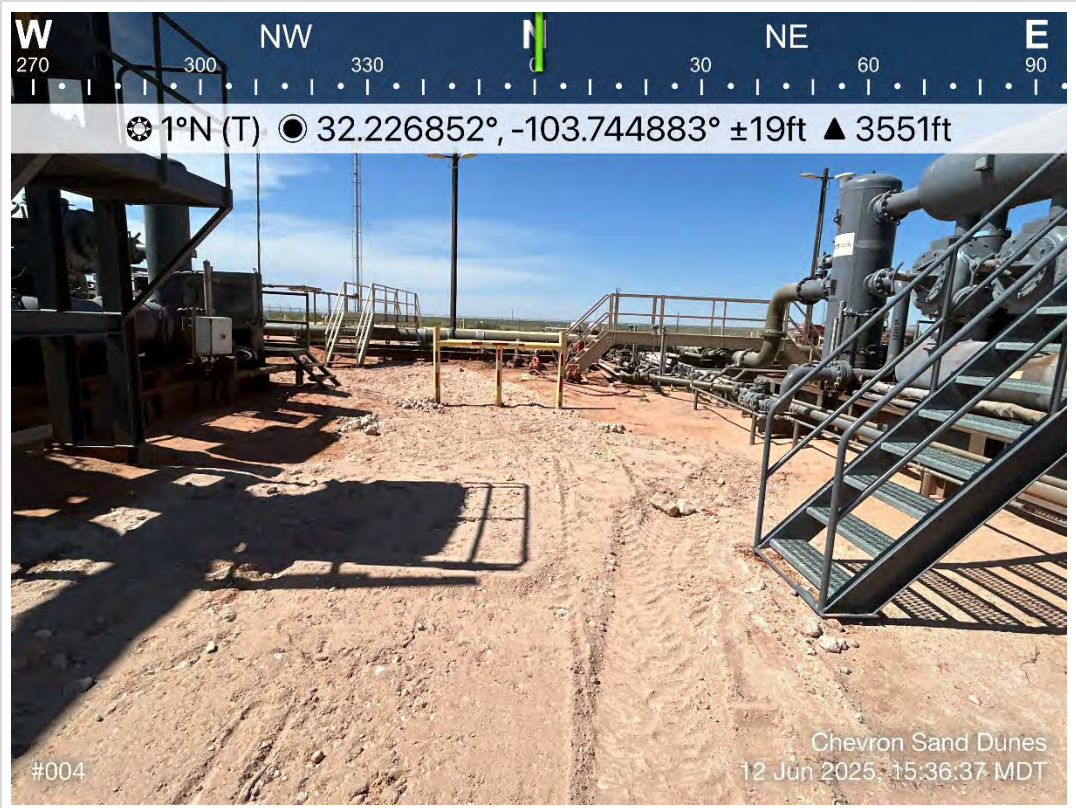
TETRA TECH, INC. PROJECT NO. 212C-MD-03723	DESCRIPTION	View southeast. View of remedial activities in between compressors.	10
	SITE NAME	Sand Dunes 11 CS Release	6/11/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03723	DESCRIPTION	View north. View of surface scrape.	11
	SITE NAME	Sand Dunes 11 CS Release	6/11/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03723	DESCRIPTION	View northeast. View of surface scrape.	12
	SITE NAME	Sand Dunes 11 CS Release	6/12/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03723	DESCRIPTION	View north. View of backfilled excavation area.	13
	SITE NAME	Sand Dunes 11 CS Release	6/12/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03723	DESCRIPTION	View north. View of backfilled excavation area.	14
	SITE NAME	Sand Dunes 11 CS Release	6/12/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03723	DESCRIPTION	View north. View of backfilled scape area.	15
	SITE NAME	Sand Dunes 11 CS Release	6/12/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03723	DESCRIPTION	View southeast. View north. View of backfilled scape area.	16
	SITE NAME	Sand Dunes 11 CS Release	6/12/2025

APPENDIX E

Regulatory Correspondence

OCD Permitting

Home Searches Incidents Incident Details

NAPP2426463181 SAND DUNES 11 CS @ 0

General Incident Information

Site Name:

SAND DUNES 11 CS

Well:

Facility:

[\[APP2123762022\]](#) Sand Dunes 11 CS

Operator:

[\[4323\]](#) CHEVRON U S A INC

Status:

Initial C-141 Approved, Pending submission of Site Characterization / Remediation Plan OR Remediation Closure Report from the operator

Type:

Produced Water Release

Severity:

Minor

Surface Owner:

Federal

District:

Artesia

County:

Eddy (15)

Incident Location:

M-11-24S-31E 0 FNL 0 FEL

Lat/Long:

32.227111,-103.744528 NAD83

Directions:

Quic

• [Gene](#)

• [Mater](#)

• [Event](#)

• [Order](#)

• [Actior](#)

Asso

• [Facilit](#)

• [Incide](#)

New

• [New f](#)

• [New I](#)

• [New C](#)

• [New f](#)

• [New 6](#)

• [New 1](#)

• [New \](#)

Notes

Source of Referral:

Industry Rep

Action / Escalation:

Resulted In Fire:

☐

Resulted In Injury:

☐

Endangered Public Health:

☐

Will or Has Reached Watercourse:

☐

Fresh Water Contamination:

☐

Property Or Environmental Damage:

☐

Contact Details

Contact Name:

Contact Title:

Event Dates

Date of Discovery:

09/18/2024

Initial C-141 Report Due:

10/3/2024

Remediation Closure Report Due:

03/17/2025

Incident Dates

Type	Action	Received	Denied	Approved
Initial C-141 Report	[388596]	10/02/2024		10/02/2024
Notification	[385532]	09/20/2024		09/20/2024

Compositional Analysis of Vented and/or Flared Natural Gas

No Compositional Analysis Found

https://www.wapps.emnwd.com/o/oCD/OCDPermitting/Data/Incidents/IncidentDetails.aspx?id=nAPP2426463181

Released to Imaging: 8/29/2025 2:12:38 PM

1/3

Searches Operator Data Hearing Fee Application

Overflow - Tank, Pit, Etc.	Tank (Any)	Produced Water	<input type="checkbox"/>	4	0	4	BBL
Overflow - Tank, Pit, Etc.	Tank (Any)	Crude Oil	<input type="checkbox"/>	1	0	1	BBL
The concentration of dissolved chloride in the produced water >10,000 mg/l: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No							

Incident Events

Date	Detail
12/17/2024	Extension request approved. Due date 03/17/2025
12/17/2024	Chevron would like to request a 90-day extension (until March 17, 2025) to complete assessment and remedial activities and associated reporting for the Sand Dunes 11 CS Release Site (NAPP2426463181). As of this week, Chevron has safely completed assessment activities at the Site to evaluate the status of the identified open incident # NAPP2426463181, however, a path forward has not yet been established. Given the complexities of this release footprint and site, including numerous surface and subsurface utilities within the release footprint, assessment and delineation work at the project site must be completed safely and in accordance with established Chevron MCBU policies and procedures. Additional time is required to proceed to remediation of soils to meet the standards of Table I of 19.15.29.12 NMAC or other applicable remediation standards and restore and reclaim the area pursuant to 19.15.29.13 NMAC.
10/02/2024	The (10/02/2024, C-141) application [388596] was accepted by OCD. The operator was emailed with details of this event.
10/02/2024	An application [388596] was submitted to OCD for review. It was submitted, indicating that it was an: [C-141] Application for administrative approval of a release notification and corrective action The operator was emailed confirmation of this event.
09/30/2024	The (10/02/2024, C-141) application [388596] was assigned to this incident.
09/20/2024	The (09/20/2024, NOR) application [385532] was assigned to this incident.
09/20/2024	New incident created by the operator, upon the submission of notification of release.
09/18/2024	Release discovered by the operator.

Incident Severity

Major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
--	--

Incident Corrective Actions

Initial Response

<input checked="" type="checkbox"/> The source of the release has been stopped.
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.
<input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Searches Operator Data Hearing Fee Application

On what date will (or did) the final sampling occur?

On what date will (or was) the remediation complete(d)

Release is indicated as not yet fully delineated. Any Deferral Requests received may not be granted for this incident.

No remediation closure report data was found for this incident.

No reclamation report data was found for this incident.

No re-vegetation report data was found for this incident.

Orders

No Orders Found

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 442931

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 442931
	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 200 ft2. The surface scrape area in the north end of the spill requires confirmation sampling. The work will need to occur in 90 days after the work plan has been reviewed.	3/24/2025

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 468429

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 468429
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2426463181
Incident Name	NAPP2426463181 SAND DUNES 11 CS @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved
Incident Facility	[fAPP2123762022] Sand Dunes 11 CS

Location of Release Source	
Site Name	SAND DUNES 11 CS
Date Release Discovered	09/18/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	1,989
What is the estimated number of samples that will be gathered	17
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/09/2025
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Will Erlendson Work:432-895-9810 Email:will.erlendson@tetrattech.com
Please provide any information necessary for navigation to sampling site	Sand Dunes 11 CS Release Eddy County, New Mexico 32.227018°, -103.744919° BLM

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/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 468429

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 468429
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
klincoln	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.	5/28/2025

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 468430

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 468430
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2426463181
Incident Name	NAPP2426463181 SAND DUNES 11 CS @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved
Incident Facility	[fAPP2123762022] Sand Dunes 11 CS

Location of Release Source	
Site Name	SAND DUNES 11 CS
Date Release Discovered	09/18/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	1,989
What is the estimated number of samples that will be gathered	17
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/10/2025
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Will Erlendson Work:432-895-9810 Email:will.erlendson@tetrattech.com
Please provide any information necessary for navigation to sampling site	Sand Dunes 11 CS Release Eddy County, New Mexico 32.227018°, -103.744919° Sampling will be taking place throughout the week

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/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 468430

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 468430
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
klincoln	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.	5/28/2025

APPENDIX F

Waste Manifest

<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> CHEVRON MCBU </div> <div style="width: 40%; text-align: center;"> Carlsbad, NM </div> </div>											
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> API: 30-015-49007 CL: UCEC8C01Y </div> </div>											
NO #CAR- 4848 NON-HAZARDOUS WASTE MANIFEST					1. PAGE ___ OF ___		2. TRAILER NO.				
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676		4. ADDRESS 5301 LOMAS DR. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 6/11/25					
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.	
	a. Deodorized H ₂ O / Sand Soil 43							18 yds			
	b. Deodorized H ₂ O / Sand Soil 55							18 yds			
	c. Deodorized H ₂ O / Sand Soil 15							18 yds			
d. Deodorized H ₂ O / Sand Soil 13							18 yds				
12. COMMENTS OR SPECIAL INSTRUCTIONS: Please forward to: Austin Adams @ - Austin.adams@chevron.com Sand Dunes CSN I WNT							13. WASTE PROFILE NO.				
14. IN CASE OF EMERGENCY OR SPILL, CONTACT											
CHEVRON CARLSBAD							24-HOUR EMERGENCY NO. 575-887-5676				
15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.											
T R A N S P O R T E R S	16. TRANSPORTER (1) NAME McNabb Services IN CASE OF EMERGENCY CONTACT: William Ray Furze EMERGENCY PHONE: 575-790-8072					17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:					
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <u>William Ray Furze</u> SIGNATURE <u>[Signature]</u> DATE <u>6/11/25</u>					19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME _____ SIGNATURE _____ DATE _____					
D I S P O S I T Y	ADDRESS:		PHONE:			PERMIT NO.					
	20. COMMENTS					21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
	AUTHORIZED SIGNATURE					CELL NO.		DATE		TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 5301 Lomas Dr., Carlsbad, NM 88220

<div style="display: flex; justify-content: space-between;"> API: 30-015-49007 <div style="text-align: center;"> <h1 style="margin: 0;">CHEVRON</h1> <h2 style="margin: 0;">MCBU</h2> </div> CC: UCEC8C01Y </div> <div style="text-align: center; margin-top: 10px;"> <h3 style="margin: 0;">Carlsbad, NM</h3> </div>										
NO #CAR- 4648 NON-HAZARDOUS WASTE MANIFEST						1. PAGE ____ OF ____		2. TRAILER NO.		
GENERATOR	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676			4. ADDRESS 5301 LOMAS DR. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 6/11/25			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:						8. CONTAINERS No. Type		9. TOTAL QUANTITY	
	a. Produced H₂O / Sand Soil 45								18 yds	
	b. Produced H₂O / Sand Soil 35								18 yds	
	c. Produced H₂O / Sand Soil 35								18 yds	
TRANSPORTER	d. Produced H₂O / Sand Soil 18								18 yds	
	12. COMMENTS OR SPECIAL INSTRUCTIONS: Please forward to: Austin Adams @ - Austin.adams@chevron.com Sand Dunes Cell I WNT						13. WASTE PROFILE NO.			
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT									
	CHEVRON CARLSBAD API 30-015-49007						24-HOUR EMERGENCY NO. 575-887-5676			
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
DISPOSAL SITE	PRINTED TYPED NAME KRESTON KIZER URLIT 575 266 2666				SIGNATURE 				DATE	
	16. TRANSPORTER (1) NAME McNabb Services				17. TRANSPORTER (2) NAME					
	IN CASE OF EMERGENCY CONTACT: Luther Ray Austin				IN CASE OF EMERGENCY CONTACT:					
	EMERGENCY PHONE: 575-290-8072				EMERGENCY PHONE:					
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME McNabb Jish Busby SIGNATURE DATE 6/11/25				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME _____ SIGNATURE _____ DATE _____					
DISPOSAL SITE	ADDRESS:			PHONE:						
	PERMIT NO.			20. COMMENTS						
	21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.									
	AUTHORIZED SIGNATURE				CELL NO.		DATE		TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 5301 Lomas Dr., Carlsbad, NM 88220

MCBU

Carlsbad, NM

NO #CAR-	NON-HAZARDOUS WASTE MANIFEST	1. PAGE ____ OF ____	2. TRAILER NO. ____
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G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676		4. ADDRESS 5301 LOMAS DR. CITY CARLSBAD, NM STATE 88220 ZIP		5. PICK-UP DATE 6/11/25			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:				8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.
	a.							
	b.							
	c.							
T R A N S P O R T E R S	d.							
	12. COMMENTS OR SPECIAL INSTRUCTIONS:					13. WASTE PROFILE NO.		
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD 24-HOUR EMERGENCY NO. 575-887-5676							
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.							
	PRINTED TYPED NAME Wesley Kizer				SIGNATURE <i>[Signature]</i>		DATE 6/11/25	
D I S C I P L I N A R Y	16. TRANSPORTER (1) NAME DeNabbs IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: 575-701-1072				17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:			
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Wesley Kizer SIGNATURE <i>[Signature]</i> DATE 6/11/25				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE			
	ADDRESS:				PHONE:			
	PERMIT NO.				20. COMMENTS			
	21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes. AUTHORIZED SIGNATURE CELL NO. DATE TIME							

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 5301 Lomas Dr., Carlsbad, NM 88220



Customer Copy



Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

---WASTE TICKET---

Ticket # 330383
Start: 06/11/2025 02:53 PM
End: 06/11/2025 02:58 PM
By: DWL.Ivan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
18	0	18	\$0.01	\$0.18
Hauler: McNabb Services Driver: Josh Busby Lease: SND 11 2 Fed Com 004 P27 Well: 216H AFE #: N/A County, State: EDDY (NM) API #: 3001549007 Client Company Man: Austin Adams Rig Name & Number: N/A Trucking Co Ticket #: N/A Client Cost Center: UCECSC01Y Truck Type: Dump Truck UDM: CuYd UDM Count: 18 PF Test Result: Pass H2S Test: Pass				
H2S Testing - PASS				
1	0	1	\$0.00	\$0.00
Paint Filter - PASS				
1	0	1	\$0.00	\$0.00
NORM - PASS				
1	0	1	\$0.00	\$0.00
Additional Photos				
1	0	1	\$0.00	\$0.00
22		0.0 lbs	\$0.01	\$0.18
SUBTOTAL --->				\$0.18
TAX --->				\$0.01
ROUNDING --->				\$0.00
TOTAL --->				\$0.19

Date	Type	Amount
	CASH	\$0.19

Customer: Chevron U.S.A. Inc. Contract No.
2022.005669
Driver: Kim Beebe



Customer Copy



Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

---WASTE TICKET---

Ticket # 330346

Start: 06/11/2025 11:46 AM

End: 06/11/2025 11:54 AM

By: OWL, Ivan

GROSS	TARE	NET	PRICE	AMOUNT
-------	------	-----	-------	--------

Contaminated Soil	18	0	18	\$0.01	\$0.18
-------------------	----	---	----	--------	--------

Hauler: McNabb Services

Driver: Josh Busby

Lease: SND 11 2 Fed Com 004 P27

Well: 216H

AFE #: N/A

County, State: EDDY (NM)

API #: 3001549007

Client Company Name: ABC & Co.

Rig Name & Number: N/A

Trucking Co Ticket #: N/A

Client Cost Center: UCLUB017

Truck Type: Dump Truck

UDM: CuYd

UDM Count: 18

PF Test Result: Pass

H2S Test: Pass

H2S Testing - PASS	1	0	1	\$0.00	\$0.00
--------------------	---	---	---	--------	--------

Paint Filter - PASS	1	0	1	\$0.00	\$0.00
---------------------	---	---	---	--------	--------

NORM - PASS	1	0	1	\$0.00	\$0.00
-------------	---	---	---	--------	--------

Additional Photos	1	0	1	\$0.00	\$0.00
-------------------	---	---	---	--------	--------

22	0.0 lbs	\$0.01	\$0.18
----	---------	--------	--------

SUBTOTAL ---> \$0.18

TAX ---> \$0.01

ROUNDING ---> \$0.00

TOTAL ---> \$0.19

Date	Type	Amount
	CASH	\$0.19

Customer: Chevron U.S.A. Inc. Contract No.
2022.005669
Driver: Kim Beebe



Customer Copy



Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

---WASTE TICKET---

Ticket # 330372
Start: 06/11/2025 01:43 PM
End: 06/11/2025 01:50 PM
By: DWL.Ivan

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
18	0	18	\$0.01	\$0.18
Hauler: McNabb Services Driver: Josh Busby Lease: SND 11 2 Fed Com 004 P27 Well: 216H AFE #: N/A County, State: EDDY (NM) API #: 3001549007 Client Company Man: Austin Adams Rig Name & Number: N/A Trucking Co Ticket #: N/A Client Cost Center: CC UCEC8C01Y Truck Type: Dump Truck UOM: CuYd UOM Count: 18 PF Test Result: Pass H2S Test: Pass				
H2S Testing - PASS				
1	0	1	\$0.00	\$0.00
Paint Filter - PASS				
1	0	1	\$0.00	\$0.00
NORM - PASS				
1	0	1	\$0.00	\$0.00
Additional Photos				
1	0	1	\$0.00	\$0.00
22	0.0 lbs		\$0.01	\$0.18
SUBTOTAL --->				\$0.18
TAX ---->				\$0.01
ROUNDING ---->				\$0.00
TOTAL ---->				\$0.19

Date	Type	Amount
	CASH	\$0.19

Customer: Chevron U.S.A. Inc. Contract No.
2022.005669
Driver: Kim Beebe



Customer Copy



Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

---WASTE TICKET---

Ticket # 330329
Start: 06/11/2025 10:26 AM
End: 06/11/2025 10:35 AM
By: owl.jasmine

GRASS	TARE	NET	PRICE	AMOUNT
Contaminated Soil	18	0	18	\$0.01
Hauler: McNabb Services				\$0.18
Driver: Josh Busby				
Lease: Sand Dunes				
Well: N/A				
AFE #: N/A				
County, State: Lea				
API #: N/A				
Client Company Man: Preston Kizer				
Rig Name & Number: N/A				
Truck Type: End Dump				
UDM: CuYd				
UDM Count: 18				
PF Test Result: Pass				
H2S Test: Pass				
H2S Testing - PASS	1	0	1	\$0.00
Paint Filter - PASS	1	0	1	\$0.00
NORM - PASS	1	0	1	\$0.00
Additional Photos	1	0	1	\$0.00
	22	0.0 lbs	\$0.01	\$0.18
SUBTOTAL --->				\$0.18
TAX --->				\$0.01
ROUNDING --->				\$0.00
TOTAL --->				\$0.19

API: 30-015-49007
CC UCCCL8014

Date	Type	Amount
	CASH	\$0.19

Customer: Chevron U.S.A. Inc. Contract No.
2022.005689
Driver: Kim Beebe

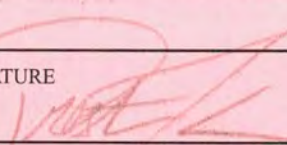
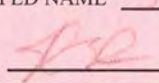
<div style="display: flex; justify-content: space-between;"> <div style="text-align: left;"> <i>Ap: 30-015-49007</i> <i>CC: UEC8CO14</i> </div> <div style="text-align: center;"> <h1 style="margin: 0;">CHEVRON</h1> <h2 style="margin: 0;">MCBU</h2> <h3 style="margin: 0;">Carlsbad, NM</h3> </div> </div>										
NO #CAR- <i>4649</i> NON-HAZARDOUS WASTE MANIFEST					1. PAGE ___ OF ___		2. TRAILER NO. <i>M30</i>			
GENERATOR	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. <i>575-887-5676</i>		4. ADDRESS 5301 LOMAS DR. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE <i>6/11/25</i>				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.
	a. <i>Produced water / Sand Soil</i>							<i>18 yds</i>		
	b.									
	c.									
	d.									
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <i>Please Forward to Austin Adams I WANT APT 30-015-49007 CC: UEC8CO14 Sand Dunes CS 11</i>						13. WASTE PROFILE NO.			
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT									
	CHEVRON CARLSBAD						24-HOUR EMERGENCY NO. 575-887-5676			
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
TRANSPORTER	PRINTED TYPED NAME <i>URUT STS</i> <i>IRESTON KIZETZ 266 2266</i>				SIGNATURE <i>[Signature]</i>				DATE <i>06/11/25</i>	
	16. TRANSPORTER (1) NAME <i>McNabb Services</i>				17. TRANSPORTER (2) NAME					
	IN CASE OF EMERGENCY CONTACT: <i>Ry Girza</i> EMERGENCY PHONE: <i>575-290-8072</i>				IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:					
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <i>Tosh Busby</i> SIGNATURE <i>[Signature]</i> DATE <i>6-11-25</i>				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME _____ SIGNATURE _____ DATE _____					
DISPOSAL	ADDRESS:		PHONE:							
	PERMIT NO.			20. COMMENTS						
	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.									
	AUTHORIZED SIGNATURE			CELL NO.		DATE		TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 5301 Lomas Dr., Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

<div style="display: flex; justify-content: space-between;"> 30-015-49007 CHEVRON </div> <div style="display: flex; justify-content: space-between;"> CC: UCEC8C01Y MCBU </div> <div style="text-align: center; padding-top: 5px;">Carlsbad, NM</div>										
NO #CAR- 4649 NON-HAZARDOUS WASTE MANIFEST					1. PAGE ____ OF ____		2. TRAILER NO. M30			
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 5301 LOMAS DR.			5. PICK-UP DATE 6/11/25				
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220			6.				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.
	a. Purified water / Sand Dunes							18 yds		
	b.									
R E C E I V E R	c.									
	d.									
	12. COMMENTS OR SPECIAL INSTRUCTIONS: Please Forward to Austin Adams AAdams@chevron.com API 30-015-49007 CC: UCEC8C01Y Sand Dunes CS 11						13. WASTE PROFILE NO.			
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT									
	CHEVRON CARLSBAD						24-HOUR EMERGENCY NO. 575-887-5676			
O F F I C E	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
	PRINTED TYPED NAME URSUT 575				SIGNATURE 				DATE 06/11/25	
	IRESON KIZETZ 266 2266									
T R A N S P O R T E R S	16. TRANSPORTER (1)				17. TRANSPORTER (2)					
	NAME McNabb Services				NAME					
	IN CASE OF EMERGENCY CONTACT: Ray Garcia				IN CASE OF EMERGENCY CONTACT:					
	EMERGENCY PHONE: 575-740-8072				EMERGENCY PHONE:					
	18. TRANSPORTER (1): Acknowledgment of receipt of material				19. TRANSPORTER (2): Acknowledgment of receipt of material					
D I S P O S I T I O N S I T Y	PRINTED/TYPED NAME Josh Busby				PRINTED/TYPED NAME					
	SIGNATURE 				SIGNATURE				DATE	
	DATE 6-11-25				DATE					
	ADDRESS:				PHONE:					
	PERMIT NO.				20. COMMENTS					
21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
AUTHORIZED SIGNATURE				CELL NO.		DATE		TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 5301 Lomas Dr., Carlsbad, NM 88220

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 5301 Lomas Dr., Carlsbad, NM 88220



Customer Copy



Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

----WASTE TICKET----

Ticket # 330397

Start: 06/11/2025 04:01 PM

End: 06/11/2025 04:05 PM

By: DWL.Ivan

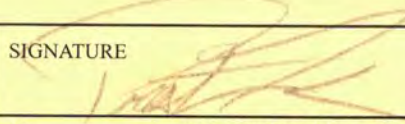
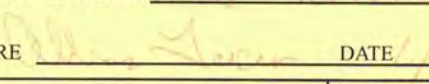
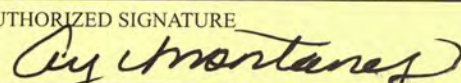
GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
18	0	18	\$0.01	\$0.18
Hauler: McNabb Services				
Driver: Josh Busby				
Lease: SND 11 2 Fed Com 004 P27				
Well: 216H				
AFE #: N/A				
County, State: EDDY (NM)				
API #: 3001549007				
Client Company Man: Austin Adams				
Rig Name & Number: N/A				
Trucking Co Ticket #: N/A				
Truck Type: Dump Truck				
UOM: CuYd				
UOM Count: 18				
PF Test Result: Pass				
H2S Test: Pass				
H2S Testing - PASS				
1	0	1	\$0.00	\$0.00
Paint Filter - PASS				
1	0	1	\$0.00	\$0.00
NORM - PASS				
1	0	1	\$0.00	\$0.00
Additional Photos				
1	0	1	\$0.00	\$0.00
22	0.0 lbs		\$0.01	\$0.18
SUBTOTAL --->				\$0.18
TAX --->				\$0.01
ROUNDING --->				\$0.00
TOTAL --->				\$0.19

Date	Type	Amount
	CASH	\$0.19

Customer: Chevron U.S.A. Inc. Contract No.
2022.005669
Driver: Kim Beebe

CHEVRON MCBU

Carlsbad, NM

NO #CAR- 4650		NON-HAZARDOUS WASTE MANIFEST		1. PAGE ___ OF ___		2. TRAILER NO.	
GENERATOR	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 5301 LOMAS DR.		5. PICK-UP DATE 6/12/25		
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220		6.		
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:				8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.
	a. Produced water / Sand Soil					18 yds	
	b. Produced water / Sand Soil					16 yds	
	c. Produced water / Sand Soil					18 yds	
	d.						
	12. COMMENTS OR SPECIAL INSTRUCTIONS: Please forward to Austin Adams atchevron.com Austin Adams - 409-407-1266 or 1266 for report. See Dms 2511					13. WASTE PROFILE NO.	
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT						
	CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676	
TRANSPORTER	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.						
	PRINTED TYPED NAME IRESON KIZER			SIGNATURE 		DATE 6/12/25	
	16. TRANSPORTER (1) NAME McNabb Services			17. TRANSPORTER (2) NAME			
	IN CASE OF EMERGENCY CONTACT: Roy Garza EMERGENCY PHONE: 575-390-8072			IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:			
DISPOSAL SITE	18. TRANSPORTER (1): Acknowledgment of receipt of material			19. TRANSPORTER (2): Acknowledgment of receipt of material			
	PRINTED/TYPED NAME Albert Tejeda			PRINTED/TYPED NAME			
	SIGNATURE  DATE 6/12/25			SIGNATURE DATE			
	ADDRESS:			PHONE: 575-231-1071			
DISPOSAL SITE	PERMIT NO. NM1-63			20. COMMENTS			
	21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.						
	AUTHORIZED SIGNATURE 			CELL NO.		DATE 6-12-25	

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 5301 Lomas Dr., Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

<h1 style="margin: 0;">CHEVRON</h1> <h2 style="margin: 0;">MCBU</h2> <h3 style="margin: 0;">Carlsbad, NM</h3>										
NO #CAR- 4850 NON-HAZARDOUS WASTE MANIFEST						1. PAGE ____ OF ____		2. TRAILER NO.		
GENERATOR	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 5301 LOMAS DR.			5. PICK-UP DATE 6/12/25				
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220			6.				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.
	a. Produced Water / Sand Soil							18 yds		
	b. Produced Water / Sand Soil							18 yds		
TRANSPORTER	c. Produced Water / Sand Soil							18 yds		
	d.									
	12. COMMENTS OR SPECIAL INSTRUCTIONS: Please forward to Austin Adams at aadams@chevron.com						13. WASTE PROFILE NO.			
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT						24-HOUR EMERGENCY NO.			
	CHEVRON CARLSBAD						575-887-5676			
OIL	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
	PRINTED TYPED NAME URUT 575					SIGNATURE [Signature]				DATE
	IRESON KEEZER 266 2366					1/12/25				
DISPOSAL	16. TRANSPORTER (1)					17. TRANSPORTER (2)				
	NAME McNabb Services					NAME				
	IN CASE OF EMERGENCY CONTACT: Ray Gm-309					IN CASE OF EMERGENCY CONTACT:				
	EMERGENCY PHONE: 575-340-8072					EMERGENCY PHONE:				
SITE	18. TRANSPORTER (1): Acknowledgment of receipt of material					19. TRANSPORTER (2): Acknowledgment of receipt of material				
	PRINTED/TYPED NAME Albert Terrell					PRINTED/TYPED NAME				
	SIGNATURE [Signature] DATE 6/12/25					SIGNATURE DATE				
FACILITY	ADDRESS:		PHONE:							
	PERMIT NO.					20. COMMENTS				
	21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.									
AUTHORIZED	AUTHORIZED SIGNATURE					CELL NO.		DATE		TIME

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 5301 Lomas Dr., Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU

Carlsbad, NM

NO #CAR- 4850		NON-HAZARDOUS WASTE MANIFEST		1. PAGE ____ OF ____		2. TRAILER NO.	
GENERATOR	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 5301 LOMAS DR.			5. PICK-UP DATE 6/11/25	
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220			6.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CONTAINERS No. Type		9. TOTAL QUANTITY	10. UNIT WT/Vol.
	a.						
	b.						
	c.						
	d.						
	12. COMMENTS OR SPECIAL INSTRUCTIONS:					13. WASTE PROFILE NO.	
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT						
	CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676	
TRANSPORTER	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.						
	PRINTED TYPED NAME URIN 575			SIGNATURE [Signature]		DATE	
	16. TRANSPORTER (1) NAME			17. TRANSPORTER (2) NAME			
	IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:			IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:			
DISPOSAL SITE	18. TRANSPORTER (1): Acknowledgment of receipt of material			19. TRANSPORTER (2): Acknowledgment of receipt of material			
	PRINTED/TYPED NAME _____			PRINTED/TYPED NAME _____			
	SIGNATURE _____ DATE _____			SIGNATURE _____ DATE _____			
	ADDRESS:			PHONE:			
DISPOSAL SITE	PERMIT NO.			20. COMMENTS			
	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.						
	AUTHORIZED SIGNATURE			CELL NO.	DATE	TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 5301 Lomas Dr., Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4



Customer Copy



Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

---WASTE TICKET---

Ticket # 330487

Start: 06/12/2025 10:18 AM

End: 06/12/2025 10:22 AM

By: rowl.geraldine

GROSS	TARE	NET	PRICE	AMOUNT
Additional Photos				
18	0	18	\$0.01	\$0.18
Hauler: Chevron				
Driver: Alvaro Jason				
Lease: Austin Adams				
AFE #: CC12CE86014				
County, State: EDDY (NM)				
API #: 301549007				
Manifest #: 4680				
Client Company Man: Preston Kizar				
Rig Name & Number: N/A				
Trucking Co Ticket #: N/A				
Truck Type: Dump Truck				
UOM: CuYd				
UOM Count: 18				
PF Test Result: Pass				
H2S Test: Pass				
NORM - PASS				
1	0	1	\$0.00	\$0.00
Paint Filter - PASS				
1	0	1	\$0.00	\$0.00
H2S Testing - PASS				
1	0	1	\$0.00	\$0.00
Contaminated Soil				
1	0	1	\$0.01	\$0.01
22	0.0 lbs		\$0.01	\$0.19
SUBTOTAL --->				\$0.19
TAX --->				\$0.01
ROUNDING --->				\$0.00
TOTAL --->				\$0.20

Date	Type	Amount
	CASH	\$0.20

Customer: Chevron U.S.A. Inc. Contract No.
2022.005669
Driver: Kim Beebe

Arken Jern



Customer Copy



Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

----WASTE TICKET----

Ticket # 330515

Start: 06/12/2025 11:53 AM

End: 06/12/2025 11:55 AM

By: owl.lisanda

GRUSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
18	0	18	\$0.01	\$0.18
Hauler: McNabb Driver: Albert Tercero Lease: Sand Dunes Compressor Station Well: N/A AFE #: N/A County, State: LEA (NM) API #: N/A Client Company Man: Austin Adams Rig Name & Number: N/A Trucking Co Ticket #: N/A Client Cost Center: CC UCECB601Y Truck Type: Dump Truck UOM: CuYd UOM Count: 18 PF Test Result: Pass H2S Test: Pass				
H2S Testing - PASS				
1	0	1	\$0.00	\$0.00
Paint Filter - PASS				
1	0	1	\$0.00	\$0.00
NORM - PASS				
1	0	1	\$0.00	\$0.00
Additional Photos				
1	0	1	\$0.00	\$0.00
22		0.0 lbs	\$0.01	\$0.18
SUBTOTAL --->				\$0.18
TAX --->				\$0.01
ROUNDING --->				\$0.00
TOTAL --->				\$0.19

Date	Type	Amount
	CASH	\$0.19

Customer: Chevron U.S.A. Inc. Contract No.
2022.005669
Driver: Kim Beebe



Customer Copy



Northern Delaware Basin Landfill
2029 West NM Hwy 128
Jal NM 88252

---WASTE TICKET---

Ticket # 330534

Start: 06/12/2025 01:18 PM

End: 06/12/2025 01:29 PM

By: owl.amy

GROSS	TARE	NET	PRICE	AMOUNT
Contaminated Soil				
18	0	18	\$0.01	\$0.18
Hauler: McNabb Services				
Driver: Albert Tercero				
Lease: Sand Dunes Compressor Station				
Well: N/A				
AFE #: N/A				
County, State: EDDY (NM)				
API #: N/A				
Client Company Man: Preston Kizer				
Rig Name & Number: N/A				
Trucking Co Ticket #: N/A				
Client Cost Center: UCCLB601Y				
Truck Type: Dump Truck				
UOM: CuYd				
UOM Count: 18				
PF Test Result: Pass				
H2S Test: Pass				
H2S Testing - PASS				
1	0	1	\$0.00	\$0.00
Paint Filter - PASS				
1	0	1	\$0.00	\$0.00
NORM - PASS				
1	0	1	\$0.00	\$0.00
Additional Photos				
1	0	1	\$0.00	\$0.00
22	0.0 lbs		\$0.01	\$0.18
SUBTOTAL ---->				\$0.18
TAX ---->				\$0.01
ROUNDING ---->				\$0.00
TOTAL ---->				\$0.19

Date	Type	Amount
	CASH	\$0.19

Customer: Chevron U.S.A. Inc. Contract No.
2022.005669
Driver: Kim Beebe

Allen Z...

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

General Information
Phone: (505) 629-6116

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

QUESTIONS

Action 478565

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 478565
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2426463181
Incident Name	NAPP2426463181 SAND DUNES 11 CS @ 0
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received
Incident Facility	[fAPP2123762022] Sand Dunes 11 CS

Location of Release Source	
Please answer all the questions in this group.	
Site Name	SAND DUNES 11 CS
Date Release Discovered	09/18/2024
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. Tank (Any) Crude Oil Released: 1 BBL Recovered: 0 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. Tank (Any) Produced Water Released: 4 BBL Recovered: 0 BBL Lost: 4 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.

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QUESTIONS, Page 2

Action 478565

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 478565
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Kennedy Lincoln Title: Environmental Specialist Email: kennedy.lincoln@chevron.com Date: 10/02/2024
--	--

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QUESTIONS, Page 3

Action 478565

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 478565
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
<i>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.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 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	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
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)	816
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	266
GRO+DRO (EPA SW-846 Method 8015M)	23
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	09/01/2025
On what date will (or did) the final sampling or liner inspection occur	09/02/2025
On what date will (or was) the remediation complete(d)	09/04/2025
What is the estimated surface area (in square feet) that will be reclaimed	1989
What is the estimated volume (in cubic yards) that will be reclaimed	55
What is the estimated surface area (in square feet) that will be remediated	1989
What is the estimated volume (in cubic yards) that will be remediated	55
<i>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.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 478565

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 478565
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
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	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: loyd Tyler Title: Environmental Specialist Email: loyd.tyler@chevron.com Date: 03/17/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 478565

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 478565
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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QUESTIONS, Page 6

Action 478565

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 478565
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	468430
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/10/2025
What was the (estimated) number of samples that were to be gathered	17
What was the sampling surface area in square feet	1989

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	3350
What was the total volume (cubic yards) remediated	144
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	3350
What was the total volume (in cubic yards) reclaimed	144
Summarize any additional remediation activities not included by answers (above)	Chevron MCBU respectfully requests closure of the incident based on the confirmation sampling results and remedial activities performed. The final C-141 forms are enclosed in Appendix A. The impacted surface area was remediated to meet the standards of Table I of 19.15.29.12 NMAC.
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Kennedy Lincoln Title: Environmental Specialist Email: kennedy.lincoln@chevron.com Date: 06/24/2025

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

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QUESTIONS, Page 7

Action 478565

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 478565
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	3350
What was the total volume of replacement material (in cubic yards) for this site	144
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeded commence(d)	06/24/2035
Summarize any additional reclamation activities not included by answers (above)	One (1) representative five-point composite sample was collected from the backfill material used for the reclamation of the excavation. Soil backfill composite sampling results are summarized in Table 3. Backfilled areas were restored to the original condition. This release footprint was within an active pad; thus, these backfilled areas were not seeded.
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Kennedy Lincoln Title: Environmental Specialist Email: kennedy.lincoln@chevron.com Date: 06/24/2025

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QUESTIONS, Page 8

Action 478565

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 478565
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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CONDITIONS

Action 478565

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 478565
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The reclamation report has been approved pursuant to 19.15.29.13 E. NMAC. The acceptance of this 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; or if the location fails to revegetate properly. In addition, the OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	8/22/2025