

Standard Safety and Supply

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Site Characterization and Remediation Workplan
Sundance 9 Fed 3 CTB
NAPP2517641847
32.236945, -103.789663
D-09-24S-31E

Introduction

Standard Safety and Supply (Standard) on behalf of Oxy USA INC. (Oxy) is pleased to submit this Site Characterization and Remediation Workplan. Based on the Notification of Release the spill was discovered on June 24, 2025, and was attributed to equipment failure. There was an approximate net loss of six (6) barrels (bbls) of produced water. Attachment B: Figure 1 depicts the Site with respect to the nearest town and Figure 2 depicts the topographic features in the area.

Site Characterization

Based on a site characterization desktop review the area is within a Low Karst area. Furthermore, there are no receptors [significant watercourse, lakebed, playa, sinkhole, an occupied residence, school, hospital, institution, church, freshwater spring for domestic or stock watering purposes, other fresh water well/spring, municipal water boundary, wetland, subsurface mine, and/or an unstable area] within the specified distance set forth in the New Mexico Administrative Code 19.15.29.12. A groundwater determination bore C-05003 was drilled on September 30, 2025, to one hundred and five (105) ft bgs to determine the presence or absence of groundwater. Standard gauged the well on October 3, 2025, and the well was determined dry. The well log is attached under Attachment C: Site Characterization.



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NMAC Closure Criteria Remediation and Reclamation (NMAC 19.15.29.12 & 19.15.29.13)					
depths in feet (ft)	Benzene	BTEX	TPH (GRO-DRO)	TPH (GRO-DRO-MRO)	Chloride
0-4 (ft)	10 mg/kg	50mg/kg	---*	100 mg/kg	600 mg/kg
>4ft	10 mg/kg	50mg/kg	1,000 mg/kg	2,500 mg/kg	20,000 mg/kg
* value must not exceed TPH (GRP-DRO-MRO) value					

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

Initial Assessment

On July 7, 2025, Standard performed an initial assessment to characterize impacts. Ten (10) horizontal sample points (H-1 to H-10) were collected at surface (0) depth. Nine (9) vertical samples points (V-1 to V-9) were collected from surface (0) to five (5) ft bgs in one (1) ft intervals. Soil samples were placed into lab provided containers, onto ice then transported to Eurofins in Carlsbad, New Mexico, for the analysis of benzene, toluene, ethylbenzene, and xylenes (BTEX 8021B), Total Petroleum Hydrocarbons (TPH 8015M) and chloride (EPA 300.0). Proper chain-of-custody was followed during the collection and delivery of the samples to the laboratory. Analytical results indicated that horizontal delineation was achieved, and chloride impacts were found in all intervals.

On August 6, 2025, Standard returned to the site to continue with vertical delineation efforts. Five (5) test pits (TP-1 to TP-5) were installed starting at five (5) ft bgs and collected in one (1) ft intervals. Soil samples were collected based on the assumption of updated groundwater closure criteria. Soil samples were submitted to Cardinal for the analysis of BTEX, TPH, and chloride. Analytical results indicated that vertical delineation was achieved.

The delineation data can be found in this report under Attachment A: Table 1 Delineation Assessment Analytical Data Table and the lab report and chain of custody can be found under Attachment E: Laboratory Analytical Method Documentation with Chain-of-Custody

The delineation sample locations are located under Attachment B: Figure 3 Delineation Assessment Map while photographs of the impacted area are under Attachment D: Photographic Log.



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Proposed Remedial Action Activities

Based on the assessment performed Standard proposes the following:

- Excavate the areas of V-1 and TP-1 to eight (8) ft bgs
- Excavate the areas of V-2 to V-5, and TP-2 to TP-4 to six (6) ft bgs
- Excavate the areas of V-6 and TP-5 to four (4) ft bgs

There are approximately nine hundred and seventy-six (976) cubic yards of impacted material that will be dug and hauled off to the closest approved disposal facility. The Proposed Excavation Map is located under Attachment B: Figure 4 Proposed Excavation Map

Closing

If you have any questions regarding the Site Characterization and Remediation Workplan for [nAPP2517641847] – Sundance 9 Fed 3 CTB please contact us at the following:

Address: 2524 Trunk St, Odessa TX 79761

Contact: 432-653-0393



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Attachments

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



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ATTACHEMENT A: ANALYTICAL DATA TABLES



Table 1: Delineation Assessment Analytical Data Table

Oxy USA INC
Sundance 9 CTB 3
Eddy County, New Mexico

			Chloride	TPH Total (C6-C35)	GRO (C6-C12)	DRO (C12-C28)	GRO+DRO (C6-C28)	MRO (C28-C35)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX
Remediation and Reclamation Limits (GW >101ft)			20,000 mg/Kg	2,500 mg/Kg	----	----	1,000 mg/Kg	-----	10 mg/Kg	---	---	---	50 mg/Kg
Reclamation Limits (0-4ft)			600 mg/Kg	100 mg/Kg	---	---	---	---	10 mg/Kg	---	---	---	50 mg/Kg
Sample ID	Depth (ft)	Date											
H-1	0-0.5	7/7/2025	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-2	0-0.5	7/7/2025	192	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-3	0-0.5	7/7/2025	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-4	0-0.5	7/7/2025	48.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-5	0-0.5	7/7/2025	48.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-6	0-0.5	7/7/2025	48.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-7	0-0.5	7/7/2025	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-8	0-0.5	7/7/2025	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-9	0-0.5	7/7/2025	16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-1	0	7/7/2025	2,160	16.7	<10.0	16.7	16.7	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1	7/7/2025	9,730	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2	7/7/2025	9,730	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3	7/7/2025	13,900	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4	7/7/2025	11,700	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-2	0	7/7/2025	176	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1	7/7/2025	7,760	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2	7/7/2025	12,900	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3	7/7/2025	18,000	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4	7/7/2025	18,400	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-3	0	7/7/2025	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1	7/7/2025	6,400	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2	7/7/2025	16,400	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3	7/7/2025	17,200	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4	7/7/2025	17,900	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-4	0	7/7/2025	160	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1	7/7/2025	10,000	28.0	<10.0	28.0	28.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2	7/7/2025	14,900	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3	7/7/2025	18,000	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4	7/7/2025	15,200	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-5	0	7/7/2025	1,490	27.5	<10.0	27.5	27.5	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1	7/7/2025	11,100	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2	7/7/2025	17,300	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3	7/7/2025	18,200	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4	7/7/2025	12,000	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-6	0	7/7/2025	8,160	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1	7/7/2025	11,100	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2	7/7/2025	5,920	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3	7/7/2025	5,040	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4	7/7/2025	11,200	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300

TP-1	6	8/6/2025	23,600	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	8	8/6/2025	18,800	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	10	8/6/2025	12,700	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
TP-2	5	8/6/2025	22,000	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	7	8/6/2025	10,200	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
TP-3	5	8/6/2025	22,800	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	6	8/6/2025	2,920	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
TP-4	5	8/6/2025	26,800	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	6	8/6/2025	12,000	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
TP-5	5	8/6/2025	10,800	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	6	8/6/2025	6,530	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300

Notes

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

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

11. Remediation Limits

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

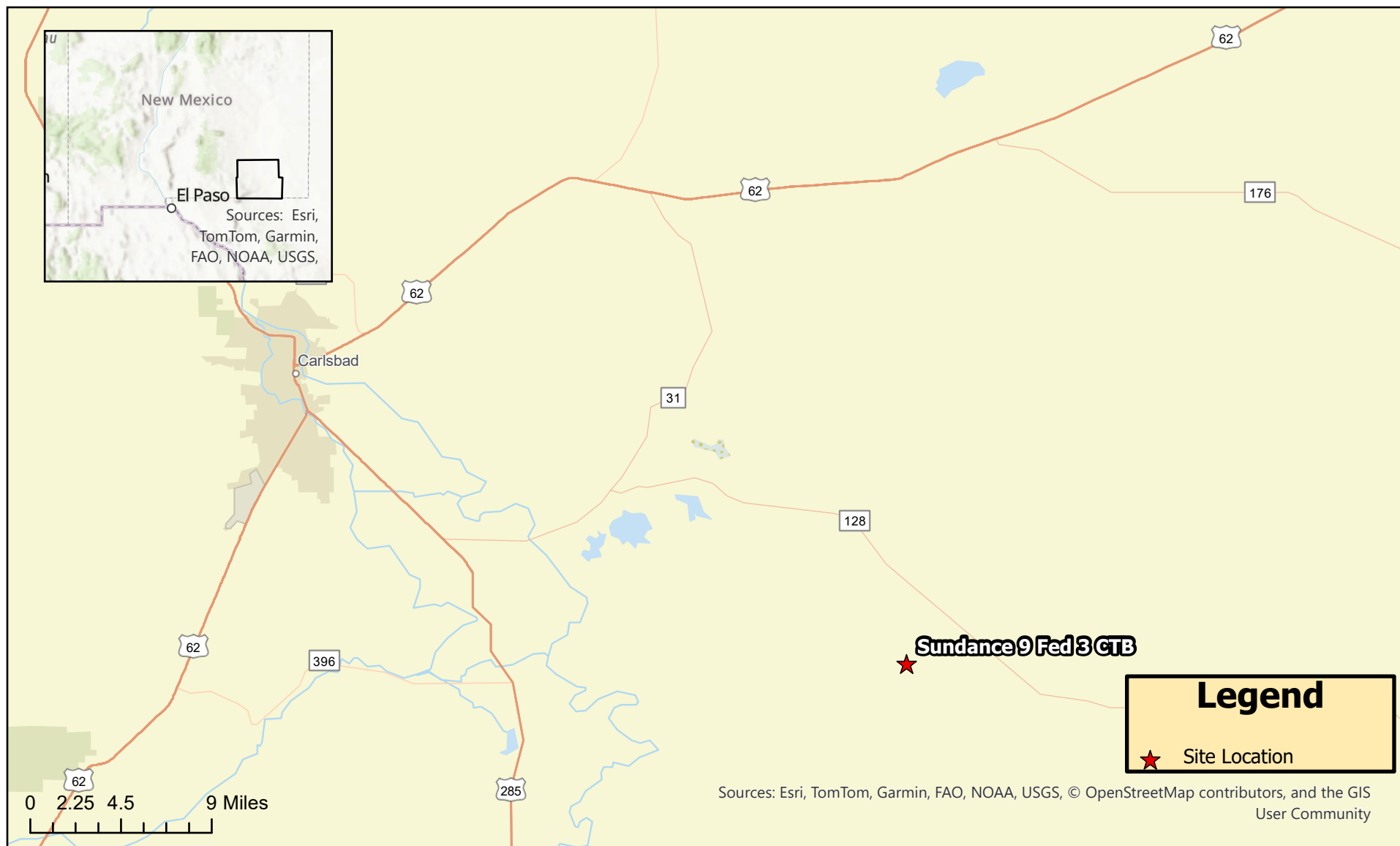
Standard Safety and Supply

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ATTACHMENT B: FIGURES





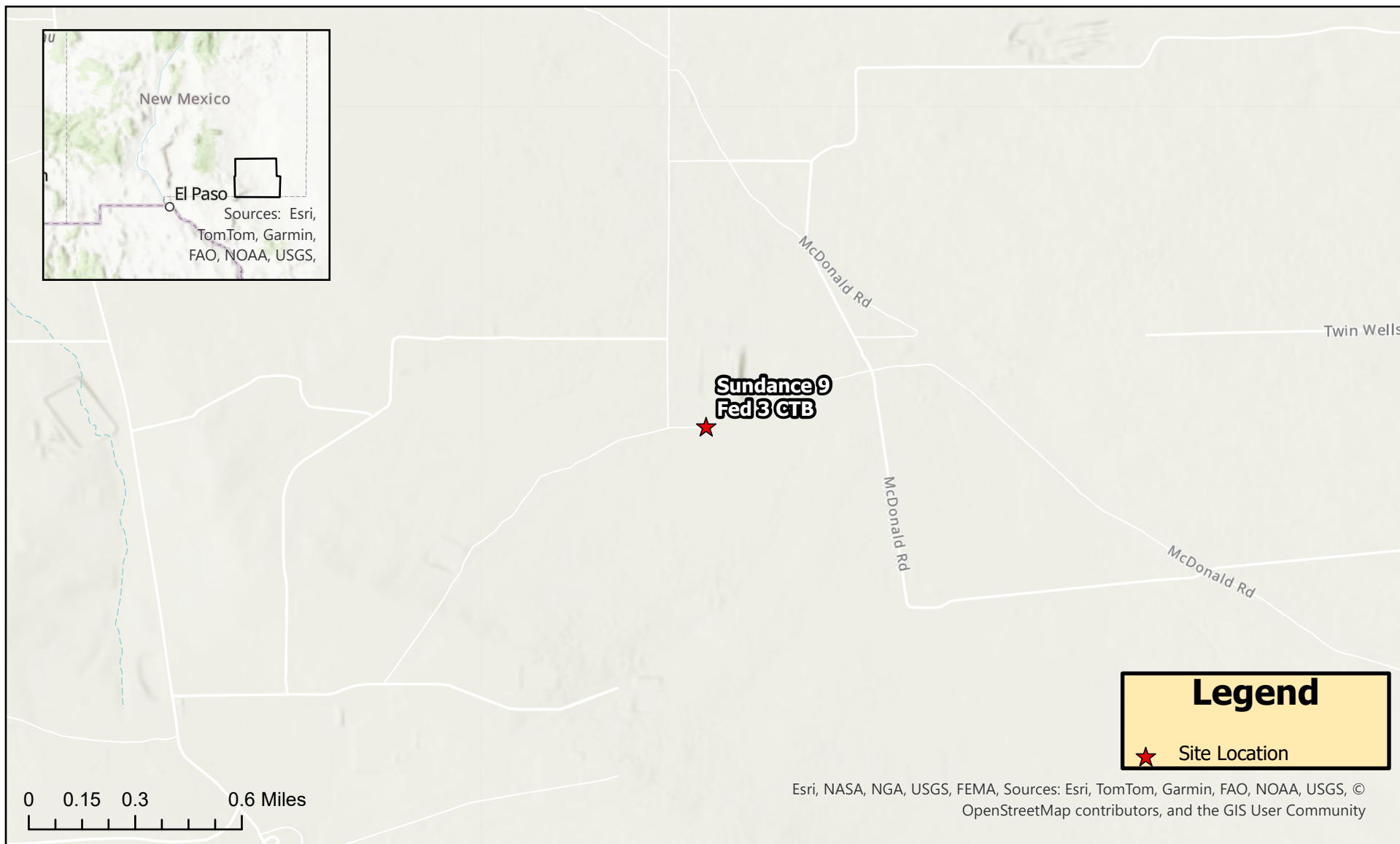
SUNDANCE 9 FED 3 CTB OXY USA INC.

Figure 1. (Site Location Map)
Release Date: 06/24/2025
Eddy County, New Mexico

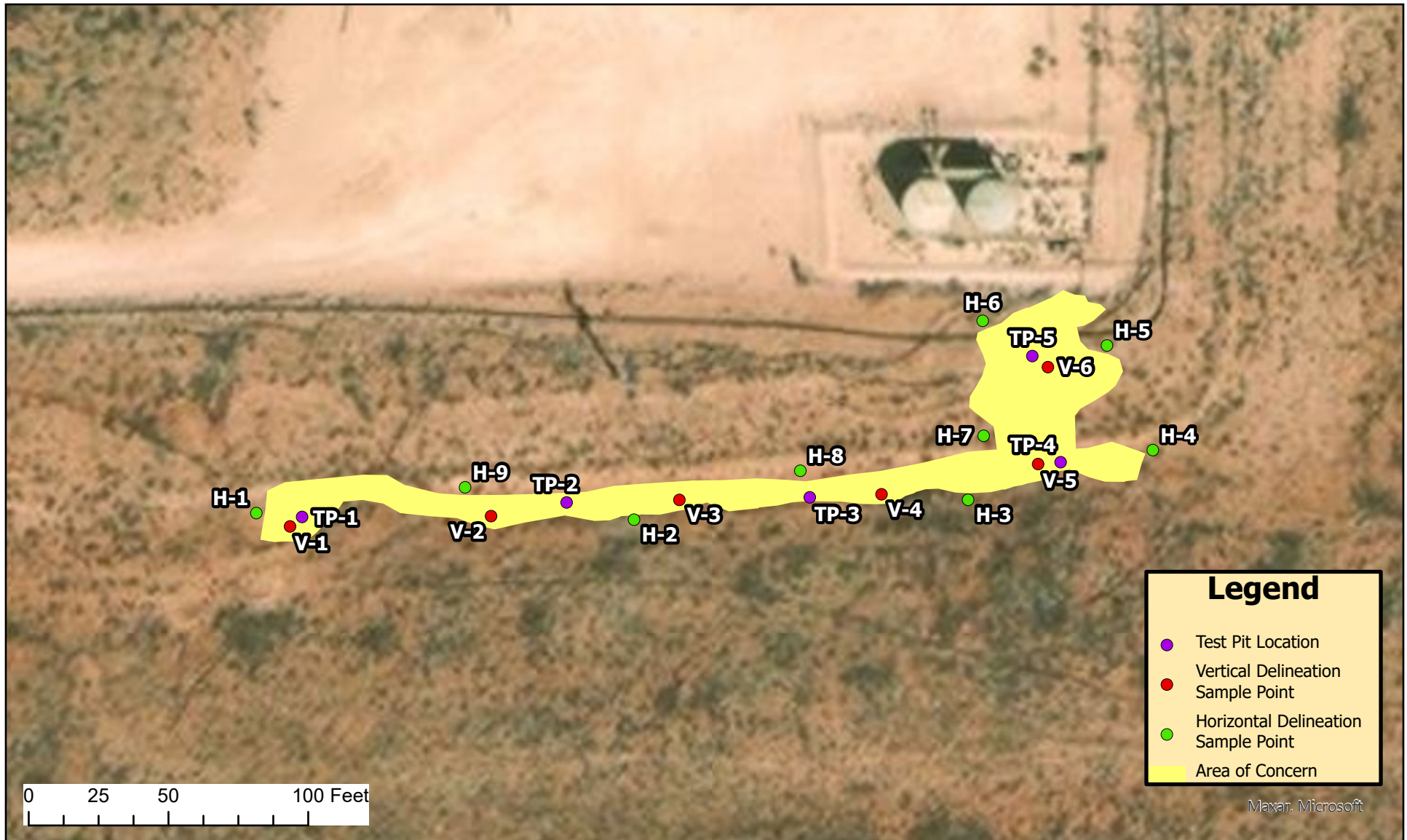
06/26/2025

Coordinates: 32.236945,-103.789663

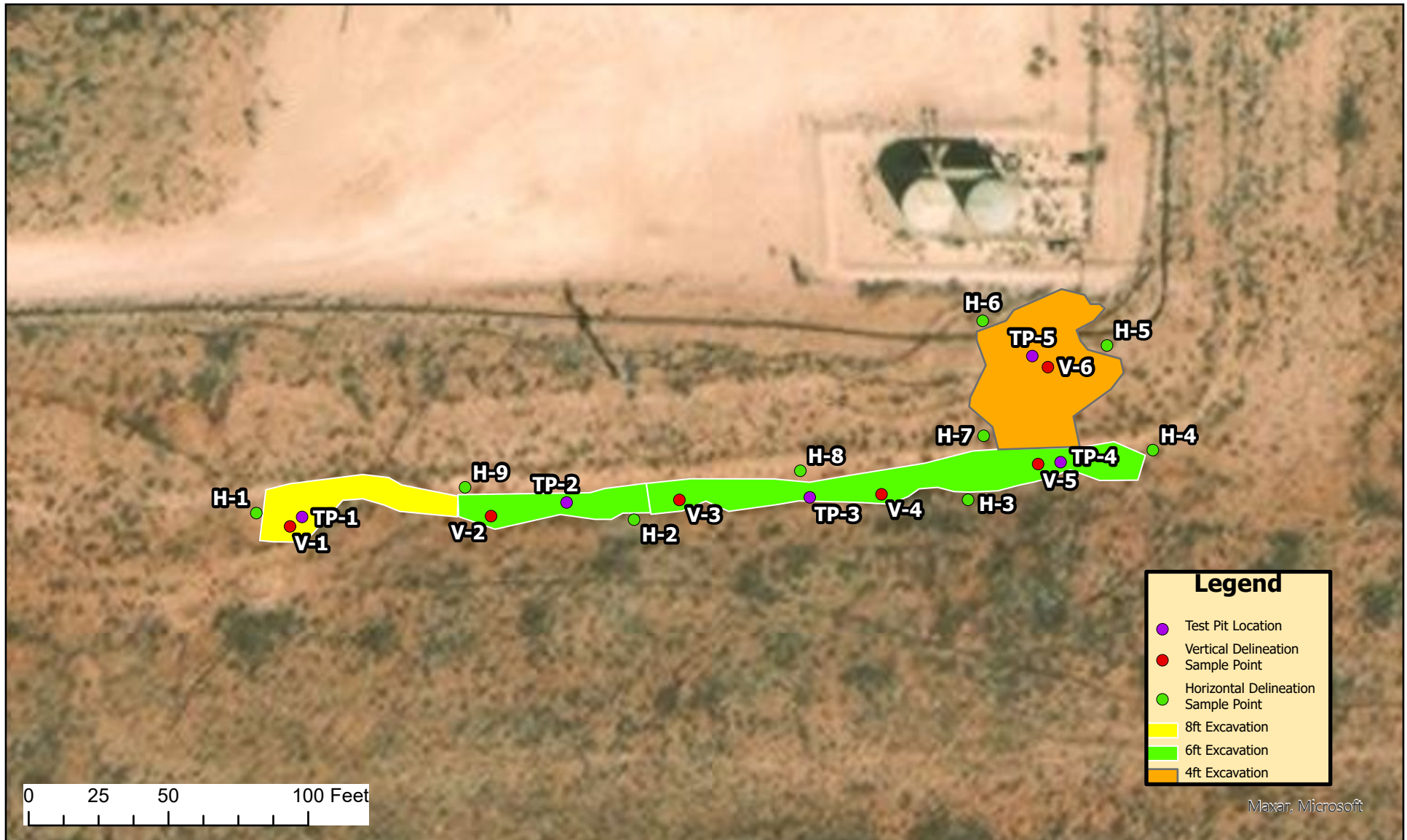




	SUNDANCE 9 FED 3 CTB OXY USA INC.		
	Figure 2. (Topographic Map) Release Date: 06/24/2025 Eddy County, New Mexico	06/26/2025	
	Coordinates: 32.236945,-103.789663		



	SUNDANCE 9 FED 3 CTB		
	OXY USA INC.		
	Figure 3. (Delineation Map) Release Date: 06/24/2025 Eddy County, New Mexico	10/06/2025	
	Coordinates: 32.236945,-103.789663		



	SUNDANCE 9 FED 3 CTB OXY USA INC.		
	Figure 4. (Proposed Excavation Map) Release Date: 06/24/2025 Eddy County, New Mexico	10/06/2025	
	Coordinates: 32.236945,-103.789663		

Proposed Excavation Map

OXY USA INC.
Sundance 9 Fed 3 CTB
Eddy County, New Mexico
32.236945,-103.789663

Area of Yellow: 623 sqft x 8ft ~ 185 CY
Area of Green: 1,845 sqft x 6ft ~ 410 CY
Area of Orange: 1,476 sqft x 4ft ~ 219 CY
Total Excavated Volume: 813 CY

Total Excavated Volume w/ 20% fluff ~ 976 CY

sqft - Square feet
CY - Cubic Yard

Legend

- 4ft Excavation
- 6ft Excavation
- 8ft Excavation
- Horizontal Delineation Sample Point
- Test Pit Location
- Vertical Delineation Sample Point



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ATTACHMENT C: SITE CHRACTERIZATION



OCD Well Locations



6/26/2025, 10:10:55 AM

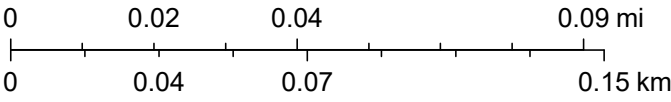
Wells - Large Scale Karst Occurrence Potential

• Oil, Active Low

PLSS Second Division

PLSS First Division

1:2,257



BLM, OCD, New Mexico Tech, Maxar, Microsoft, OCD, BLM

Legend

Basemap

Query

1:18,056

Legend

All Layers On/Off

All Layer Transparency

NM Wetlands Mapping and Classification

NM Wetlands Mapping and Classification

Mapping Status

In Progress (Only NWI)

Not Mapped

Riparian Habitat

Hydrogeomorphic Mapping (HGM) Linears

Riverine

Hydrogeomorphic Mapping (HGM) Polygons

Depressional

Flats

Lacustrine Fringe

Riverine

Slope

Landscape Position and Water Body (LLWW) Linears

Lentic (LE)

Lotic River (LR)

Lotic Stream (LS)

Pond (PD)

River (RV)

Stream (ST)

Terrene (TE)

Landscape Position and Water Body (LLWW) Polygons

Lentic (LE)

Lake (LK)

Lotic River (LR)

Lotic Stream (LS)

Pond (PD)

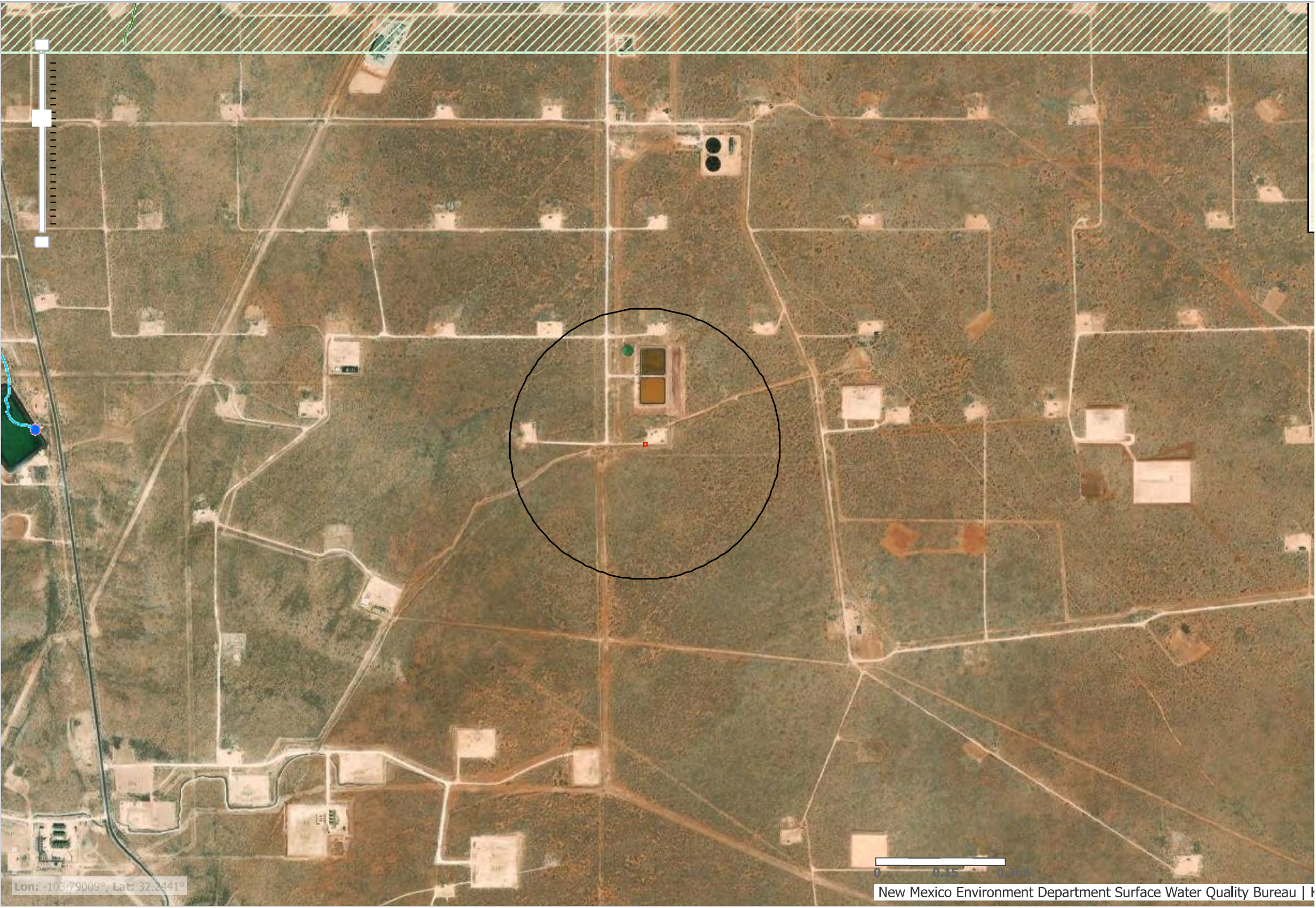
River (RV)

Stream (ST)

Terrene (TE)

Landform (LLWW)

Basin





WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod-1		WELL TAG ID NO.		OSE FILE NO(S) C-05003		
	WELL OWNER NAME(S) OXY USA Inc.				PHONE (OPTIONAL) 512-734-2325		
	WELL OWNER MAILING ADDRESS 5 Greenway Plaza Ste. 110				CITY Houston	STATE TX	ZIP 77046
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 14	SECONDS 26.60	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LONGITUDE -103	47	19.96	W	* DATUM REQUIRED: WGS 84	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SWSW S-4 T-24S R-31E							
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1862		NAME OF LICENSED DRILLER James Hawley			NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC	
	DRILLING STARTED 9/30/25	DRILLING ENDED 9/30/25	DEPTH OF COMPLETED WELL (FT) 105	BORE HOLE DEPTH (FT) 105	DEPTH WATER FIRST ENCOUNTERED (FT) Dry Hole		
	COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A		DATE STATIC MEASURED 10/6/25
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES - SPECIFY:						
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐	
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)
				No casing left in hole			
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)		AMOUNT (cubic feet)	METHOD OF PLACEMENT
				N/A			

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

FOR OSE INTERNAL USE



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-05003 Pod-1

Well owner: OXY USA Inc.

Phone No.: 512-734-2325

Mailing address: 5 Greenway Plaza Ste. 110

City: Houston

State: TX

Zip code: 77046

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: H&R Enterprises, LLC
- 2) New Mexico Well Driller License No.: WD-1862 Expiration Date: 6/16/27
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Nathan Smelcer
- 4) Date well plugging began: 10/6/25 Date well plugging concluded: 10/6/25
- 5) GPS Well Location: Latitude: 32 deg, 14 min, 26.60 sec
Longitude: 103 deg, 47 min, 19.96 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 105 ft below ground level (bgl),
by the following manner: well sounder
- 7) Static water level measured at initiation of plugging: DRY ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 9/8/25
- 9) Were all plugging activities consistent with an approved plugging plan? yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

- For each interval plugged, describe within the following columns:**

MULTIPLY		BY	AND OBTAIN
cubic feet	$\times$	7.4805	= gallons
cubic yards	$\times$	201.97	= gallons

I, James Hawley, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Date _____

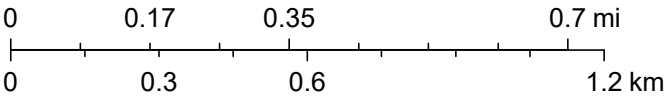
OSE POD Location Map



6/26/2025, 10:11:16 AM

1:18,056

- Override 1
- GIS WATERS PODs
- Pending
- Plugged
- Active
- New Mexico State Trust Lands
- Both Estates



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

National Flood Hazard Layer FIRMette



103°47'42"W 32°14'28"N



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

1:6,000

103°47'4"W 32°13'58"N

Legend

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

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



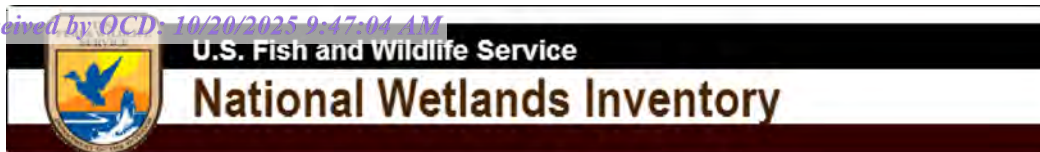
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



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 6/26/2025 at 4:07 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.



Sundance 9 Fed 3 CTB



June 26, 2025

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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

Standard Safety and Supply

<https://standardtx.com/>



ATTACHMENT D: PHOTOGRAPHIC DOCUMENTATION



Before Photo



View of Area of Concern



View of Area of Concern



Before Photo



View of Area of Concern



View of Area of Concern



Before Photo



View of Area of Concern



View of Area of Concern



Standard Safety and Supply

<https://standardtx.com/>



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





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

July 11, 2025

ETHAN SESSUMS

STANDARD SAFETY & SUPPLY

PO BOX 14987

ODESSA, TX 79764

RE: SUNDANCE 9 FED 3 CTB

Enclosed are the results of analyses for samples received by the laboratory on 07/07/25 14:34.

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 style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received:	07/07/2025	Sampling Date:	07/07/2025
Reported:	07/11/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 9 FED 3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY-EDDY CO, NM		

Sample ID: V - 1 0 (H254031-01)

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	07/08/2025	ND	2.01	100	2.00	0.704	
Toluene*	<0.050	0.050	07/08/2025	ND	2.06	103	2.00	0.742	
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.05	103	2.00	1.29	
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.05	101	6.00	1.45	
Total BTEX	<0.300	0.300	07/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 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	2160	16.0	07/08/2025	ND	416	104	400	3.77	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	192	96.0	200	0.805	
DRO >C10-C28*	16.7	10.0	07/08/2025	ND	216	108	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 79.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.7 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 1 1 (H254031-02)

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	07/08/2025	ND	2.01	100	2.00	0.704	
Toluene*	<0.050	0.050	07/08/2025	ND	2.06	103	2.00	0.742	
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.05	103	2.00	1.29	
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.05	101	6.00	1.45	
Total BTX	<0.300	0.300	07/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9730	16.0	07/08/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	192	96.0	200	0.805	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	216	108	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 78.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 71.6 % 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:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 1 2 (H254031-03)

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	07/08/2025	ND	2.01	100	2.00	0.704		
Toluene*	<0.050	0.050	07/08/2025	ND	2.06	103	2.00	0.742		
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.05	103	2.00	1.29		
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.05	101	6.00	1.45		
Total BTX	<0.300	0.300	07/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9730	16.0	07/08/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	192	96.0	200	0.805	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	216	108	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 82.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 1 3 (H254031-04)

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	07/08/2025	ND	2.01	100	2.00	0.704		
Toluene*	<0.050	0.050	07/08/2025	ND	2.06	103	2.00	0.742		
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.05	103	2.00	1.29		
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.05	101	6.00	1.45		
Total BTEX	<0.300	0.300	07/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 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	13900	16.0	07/08/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	192	96.0	200	0.805	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	216	108	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 83.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.4 % 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:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 1 4 (H254031-05)

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	07/08/2025	ND	2.01	100	2.00	0.704		
Toluene*	<0.050	0.050	07/08/2025	ND	2.06	103	2.00	0.742		
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.05	103	2.00	1.29		
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.05	101	6.00	1.45		
Total BTEX	<0.300	0.300	07/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 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	11700	16.0	07/08/2025	ND	400	100	400	3.92	QM-07	

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	07/08/2025	ND	192	96.0	200	0.805	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	216	108	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 83.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.3 % 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:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 1 5 (H254031-06)

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	07/08/2025	ND	2.01	100	2.00	0.704		
Toluene*	<0.050	0.050	07/08/2025	ND	2.06	103	2.00	0.742		
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.05	103	2.00	1.29		
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.05	101	6.00	1.45		
Total BTEX	<0.300	0.300	07/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 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	13600	16.0	07/08/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	192	96.0	200	0.805	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	216	108	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 85.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.6 % 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:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 2 0 (H254031-07)

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	07/08/2025	ND	2.01	100	2.00	0.704		
Toluene*	<0.050	0.050	07/08/2025	ND	2.06	103	2.00	0.742		
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.05	103	2.00	1.29		
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.05	101	6.00	1.45		
Total BTEX	<0.300	0.300	07/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/08/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	192	96.0	200	0.805	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	216	108	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 84.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.0 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 2 1 (H254031-08)

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	07/08/2025	ND	2.01	100	2.00	0.704		
Toluene*	<0.050	0.050	07/08/2025	ND	2.06	103	2.00	0.742		
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.05	103	2.00	1.29		
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.05	101	6.00	1.45		
Total BTEX	<0.300	0.300	07/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 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	7760	16.0	07/08/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	192	96.0	200	0.805	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	216	108	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 83.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.7 % 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:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 2 2 (H254031-09)

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	07/08/2025	ND	2.01	100	2.00	0.704		
Toluene*	<0.050	0.050	07/08/2025	ND	2.06	103	2.00	0.742		
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.05	103	2.00	1.29		
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.05	101	6.00	1.45		
Total BTEX	<0.300	0.300	07/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 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	12900	16.0	07/08/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	192	96.0	200	0.805	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	216	108	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 87.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 2 3 (H254031-10)

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	07/08/2025	ND	2.01	100	2.00	0.704		
Toluene*	<0.050	0.050	07/08/2025	ND	2.06	103	2.00	0.742		
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.05	103	2.00	1.29		
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.05	101	6.00	1.45		
Total BTEX	<0.300	0.300	07/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 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	18000	16.0	07/08/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	192	96.0	200	0.805	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	216	108	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 85.6 % 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:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 2 4 (H254031-11)

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	07/08/2025	ND	2.01	100	2.00	0.704	
Toluene*	<0.050	0.050	07/08/2025	ND	2.06	103	2.00	0.742	
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.05	103	2.00	1.29	
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.05	101	6.00	1.45	
Total BTEX	<0.300	0.300	07/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 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	18400	16.0	07/08/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	192	96.0	200	0.805	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	216	108	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 88.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 3 0 (H254031-12)

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	07/08/2025	ND	2.01	100	2.00	0.704		
Toluene*	<0.050	0.050	07/08/2025	ND	2.06	103	2.00	0.742		
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.05	103	2.00	1.29		
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.05	101	6.00	1.45		
Total BTEX	<0.300	0.300	07/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 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	32.0	16.0	07/08/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	192	96.0	200	0.805	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	216	108	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 86.8 % 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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Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 3 1 (H254031-13)

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	07/08/2025	ND	2.01	100	2.00	0.704		
Toluene*	<0.050	0.050	07/08/2025	ND	2.06	103	2.00	0.742		
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.05	103	2.00	1.29		
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.05	101	6.00	1.45		
Total BTEX	<0.300	0.300	07/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 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	6400	16.0	07/08/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	208	104	200	2.74	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 83.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 3 2 (H254031-14)

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	07/08/2025	ND	2.01	100	2.00	0.704		
Toluene*	<0.050	0.050	07/08/2025	ND	2.06	103	2.00	0.742		
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.05	103	2.00	1.29		
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.05	101	6.00	1.45		
Total BTEX	<0.300	0.300	07/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 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	16400	16.0	07/08/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	208	104	200	2.74	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 85.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 3 3 (H254031-15)

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	07/08/2025	ND	2.01	100	2.00	0.704		
Toluene*	<0.050	0.050	07/08/2025	ND	2.06	103	2.00	0.742		
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.05	103	2.00	1.29		
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.05	101	6.00	1.45		
Total BTEX	<0.300	0.300	07/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 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	17200	16.0	07/08/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	208	104	200	2.74	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 81.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 3 4 (H254031-16)

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	07/08/2025	ND	2.01	100	2.00	0.704		
Toluene*	<0.050	0.050	07/08/2025	ND	2.06	103	2.00	0.742		
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.05	103	2.00	1.29		
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.05	101	6.00	1.45		
Total BTEX	<0.300	0.300	07/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	17900	16.0	07/08/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	208	104	200	2.74	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 81.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.0 % 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:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 4 0 (H254031-17)

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	07/08/2025	ND	2.01	100	2.00	0.704		
Toluene*	<0.050	0.050	07/08/2025	ND	2.06	103	2.00	0.742		
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.05	103	2.00	1.29		
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.05	101	6.00	1.45		
Total BTEx	<0.300	0.300	07/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	07/08/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	208	104	200	2.74	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 66.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 64.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 4 1 (H254031-18)

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	07/08/2025	ND	2.01	100	2.00	0.704	
Toluene*	<0.050	0.050	07/08/2025	ND	2.06	103	2.00	0.742	
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.05	103	2.00	1.29	
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.05	101	6.00	1.45	
Total BTEX	<0.300	0.300	07/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 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	10000	16.0	07/08/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	208	104	200	1.27	
DRO >C10-C28*	28.0	10.0	07/08/2025	ND	208	104	200	2.74	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 81.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 4 2 (H254031-19)

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	07/08/2025	ND	2.01	100	2.00	0.704	
Toluene*	<0.050	0.050	07/08/2025	ND	2.06	103	2.00	0.742	
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.05	103	2.00	1.29	
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.05	101	6.00	1.45	
Total BTEX	<0.300	0.300	07/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 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	14900	16.0	07/08/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	208	104	200	2.74	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 87.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 4 3 (H254031-20)

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	07/08/2025	ND	2.01	100	2.00	0.704		
Toluene*	<0.050	0.050	07/08/2025	ND	2.06	103	2.00	0.742		
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.05	103	2.00	1.29		
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.05	101	6.00	1.45		
Total BTEX	<0.300	0.300	07/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 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	18000	16.0	07/08/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	208	104	200	2.74	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 86.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.7 % 40.6-153

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Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 4 4 (H254031-21)

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	07/08/2025	ND	2.09	104	2.00	2.83		
Toluene*	<0.050	0.050	07/08/2025	ND	2.12	106	2.00	3.32		
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.13	106	2.00	3.91		
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.27	105	6.00	3.57		
Total BTEX	<0.300	0.300	07/08/2025	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	15200	16.0	07/08/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	208	104	200	2.74	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 89.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.8 % 40.6-153

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Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 5 0 (H254031-22)

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	07/08/2025	ND	2.09	104	2.00	2.83	
Toluene*	<0.050	0.050	07/08/2025	ND	2.12	106	2.00	3.32	
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.13	106	2.00	3.91	
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.27	105	6.00	3.57	
Total BTEX	<0.300	0.300	07/08/2025	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	1490	16.0	07/08/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	208	104	200	1.27	
DRO >C10-C28*	27.5	10.0	07/08/2025	ND	208	104	200	2.74	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 84.3 % 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:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 5 1 (H254031-23)

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	07/08/2025	ND	2.09	104	2.00	2.83		
Toluene*	<0.050	0.050	07/08/2025	ND	2.12	106	2.00	3.32		
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.13	106	2.00	3.91		
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.27	105	6.00	3.57		
Total BTEX	<0.300	0.300	07/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	11100	16.0	07/08/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	208	104	200	2.74	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 81.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 5 2 (H254031-24)

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	07/08/2025	ND	2.09	104	2.00	2.83	
Toluene*	<0.050	0.050	07/08/2025	ND	2.12	106	2.00	3.32	
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.13	106	2.00	3.91	
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.27	105	6.00	3.57	
Total BTEx	<0.300	0.300	07/08/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	17300	16.0	07/08/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	208	104	200	2.74	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 81.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.9 % 40.6-153

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Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 5 3 (H254031-25)

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	07/08/2025	ND	2.09	104	2.00	2.83		
Toluene*	<0.050	0.050	07/08/2025	ND	2.12	106	2.00	3.32		
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.13	106	2.00	3.91		
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.27	105	6.00	3.57		
Total BTEX	<0.300	0.300	07/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	18200	16.0	07/08/2025	ND	416	104	400	3.77	QM-07	

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	07/08/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	208	104	200	2.74	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 79.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.2 % 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:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 5 4 (H254031-26)

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	07/08/2025	ND	2.09	104	2.00	2.83		
Toluene*	<0.050	0.050	07/08/2025	ND	2.12	106	2.00	3.32		
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.13	106	2.00	3.91		
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.27	105	6.00	3.57		
Total BTEX	<0.300	0.300	07/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	12000	16.0	07/08/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	208	104	200	2.74	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 80.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.6 % 40.6-153

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Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 6 0 (H254031-27)

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	07/08/2025	ND	2.09	104	2.00	2.83		
Toluene*	<0.050	0.050	07/08/2025	ND	2.12	106	2.00	3.32		
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.13	106	2.00	3.91		
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.27	105	6.00	3.57		
Total BTEX	<0.300	0.300	07/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	8160	16.0	07/08/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	208	104	200	2.74	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 77.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.9 % 40.6-153

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Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 6 1 (H254031-28)

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	07/08/2025	ND	2.09	104	2.00	2.83	
Toluene*	<0.050	0.050	07/08/2025	ND	2.12	106	2.00	3.32	
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.13	106	2.00	3.91	
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.27	105	6.00	3.57	
Total BTEX	<0.300	0.300	07/08/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11100	16.0	07/08/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	208	104	200	2.74	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 80.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 6 2 (H254031-29)

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	07/08/2025	ND	2.09	104	2.00	2.83		
Toluene*	<0.050	0.050	07/08/2025	ND	2.12	106	2.00	3.32		
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.13	106	2.00	3.91		
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.27	105	6.00	3.57		
Total BTEX	<0.300	0.300	07/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	5920	16.0	07/08/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	208	104	200	2.74	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 80.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.2 % 40.6-153

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Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 6 3 (H254031-30)

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	07/08/2025	ND	2.09	104	2.00	2.83		
Toluene*	<0.050	0.050	07/08/2025	ND	2.12	106	2.00	3.32		
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.13	106	2.00	3.91		
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.27	105	6.00	3.57		
Total BTEX	<0.300	0.300	07/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	5040	16.0	07/08/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	208	104	200	2.74	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 86.2 % 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:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: V - 6 4 (H254031-31)

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	07/08/2025	ND	2.09	104	2.00	2.83		
Toluene*	<0.050	0.050	07/08/2025	ND	2.12	106	2.00	3.32		
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.13	106	2.00	3.91		
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.27	105	6.00	3.57		
Total BTX	<0.300	0.300	07/08/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11200	16.0	07/08/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	208	104	200	2.74	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 84.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 1 0-6" (H254031-32)

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	07/08/2025	ND	2.09	104	2.00	2.83		
Toluene*	<0.050	0.050	07/08/2025	ND	2.12	106	2.00	3.32		
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.13	106	2.00	3.91		
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.27	105	6.00	3.57		
Total BTEX	<0.300	0.300	07/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	07/08/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	208	104	200	2.74	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 83.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 2 0-6" (H254031-33)

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	07/08/2025	ND	2.09	104	2.00	2.83	
Toluene*	<0.050	0.050	07/08/2025	ND	2.12	106	2.00	3.32	
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.13	106	2.00	3.91	
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.27	105	6.00	3.57	
Total BTEX	<0.300	0.300	07/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	192	16.0	07/08/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	204	102	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	200	100	200	8.67	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 84.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.6 % 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:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 3 0-6" (H254031-34)

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	07/08/2025	ND	2.09	104	2.00	2.83	
Toluene*	<0.050	0.050	07/08/2025	ND	2.12	106	2.00	3.32	
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.13	106	2.00	3.91	
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.27	105	6.00	3.57	
Total BTEX	<0.300	0.300	07/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	07/08/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	204	102	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	200	100	200	8.67	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 84.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 4 0-6" (H254031-35)

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	07/08/2025	ND	2.09	104	2.00	2.83		
Toluene*	<0.050	0.050	07/08/2025	ND	2.12	106	2.00	3.32		
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.13	106	2.00	3.91		
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.27	105	6.00	3.57		
Total BTEX	<0.300	0.300	07/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	48.0	16.0	07/08/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	204	102	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	200	100	200	8.67	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 81.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 5 0-6" (H254031-36)

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	07/08/2025	ND	2.09	104	2.00	2.83	
Toluene*	<0.050	0.050	07/08/2025	ND	2.12	106	2.00	3.32	
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.13	106	2.00	3.91	
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.27	105	6.00	3.57	
Total BTEx	<0.300	0.300	07/08/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/08/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	204	102	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	200	100	200	8.67	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 92.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 6 0-6" (H254031-37)

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	07/08/2025	ND	2.09	104	2.00	2.83	
Toluene*	<0.050	0.050	07/08/2025	ND	2.12	106	2.00	3.32	
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.13	106	2.00	3.91	
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.27	105	6.00	3.57	
Total BTEX	<0.300	0.300	07/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	48.0	16.0	07/08/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	204	102	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	200	100	200	8.67	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 90.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 7 0-6" (H254031-38)

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	07/08/2025	ND	2.09	104	2.00	2.83		
Toluene*	<0.050	0.050	07/08/2025	ND	2.12	106	2.00	3.32		
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.13	106	2.00	3.91		
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.27	105	6.00	3.57		
Total BTEX	<0.300	0.300	07/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	07/08/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	204	102	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	200	100	200	8.67	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 91.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 8 0-6" (H254031-39)

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	07/08/2025	ND	2.09	104	2.00	2.83	
Toluene*	<0.050	0.050	07/08/2025	ND	2.12	106	2.00	3.32	
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.13	106	2.00	3.91	
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.27	105	6.00	3.57	
Total BTEX	<0.300	0.300	07/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	07/08/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	204	102	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	200	100	200	8.67	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 88.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

STANDARD SAFETY & SUPPLY
 ETHAN SESSUMS
 PO BOX 14987
 ODESSA TX, 79764
 Fax To: NA

Received: 07/07/2025
 Reported: 07/11/2025
 Project Name: SUNDANCE 9 FED 3 CTB
 Project Number: NONE GIVEN
 Project Location: OXY-EDDY CO, NM

Sampling Date: 07/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 9 0-6" (H254031-40)

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	07/08/2025	ND	2.09	104	2.00	2.83	
Toluene*	<0.050	0.050	07/08/2025	ND	2.12	106	2.00	3.32	
Ethylbenzene*	<0.050	0.050	07/08/2025	ND	2.13	106	2.00	3.91	
Total Xylenes*	<0.150	0.150	07/08/2025	ND	6.27	105	6.00	3.57	
Total BTEX	<0.300	0.300	07/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	16.0	16.0	07/08/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2025	ND	204	102	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	200	100	200	8.67	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 85.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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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: <u>Standard Safety Supply</u>		P.O. #: <u>4508719826</u>		BILL TO		ANALYSIS REQUEST																		
Project Manager: <u>Ethan Sessions</u>		City: <u>Carlsbad</u> State: <u>NM</u> Zip: <u>88520</u>		Company: <u>Oxy</u>																				
Address:		Phone #: <u>505-366-5456</u> Fax #: <u></u>		Attn: <u>Daniel Sparks</u>																				
Project #:		Project Owner: <u>Oxy</u>		City:																				
Project Name: <u>Surveillance 9 Feb 3 CRB</u>		State: <u>NM</u> Zip: <u></u>		Address:																				
Project Location: <u>Fed Co, NM</u>		City:		State:																				
Sampler Name: <u>Kenny Han</u>		Phone #:		Zip:																				
FOR LAB USE ONLY		Fax #:		DATE																				
Lab I.D. <u>1054031</u>	Sample I.D. <u>V-1</u>	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE:	IC5 / COOL	OTHER	DATE	TIME										
	<u>V-2</u>																							
	<u>0-1</u>																							
	<u>3-3</u>																							
	<u>4-3</u>																							
	<u>5-3</u>																							
	<u>0-3</u>																							
	<u>1-3</u>																							
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.																								
Relinquished By: <u>[Signature]</u>		Date: <u>7/7/25</u>		Received By: <u>[Signature]</u>		Date: <u>7/17/25</u>		Time: <u>7:17:35</u>																
Relinquished By:		Date:		Received By:		Date:		Time:																
Delivered By: (Circle One)		Observed Temp. °C: <u>8.4</u>		Sample Condition: <u>Cool Intact</u>		CHECKED BY: <u>[Signature]</u>		Turnaround Time: <u>Standard</u>																
Sampler - UPS - Bus - Other:		Corrected Temp. °C: <u>8.9</u>		☒ Yes ☐ No		(Initials)		Thermometer ID #140																
FORM 0001R-30-02/12/23								Correction Factor +0.3°C																
								Bacteria (only) Sample Condition: <u>Cool- Intact</u>																
								☒ Yes ☐ No																
								Observed Temp. °C																
								Corrected Temp. °C																

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Standard Safety Supply Project Manager: Ethan Sessum Address: Carlsbad City: Carlsbad State: CA Zip: 92010 Phone #: 760-266-5456 Fax #: Project #: Project Name: Suriname 9 Feb 3 CTB Project Location: Folly Co, NM Sample Name: Larry Hsu		P.O. #: 4508719826 Company: Oxy Attn: David Sparks Address: City: State: Zip: Phone #: Fax #:																							
FOR LAB USE ONLY Lab I.D.: H354031 Sample I.D.:		BILL TO ANALYSIS REQUEST																							
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated remedies or otherwise.		Matrix: <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>(G)RAB OR (C)OMP</td> <td></td> </tr> <tr> <td># CONTAINERS</td> <td></td> </tr> <tr> <td>GROUNDWATER</td> <td></td> </tr> <tr> <td>WASTEWATER</td> <td></td> </tr> <tr> <td>SOIL</td> <td></td> </tr> <tr> <td>OIL</td> <td></td> </tr> <tr> <td>SLUDGE</td> <td></td> </tr> <tr> <td>OTHER:</td> <td></td> </tr> <tr> <td>ACID/BASE:</td> <td></td> </tr> <tr> <td>ICE / COOL</td> <td></td> </tr> <tr> <td>OTHER:</td> <td></td> </tr> </table> DATE: 7/1/05 TIME: 8:00		(G)RAB OR (C)OMP		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:	
(G)RAB OR (C)OMP																									
# CONTAINERS																									
GROUNDWATER																									
WASTEWATER																									
SOIL																									
OIL																									
SLUDGE																									
OTHER:																									
ACID/BASE:																									
ICE / COOL																									
OTHER:																									
Relinquished By: Relinquished Date: 7/25/05 Received By: E. Sessum Received Date: 7/25/05		REMARKS: Sample date corrected per client. See																							
Turnaround Time: Standard ☒ Rush ☐ Bacteria (only) Sample Condition: ☐ Cool ☐ Intact ☐ Yes ☐ No Thermometer ID #140 Correction Factor +0.3°C		Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address:																							



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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Standard Safety & Supply Project Manager: Ethan Sessums Address: Cardinal City: Cardinal State: VA Zip: 22030 Phone #: 834-260-5456 Fax #: Project #: Project Owner: Oxy Project Name: Sediment 9 Feb 3 CRB Project Location: Edley Co, VA Sampler Name: Kenny Hun				BILL TO P.O. #: 4508719826 Company: Oxy Attn: Daniel Sparks Address: City: State: Zip: Phone #: Fax #: 			
Lab I.D. #BS4031 Sample I.D. U-4 U-5 U-6 U-7 U-8 U-9 U-10 U-11 U-12 U-13 U-14 U-15 U-16 U-17 U-18 U-19 U-20 U-21 U-22 U-23 U-24 U-25 U-26 U-27 U-28 U-29 U-30				(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER ACID/BASE ICE / COOL OTHER DATE 7/7/05 TIME 4:05			
FOR LAB USE ONLY MATRIX PRESERV SAMPLING				ANALYSIS REQUEST BTEX TPH Chloride			
Relinquished By: [Signature] Date: 7/7/05 Time: 1434 Received By: [Signature] Date: 7/7/05 Time: 1434				Verbal Result: ☐ Yes ☐ No ☐ Add'l Phone #: All Results are emailed. Please provide Email address: REMARKS: Ethan Sessums@standardtx.com Sample date corrected per client Sped			
Delivered By: (Circle One) Sampler - UPS - Bus - Other: Observed Temp. °C 2.0 Corrected Temp. °C 2.9 Sample Condition Cool Intact: ☒ Yes ☐ No Checked BY: [Signature] Turnaround Time: Standard Thermometer ID #140 Correction Factor +0.3°C Bacteria (only) Sample Condition Cool Intact: ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C				* Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com			



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Standard Safety & Supply</u> Project Manager: <u>Ethan Sessums</u>		BILL TO P.O. #: <u>4508719826</u> Company: <u>Oxy</u> Attn: <u>Daniel Sparks</u>	
Address: <u>Cardinal</u> City: <u>Cardinal</u> State: <u>NM</u> Zip: <u>88240</u> Phone #: <u>254-266-5456</u> Fax #: Project #: Project Name: <u>Sundance 9 Feb 3 CRB</u> Project Location: <u>Folly Co, NM</u>		Address: City: State: Zip: Phone #: Fax #:	
Sampler Name: <u>Kenny Hu</u> Lab I.D.: <u>HS4031</u> Sample I.D.:		MATRIX (G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER ACID/BASE: ICE / COOL OTHER	
FOR LAB USE ONLY DATE <u>7/1/25</u> TIME <u>4:05</u> DATE <u>7/1/25</u> TIME		PRESERV SAMPLING	
Relinquished By: <u>[Signature]</u> Relinquished By: <u>[Signature]</u>		REMARKS: <u>Ethan Sessums @ Standard Safety & Supply</u> <u>sample date corrected per client. Relinquished 7-2-25</u>	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C <u>8.4</u> Corrected Temp. °C <u>8.9</u>	
Sample Condition Cool Intact ☒ Yes ☐ No		CHECKED BY: <u>[Signature]</u> Turnaround Time: <u>Standard</u> Bacteria (only) Sample Condition ☐ Cool ☐ Intact ☐ Yes ☐ No	
Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address:		Thermometer ID #140 Correction Factor +0.3°C	

Shalyn Rodriguez

From: Ethan Sessums <ethan.sessums@standardtx.com>
Sent: Monday, July 7, 2025 2:59 PM
To: Shalyn Rodriguez; Kenny Han
Subject: Re: SUNDANCE 9 FED 3 CTB

.. Sampled today and they are standard turn around.

Ethan Sessums
Environmental Regulatory Director NM
Standard Safety and Supply
Carlsbad, NM 88220
M: (254)-266-5456

From: Shalyn Rodriguez <Shalyn.Rodriguez@cardinallabsnm.com>
Sent: Monday, July 7, 2025 2:57:14 PM
To: Ethan Sessums <ethan.sessums@standardtx.com>
Subject: SUNDANCE 9 FED 3 CTB

Hey, Ethan.

Kenny brought these samples in just now and I wanted to confirm that they're standard tat and that they were sampled today?
He put 6/7 by accident I would assume?

Shalyn Rodriguez
Sample Receipt/Login
Cardinal Laboratories
101 E. Marland Hobbs, NM 88240
575-393-2326

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

August 18, 2025

ETHAN SESSUMS

STANDARD SAFETY & SUPPLY

PO BOX 14987

ODESSA, TX 79764

RE: SUNDANCE 9 FED 3 CTB

Enclosed are the results of analyses for samples received by the laboratory on 08/06/25 14:15.

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

www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

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

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

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: SUNDANCE 9 FED 3 CTB
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
18-Aug-25 08:50

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TP-1 6	H254826-01	Soil	06-Aug-25 00:00	06-Aug-25 14:15
TP-1 8	H254826-02	Soil	06-Aug-25 00:00	06-Aug-25 14:15
TP-1 10	H254826-03	Soil	06-Aug-25 00:00	06-Aug-25 14:15
TP-2 5	H254826-04	Soil	06-Aug-25 00:00	06-Aug-25 14:15
TP-2 7	H254826-05	Soil	06-Aug-25 00:00	06-Aug-25 14:15
TP-3 5	H254826-06	Soil	06-Aug-25 00:00	06-Aug-25 14:15
TP-3 6	H254826-07	Soil	06-Aug-25 00:00	06-Aug-25 14:15
TP-4 5	H254826-08	Soil	06-Aug-25 00:00	06-Aug-25 14:15
TP-4 6	H254826-09	Soil	06-Aug-25 00:00	06-Aug-25 14:15
TP-5 5	H254826-10	Soil	06-Aug-25 00:00	06-Aug-25 14:15
TP-5 6	H254826-11	Soil	06-Aug-25 00:00	06-Aug-25 14:15

08/18/25 - Client added analysis to samples that were on hold (see COC). This is the revised report and will replace the one sent on 08/12/25.

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: SUNDANCE 9 FED 3 CTB
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
18-Aug-25 08:50

TP-1 6
H254826-01 (Soil)

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

Chloride	23600		16.0	mg/kg	4	5080735	HM	07-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5080712	JH	07-Aug-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5080712	JH	07-Aug-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5080712	JH	07-Aug-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5080712	JH	07-Aug-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5080712	JH	07-Aug-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	114 %	71.5-134	5080712	JH	07-Aug-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5080628	MS	07-Aug-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5080628	MS	07-Aug-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5080628	MS	07-Aug-25	8015B

Surrogate: 1-Chlorooctane	72.7 %	44.4-145	5080628	MS	07-Aug-25	8015B
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Surrogate: 1-Chlorooctadecane	67.3 %	40.6-153	5080628	MS	07-Aug-25	8015B
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: SUNDANCE 9 FED 3 CTB
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
18-Aug-25 08:50

TP-1 8
H254826-02 (Soil)

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

Chloride	18800		16.0	mg/kg	4	5080735	HM	07-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5080712	JH	07-Aug-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5080712	JH	07-Aug-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5080712	JH	07-Aug-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5080712	JH	07-Aug-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5080712	JH	07-Aug-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			114 %		71.5-134	5080712	JH	07-Aug-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5080628	MS	07-Aug-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5080628	MS	07-Aug-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5080628	MS	07-Aug-25	8015B	

Surrogate: 1-Chlorooctane			78.1 %		44.4-145	5080628	MS	07-Aug-25	8015B	
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Surrogate: 1-Chlorooctadecane			71.8 %		40.6-153	5080628	MS	07-Aug-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: SUNDANCE 9 FED 3 CTB
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
18-Aug-25 08:50

TP-1 10
H254826-03 (Soil)

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

Chloride	12700		16.0	mg/kg	4	5081337	HM	13-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5081304	JH	13-Aug-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5081304	JH	13-Aug-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5081304	JH	13-Aug-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5081304	JH	13-Aug-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5081304	JH	13-Aug-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	112 %	71.5-134	5081304	JH	13-Aug-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5081319	MS	13-Aug-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5081319	MS	13-Aug-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5081319	MS	13-Aug-25	8015B	

Surrogate: 1-Chlorooctane	102 %	44.4-145	5081319	MS	13-Aug-25	8015B	
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Surrogate: 1-Chlorooctadecane	99.2 %	40.6-153	5081319	MS	13-Aug-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: SUNDANCE 9 FED 3 CTB
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
18-Aug-25 08:50

TP-2 5
H254826-04 (Soil)

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

Chloride	22000		16.0	mg/kg	4	5080735	HM	07-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5080712	JH	07-Aug-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5080712	JH	07-Aug-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5080712	JH	07-Aug-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5080712	JH	07-Aug-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5080712	JH	07-Aug-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			114 %		71.5-134	5080712	JH	07-Aug-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5080628	MS	07-Aug-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5080628	MS	07-Aug-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5080628	MS	07-Aug-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			71.2 %		44.4-145	5080628	MS	07-Aug-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			65.4 %		40.6-153	5080628	MS	07-Aug-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: SUNDANCE 9 FED 3 CTB
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
18-Aug-25 08:50

TP-2 7**H254826-05 (Soil)**

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

Chloride	10200		16.0	mg/kg	4	5081337	HM	13-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5081304	JH	13-Aug-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5081304	JH	13-Aug-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5081304	JH	13-Aug-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5081304	JH	13-Aug-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5081304	JH	13-Aug-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	110 %	71.5-134	5081304	JH	13-Aug-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5081319	MS	13-Aug-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5081319	MS	13-Aug-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5081319	MS	13-Aug-25	8015B

Surrogate: 1-Chlorooctane	98.2 %	44.4-145	5081319	MS	13-Aug-25	8015B
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Surrogate: 1-Chlorooctadecane	96.3 %	40.6-153	5081319	MS	13-Aug-25	8015B
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Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: SUNDANCE 9 FED 3 CTB
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
18-Aug-25 08:50

TP-3 5**H254826-06 (Soil)**

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

Chloride	22800		16.0	mg/kg	4	5080735	HM	07-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5080712	JH	07-Aug-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5080712	JH	07-Aug-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5080712	JH	07-Aug-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5080712	JH	07-Aug-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5080712	JH	07-Aug-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			115 %		71.5-134	5080712	JH	07-Aug-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5080628	MS	07-Aug-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5080628	MS	07-Aug-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5080628	MS	07-Aug-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			77.0 %		44.4-145	5080628	MS	07-Aug-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			71.2 %		40.6-153	5080628	MS	07-Aug-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: SUNDANCE 9 FED 3 CTB
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
18-Aug-25 08:50

TP-3 6
H254826-07 (Soil)

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

Chloride	2920		16.0	mg/kg	4	5081337	HM	13-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5081304	JH	13-Aug-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5081304	JH	13-Aug-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5081304	JH	13-Aug-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5081304	JH	13-Aug-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5081304	JH	13-Aug-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)		110 %		71.5-134	5081304	JH	13-Aug-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5081319	MS	13-Aug-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5081319	MS	13-Aug-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5081319	MS	13-Aug-25	8015B	
Surrogate: 1-Chlorooctane		104 %		44.4-145	5081319	MS	13-Aug-25	8015B	
Surrogate: 1-Chlorooctadecane		100 %		40.6-153	5081319	MS	13-Aug-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: SUNDANCE 9 FED 3 CTB
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
18-Aug-25 08:50

TP-4 5
H254826-08 (Soil)

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

Chloride	26800		16.0	mg/kg	4	5080735	HM	07-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5080712	JH	07-Aug-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5080712	JH	07-Aug-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5080712	JH	07-Aug-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5080712	JH	07-Aug-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5080712	JH	07-Aug-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	113 %	71.5-134	5080712	JH	07-Aug-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5080628	MS	07-Aug-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5080628	MS	07-Aug-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5080628	MS	07-Aug-25	8015B	

Surrogate: 1-Chlorooctane	76.0 %	44.4-145	5080628	MS	07-Aug-25	8015B	
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Surrogate: 1-Chlorooctadecane	70.5 %	40.6-153	5080628	MS	07-Aug-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: SUNDANCE 9 FED 3 CTB
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
18-Aug-25 08:50

TP-4 6
H254826-09 (Soil)

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

Chloride	12000		16.0	mg/kg	4	5081337	HM	13-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5081304	JH	13-Aug-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5081304	JH	13-Aug-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5081304	JH	13-Aug-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5081304	JH	13-Aug-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5081304	JH	13-Aug-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	112 %	71.5-134	5081304	JH	13-Aug-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5081319	MS	13-Aug-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5081319	MS	13-Aug-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5081319	MS	13-Aug-25	8015B	

Surrogate: 1-Chlorooctane	106 %	44.4-145	5081319	MS	13-Aug-25	8015B	
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Surrogate: 1-Chlorooctadecane	103 %	40.6-153	5081319	MS	13-Aug-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: SUNDANCE 9 FED 3 CTB
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
18-Aug-25 08:50

TP-5 5
H254826-10 (Soil)

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

Chloride	10800		16.0	mg/kg	4	5080735	HM	07-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5080712	JH	07-Aug-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5080712	JH	07-Aug-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5080712	JH	07-Aug-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5080712	JH	07-Aug-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5080712	JH	07-Aug-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			116 %		71.5-134	5080712	JH	07-Aug-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5080628	MS	07-Aug-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5080628	MS	07-Aug-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5080628	MS	07-Aug-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			75.4 %		44.4-145	5080628	MS	07-Aug-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			69.6 %		40.6-153	5080628	MS	07-Aug-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: SUNDANCE 9 FED 3 CTB
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
18-Aug-25 08:50

TP-5 6
H254826-11 (Soil)

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

Chloride	6530		16.0	mg/kg	4	5081337	HM	13-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5081304	JH	13-Aug-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5081304	JH	13-Aug-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5081304	JH	13-Aug-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5081304	JH	13-Aug-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5081304	JH	13-Aug-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			111 %	71.5-134		5081304	JH	13-Aug-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5081319	MS	13-Aug-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5081319	MS	13-Aug-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5081319	MS	13-Aug-25	8015B	
Surrogate: 1-Chlorooctane			101 %	44.4-145		5081319	MS	13-Aug-25	8015B	
Surrogate: 1-Chlorooctadecane			99.3 %	40.6-153		5081319	MS	13-Aug-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: SUNDANCE 9 FED 3 CTB
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
18-Aug-25 08:50

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5080735 - 1:4 DI Water**Blank (5080735-BLK1)**

Prepared & Analyzed: 07-Aug-25

Chloride	ND	16.0	mg/kg							
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LCS (5080735-BS1)

Prepared & Analyzed: 07-Aug-25

Chloride	416	16.0	mg/kg	400		104	80-120			
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LCS Dup (5080735-BSD1)

Prepared & Analyzed: 07-Aug-25

Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	
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Batch 5081337 - 1:4 DI Water**Blank (5081337-BLK1)**

Prepared & Analyzed: 13-Aug-25

Chloride	ND	16.0	mg/kg							
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LCS (5081337-BS1)

Prepared & Analyzed: 13-Aug-25

Chloride	448	16.0	mg/kg	400		112	80-120			
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LCS Dup (5081337-BSD1)

Prepared & Analyzed: 13-Aug-25

Chloride	432	16.0	mg/kg	400		108	80-120	3.64	20	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: SUNDANCE 9 FED 3 CTB
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
18-Aug-25 08:50

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5080712 - Volatiles**Blank (5080712-BLK1)**

Prepared & Analyzed: 07-Aug-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0573		mg/kg	0.0500		115	71.5-134			

LCS (5080712-BS1)

Prepared & Analyzed: 07-Aug-25

Benzene	1.83	0.050	mg/kg	2.00		91.6	76.3-129			
Toluene	1.89	0.050	mg/kg	2.00		94.6	84.1-129			
Ethylbenzene	1.90	0.050	mg/kg	2.00		95.1	80.1-133			
m,p-Xylene	3.95	0.100	mg/kg	4.00		98.6	81.4-134			
o-Xylene	1.95	0.050	mg/kg	2.00		97.7	81.4-133			
Total Xylenes	5.90	0.150	mg/kg	6.00		98.3	81.5-134			
Surrogate: 4-Bromofluorobenzene (PID)	0.0522		mg/kg	0.0500		104	71.5-134			

LCS Dup (5080712-BSD1)

Prepared & Analyzed: 07-Aug-25

Benzene	1.80	0.050	mg/kg	2.00		90.0	76.3-129	1.77	15.8	
Toluene	1.82	0.050	mg/kg	2.00		91.2	84.1-129	3.66	15.9	
Ethylbenzene	1.82	0.050	mg/kg	2.00		90.9	80.1-133	4.48	16	
m,p-Xylene	3.77	0.100	mg/kg	4.00		94.3	81.4-134	4.52	16.2	
o-Xylene	1.85	0.050	mg/kg	2.00		92.7	81.4-133	5.22	16.7	
Total Xylenes	5.63	0.150	mg/kg	6.00		93.8	81.5-134	4.75	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0521		mg/kg	0.0500		104	71.5-134			

Batch 5081304 - Volatiles**Blank (5081304-BLK1)**

Prepared & Analyzed: 13-Aug-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: SUNDANCE 9 FED 3 CTB
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
18-Aug-25 08:50

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5081304 - Volatiles**Blank (5081304-BLK1)**

Prepared & Analyzed: 13-Aug-25

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0560		mg/kg	0.0500		112	71.5-134			

LCS (5081304-BS1)

Prepared & Analyzed: 13-Aug-25

Benzene	1.66	0.050	mg/kg	2.00		82.9	76.3-129			
Toluene	1.72	0.050	mg/kg	2.00		86.0	84.1-129			
Ethylbenzene	1.80	0.050	mg/kg	2.00		89.8	80.1-133			
m,p-Xylene	3.69	0.100	mg/kg	4.00		92.3	81.4-134			
o-Xylene	1.79	0.050	mg/kg	2.00		89.5	81.4-133			
Total Xylenes	5.48	0.150	mg/kg	6.00		91.4	81.5-134			
Surrogate: 4-Bromofluorobenzene (PID)	0.0497		mg/kg	0.0500		99.5	71.5-134			

LCS Dup (5081304-BSD1)

Prepared & Analyzed: 13-Aug-25

Benzene	1.64	0.050	mg/kg	2.00		82.0	76.3-129	1.07	15.8	
Toluene	1.73	0.050	mg/kg	2.00		86.3	84.1-129	0.344	15.9	
Ethylbenzene	1.79	0.050	mg/kg	2.00		89.5	80.1-133	0.390	16	
m,p-Xylene	3.69	0.100	mg/kg	4.00		92.3	81.4-134	0.0443	16.2	
o-Xylene	1.80	0.050	mg/kg	2.00		89.9	81.4-133	0.503	16.7	
Total Xylenes	5.49	0.150	mg/kg	6.00		91.5	81.5-134	0.135	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0497		mg/kg	0.0500		99.3	71.5-134			

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: SUNDANCE 9 FED 3 CTB
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
18-Aug-25 08:50

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 5080628 - General Prep - Organics**Blank (5080628-BLK1)**

Prepared: 06-Aug-25 Analyzed: 07-Aug-25

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	38.8		mg/kg	50.0		77.6	44.4-145		
Surrogate: 1-Chlorooctadecane	36.5		mg/kg	50.0		73.0	40.6-153		

LCS (5080628-BS1)

Prepared: 06-Aug-25 Analyzed: 07-Aug-25

GRO C6-C10	194	10.0	mg/kg	200		97.0	81.5-123		
DRO >C10-C28	198	10.0	mg/kg	200		99.0	77.7-122		
Total TPH C6-C28	392	10.0	mg/kg	400		98.0	80.9-121		
Surrogate: 1-Chlorooctane	45.7		mg/kg	50.0		91.5	44.4-145		
Surrogate: 1-Chlorooctadecane	44.2		mg/kg	50.0		88.3	40.6-153		

LCS Dup (5080628-BS1)

Prepared: 06-Aug-25 Analyzed: 07-Aug-25

GRO C6-C10	194	10.0	mg/kg	200		97.0	81.5-123	0.00309	13
DRO >C10-C28	193	10.0	mg/kg	200		96.7	77.7-122	2.36	15.6
Total TPH C6-C28	387	10.0	mg/kg	400		96.9	80.9-121	1.18	18.5
Surrogate: 1-Chlorooctane	48.6		mg/kg	50.0		97.1	44.4-145		
Surrogate: 1-Chlorooctadecane	47.4		mg/kg	50.0		94.9	40.6-153		

Batch 5081319 - General Prep - Organics**Blank (5081319-BLK1)**

Prepared & Analyzed: 13-Aug-25

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	46.3		mg/kg	50.0		92.5	44.4-145		
Surrogate: 1-Chlorooctadecane	45.5		mg/kg	50.0		90.9	40.6-153		

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: SUNDANCE 9 FED 3 CTB
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
18-Aug-25 08:50

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5081319 - General Prep - Organics**LCS (5081319-BS1)**

Prepared & Analyzed: 13-Aug-25

GRO C6-C10	179	10.0	mg/kg	200		89.7	81.5-123			
DRO >C10-C28	197	10.0	mg/kg	200		98.4	77.7-122			
Total TPH C6-C28	376	10.0	mg/kg	400		94.1	80.9-121			
Surrogate: 1-Chlorooctane	50.3		mg/kg	50.0		101	44.4-145			
Surrogate: 1-Chlorooctadecane	50.1		mg/kg	50.0		100	40.6-153			

LCS Dup (5081319-BS1)

Prepared & Analyzed: 13-Aug-25

GRO C6-C10	182	10.0	mg/kg	200		90.9	81.5-123	1.24	13	
DRO >C10-C28	196	10.0	mg/kg	200		97.9	77.7-122	0.536	15.6	
Total TPH C6-C28	378	10.0	mg/kg	400		94.4	80.9-121	0.317	18.5	
Surrogate: 1-Chlorooctane	55.5		mg/kg	50.0		111	44.4-145			
Surrogate: 1-Chlorooctadecane	50.9		mg/kg	50.0		102	40.6-153			

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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: Stanbar Safety & Supply			BILL TO			ANALYSIS REQUEST		
Project Manager: Ethan Sexums			P.O. #: 4502719826					
Address:			Company: Oxy					
City: Carlisle	State: PA	Zip: 88220	Attn: Daniel Sparks					
Phone #:	Fax #:		Address:					
Project #:	Project Owner: Oxy		City:					
Project Name: Substance A CTR 3			State:			Zip:		
Project Location: Eddy Co, PA			Phone #:					
Sampler Name: Larry Han			Fax #:					
FOR LAB USE ONLY								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	MATRIX		PRESERV.	SAMPLING		
		# CONTAINERS						
		GROUNDWATER						
		WASTEWATER						
		SOIL						
		OIL						
		SLUDGE						
		OTHER :						
		ACID/BASE:						
		ICE / COOL						
		OTHER :						
		DATE	TIME					
H82482K	TP-1	6		8/6		BTX		
1	↓	8				TPH		
2	↓	10				Chloride		
3	TP-2	5				Hold Removed 8/13/25		
4	↓	7						
5	TP-3	6						
6	↓	6						
7	TP-4	6						
8	↓	5						
9	TP-5	5						
10	↓	5						

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Relinquished By:	Date: 8/6/25 Time: 7:45	Received By:	Date:	Time:
Relinquished By:	Date:	Received By:	Date:	Time:

REMARKS: Ethan.Sexums@StanbarDty.com

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C: 3.8 Corrected Temp. °C: 4.1	Sample Condition: Cool Intact ☒ Yes ☐ No	CHECKED BY: (Initials)	Turnaround Time: 5 day Thermometer ID #140 Correction Factor +0.3°C	Standard: Rush ☒	Bacteria (only) Sample Condition: Cool Intact ☐ Yes ☐ No	Observed Temp. °C:	Corrected Temp. °C:
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Verbal Result: ☐ Yes ☐ No Add'l Phone #: _____
All Results are emailed. Please provide Email address: _____



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Shankar Safety & Supply Project Manager: Elhan Serrano Address: City: Carlsbad State: NM Zip: 88220 Phone #: Fax #: Project #: Project Owner: Oxy Project Name: Sandstone 9 CTB 3 Project Location: Eddy Co. NM Sampler Name: Larry Har FOR LAB USE ONLY				BILL TO P.O. #: 450279826 Company: Oxy Attn: Daniel Sparks Address: City: State: Zip: Phone #: Fax #:							
Relinquished By: <i>WV</i> Relinquished Date: 8/6/25 Relinquished Time: 1415 Received By: <i>Monica C. [Signature]</i> Received Date: 8/6/25 Received Time:				Verbal Result: ☐ Yes ☐ No ☐ Add'l Phone #: Remarks: All Results are emailed. Please provide Email address:							
Delivered By: (Circle One) Sampler - UPS - Bus - Other:				Observed Temp. °C: 3.8 Corrected Temp. °C: 4.1 Sample Condition: ☒ Intact ☐ Cool ☐ Yes ☐ No Checked By: (Initials) <i>AV</i> Turnaround Time: 5 Oxy Thermometer ID #140 Correction Factor +0.3°C Standard: ☒ Rush: ☐ Bacteria (only) Sample Condition: ☐ Cool ☐ Intact ☐ Yes ☐ No Observed Temp. °C: Corrected Temp. °C:							
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Lab I.D. H254826 Sample I.D. TP-5 6				(G)RAB OR (C)OMP: ☒ # CONTAINERS: 1 MATRIX: ☒ GROUNDWATER ☐ WASTEWATER ☒ SOIL ☐ OIL ☐ SLUDGE ☐ OTHER: ACID/BASE: ☒ ICE / COOL: ☒ OTHER: ☒ DATE: 8/6 TIME:				BT EX TPH Chloride Hold Removed 8/13/25 Hold			

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

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 515200

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 515200
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2517641847
Incident Name	NAPP2517641847 SUNDANCE 9 FED 3 CTB @ D-09-24S-31E
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received

Location of Release Source

Please answer all the questions in this group.

Site Name	SUNDANCE 9 FED 3 CTB
Date Release Discovered	06/24/2025
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	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Injection Produced Water Released: 6 BBL Recovered: 0 BBL Lost: 6 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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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 2

Action 515200

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 515200
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	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: Daniel Sparks Title: Environmental Analyst III Email: daniel_sparks@oxy.com Date: 10/14/2025
--	---

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

General Information
Phone: (505) 629-6116

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

QUESTIONS, Page 3

Action 515200

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 515200
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	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	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 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	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

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)	26800
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	28
GRO+DRO (EPA SW-846 Method 8015M)	28
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	10/20/2025
On what date will (or did) the final sampling or liner inspection occur	11/10/2025
On what date will (or was) the remediation complete(d)	11/17/2025
What is the estimated surface area (in square feet) that will be reclaimed	3944
What is the estimated volume (in cubic yards) that will be reclaimed	976
What is the estimated surface area (in square feet) that will be remediated	3944
What is the estimated volume (in cubic yards) that will be remediated	976
<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>	

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 4

Action 515200

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 515200
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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	fEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<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: Daniel Sparks Title: Environmental Analyst III Email: daniel_sparks@oxy.com Date: 10/14/2025
<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 515200

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 515200
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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 515200

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 515200
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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Santa Fe, NM 87505

CONDITIONS

Action 515200

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 515200
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Site Characterization and Remediation Work Plan is approved.	10/27/2025