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Site Characterization and Remediation Workplan

Mesa Verde WPF

nAPP2519665278

32.213247, -103.7121438

O-18-24S-32E

Introduction

Standard Safety and Supply (Standard) on behalf of OXY USA INC. (Oxy) is pleased to submit this Site Characterization and Remediation Workplan to Oxy. Based on the Notification of Release the spill was discovered on July 15, 2025, and was attributed to equipment failure. There was an approximate net loss of two thousand eight hundred and ninety-one (2,891) barrels (bbls) of crude oil and thirty-six thousand seven hundred and forty-seven (36,747) bbls of produced water. Attachment B: Figure 1 depicts the Site with respect to the nearest town and Figure 2 depicts the topographic features in the area.

Site Characterization

Based on a site characterization desktop review the area is within a Low Karst area. Furthermore, there are no receptors [significant watercourse, lakebed, playa, sinkhole, an occupied residence, school, hospital, institution, church, freshwater spring for domestic or stock watering purposes, other fresh water well/spring, municipal water boundary, wetland, subsurface mine, and/or an unstable area] within the specified distance set forth in the New Mexico Administrative Code 19.15.29.12. The depth to groundwater in the area is estimated to be between one hundred (100) feet (ft) below ground surface (bgs) to five hundred (500) ft bgs. On September 30, 2025, a groundwater determination bore (C-5011) was drilled to a depth of one hundred and five (105) ft bgs to determine the presence or absence of groundwater. On October 3, 2025, Standard was on site to gauge the well and it was determined to be a dry well.



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	NMAC Closure Criteria Remediation and Reclamation				
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 21, 2025, Standard performed an initial assessment to characterize impacts. Twenty-seven (27) horizontal sample points (H-1 to H-27) were collected from surface (0) to half (0.5) ft bgs. Fifty-six (56) vertical samples points (V-1 to V-56) were collected from surface (0) to ten (10) ft bgs in one (1) ft intervals. Soil samples were placed into lab provided containers, onto ice then transported to Cardinal Labs in Hobbs, New Mexico, for the analysis of benzene, toluene, ethylbenzene, and xylenes (BTEX 8021B), Total Petroleum Hydrocarbons (TPH 8015M) and chloride (4500 CL-b). 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, however two (2) vertical sample points were above the closure criteria for chloride and/or TPH.

On August 12, 2025, Standard returned to the site to continue with delineation efforts. Two (2) vertical sample points (V-12 and V-14) were collected from depths ranging from three (3) ft bgs to twelve (12) ft bgs. Soil samples were delivered to Cardinal Labs following chain-of-custody protocol. 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-4, V-5, V-31, V-34, V-36, and V-56 to a depth of one (1) ft bgs.
- Excavate the areas of V-7 and V-9 to a depth of three (3) ft bgs.
- Excavate the areas of V-6, V-8, V-10, V-13 to V-17, V-19 to V-31, V-28, V-29, V-39, V-40, and V-42 to V-55 to a depth of four (4) ft bgs.
- Excavate the areas of V-12 to a depth of eleven (11) ft bgs.

Additionally, Standard proposes to leave all impacts from surface to four (4) ft bgs that were on pad and below the updated closure criteria to be left in place and handled upon reclamation of the site. The areas of V-1 to V-3, V-11, V-18, V-22, V-23 to V-27, V-30, V-32, V-33, V-35, V-37, V-38, and V-41 will be left in place and any areas on pad with TPH staining will be scraped to a depth of three (3) inches.

There is an estimated forty thousand eight hundred and forty (40,840) cubic yards of impacted material that will be excavated and hauled off to the closest approved disposal facility. The Proposed Excavation Map is located under Attachment B: Figure 4 Proposed Excavation Map

Standard, on behalf of Oxy, respectfully requests a 600 square foot confirmation sampling variance due to the extent of the release.

Closing

If you have any questions regarding the Site Characterization and Remediation Workplan for [nAPP2519665278] – Mesa Verde WPF 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
Mesa Verde WPF
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											
V-1	0'	7/21/2025	6,400	13.5	<10.0	13.5	13.5	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-2	0'	7/21/2025	256	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-3	0'	7/21/2025	7,600	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-4	0'	7/21/2025	4,640	34,694	454	27,800	28,254	6,440	0.32	2.99	1.15	11.2	15.7
	1'	7/21/2025	752	11.6	<10.0	11.6	11.6	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	1,040	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-5	0'	7/21/2025	8,400	1,667	18.4	1,380	1,398	269	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	1,960	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	752	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-6	0'	7/21/2025	2,930	4,365	<10.0	3,510	3,510	855	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	1,060	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	2,600	38.6	<10.0	38.6	38.6	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	1,920	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	7/21/2025	128	<10.0	<10.0	<10.0	<10.0	<10.0	0.063	0.261	0.063	0.208	0.595
V-7	0'	7/21/2025	2,400	10.5	<10.0	10.5	10.5	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	2,680	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	2,480	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	16	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	7/21/2025	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-8	0'	7/21/2025	1,920	15,230	1,350	11,600	12,950	2,280	<0.500	0.561	3.21	38.1	41.8
	1'	7/21/2025	3,090	33.4	<10.0	10.3	10.3	23.1	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	3,880	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	4,720	484.9	31.1	399	430.1	54.8	<0.050	<0.050	<0.050	0.506	0.506
	4'	7/21/2025	7,600	10.6	<10.0	10.6	10.6	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-9	0'	7/21/2025	2,600	32.6	<10.0	32.6	32.6	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	2,520	26.4	<10.0	26.4	26.4	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	1,420	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	96	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-10	0'	7/21/2025	1,580	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	3,040	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	3,200	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	7,120	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	7/21/2025	4,640	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-11	0'	7/21/2025	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300

Table 1: Delineation Assessment Analytical Data Table

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			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											
V-12	0'	7/21/2025	64	8,950	<10.0	7,460	7,460	1,490	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	16	4,986	95.8	4,260	4,356	630	<0.050	<0.050	0.301	0.732	1.03
	2'	7/21/2025	48	4,162	331	3,330	3,661	501	<0.050	0.131	1.34	3.55	5.03
	3'	7/21/2025	32	6,759	854	5,070	5,924	835	<0.100	0.93	3.22	24.2	28.3
	4'	7/21/2025	704	6,907	1,590	4,560	6,150	757	1.34	26	12.6	98.8	139
	5'	7/21/2025	1,310	8,343	1,920	5,600	7,520	823	3.39	79.9	28.2	156	267
	6'	7/21/2025	4,120	10,566	3,190	6,430	9,620	946	6.58	142	40.3	209	398
	7'	7/21/2025	5,680	14,880	4,090	9,740	13,830	1,050	13.8	261	67.8	348	691
	8'	7/21/2025	4,080	19,100	5,870	11,900	17,770	1,330	8.34	185	53.3	277	524
	9'	7/21/2025	1,950	6,752	1,730	4,360	6,090	662	1.4	54	22.4	122	199
	10'	7/21/2025	1,280	3,733	909	2,460	3,369	364	0.214	14.8	6.22	39.4	60.6
	11'	8/12/2025	704	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	12'	8/12/2025	960	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-13	0'	7/21/2025	1,700	424	<10.0	320	320	104	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	2,800	55.6	<10.0	37.8	37.8	17.8	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	4,560	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	4,800	303.3	<10.0	240	240	63.3	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	7/21/2025	7,280	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-14	0'	7/21/2025	6,240	2,480	<10.0	1,890	1,890	590	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	1,550	5,154	328	4,040	4,368	786	<0.050	0.122	0.485	0.846	1.45
	2'	7/21/2025	4,560	1,848	91.6	1,430	1,522	326	<0.050	<0.050	0.152	0.211	0.363
	3'	8/12/2025	1,730	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	8/12/2025	1,380	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-15	0'	7/21/2025	2,840	64.2	<10.0	37.2	37.2	27	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	3,400	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	5,280	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	14,800	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	7/21/2025	9,920	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-16	0'	7/21/2025	6,080	636	<10.0	493	493	143	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	2,960	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	4,680	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	10,000	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	7/21/2025	10,100	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-17	0'	7/21/2025	4,080	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	1,560	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	496	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	3,440	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	7/21/2025	1,840	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300

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			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											
V-18	0'	7/21/2025	192	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	32	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	16	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-19	0'	7/21/2025	2,720	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	4,600	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	7,200	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	5,000	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	7/21/2025	9,680	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-20	0'	7/21/2025	3,320	52	<10.0	52	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	2,680	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	3,400	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	5,280	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	7/21/2025	6,000	36.5	<10.0	36.5	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-21	0'	7/21/2025	3,040	19.3	<10.0	19.3	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	3,000	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	3,520	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	3,320	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	7/21/2025	14,600	23	<10.0	23	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-22	0'	7/21/2025	10,100	23	<10.0	23	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	704	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	96	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-23	0'	7/21/2025	6,640	221.6	<10.0	199	199	22.6	<0.050	<0.050	<0.050	<0.150	<0.300
V-24	0'	7/21/2025	5,080	885	<10.0	738	738	147	<0.050	<0.050	<0.050	<0.150	<0.300
V-25	0'	7/21/2025	14,900	32.6	<10.0	32.6	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-26	0'	7/21/2025	1,100	207	<10.0	166	166	41	<0.050	<0.050	<0.050	<0.150	<0.300
V-27	0'	7/21/2025	3,800	46.4	<10.0	46.4	46.4	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-28	0'	7/21/2025	6,080	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	3,760	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	2,600	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	3,480	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	7/21/2025	5,760	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-29	0'	7/21/2025	7,120	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	4,240	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	2,060	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	848	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	7/21/2025	16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-30	0'	7/21/2025	2,720	34.9	<10.0	34.9	34.9	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300

Table 1: Delineation Assessment Analytical Data Table

OXY USA Inc
Mesa Verde WPF
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											
V-31	0'	7/21/2025	2,260	25,120	<10.0	20,900	20,900	4,220	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	64.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	128	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	48	15.2	<10.0	15.2	15.2	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-32	0'	7/21/2025	9,520	466	<10.0	357	357	109	<0.050	<0.050	<0.050	<0.150	<0.300
V-33	0'	7/21/2025	12,800	235.3	<10.0	178	178	57.3	<0.050	<0.050	<0.050	<0.150	<0.300
V-34	0'	7/21/2025	4,400	1,669	<10.0	1,330	1,330	339	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	1,960	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	336	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-35	0'	7/21/2025	15,600	586	<10.0	439	439	147	<0.050	<0.050	<0.050	<0.150	<0.300
V-36	0'	7/21/2025	23,200	353.7	<10.0	272	272	81.7	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	448	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	80.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-37	0'	7/21/2025	9,060	339	<10.0	236	236	103	<0.050	<0.050	<0.050	<0.150	<0.300
V-38	0'	7/21/2025	4,560	315.7	<10.0	251	251	64.7	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	64	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	32	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-39	0'	7/21/2025	4,640	3,621	502	2,770	3,272	349	<0.050	0.873	1.44	10.3	12.6
	1'	7/21/2025	3,080	61.2	<10.0	61.2	61.2	<10.0	<0.050	<0.050	0.061	0.234	<0.300
	2'	7/21/2025	3,160	170.9	25.9	145	170.9	<10.0	<0.050	0.053	<0.050	0.836	0.889
	3'	7/21/2025	4,680	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	7/21/2025	6,480	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-40	0'	7/21/2025	2,880	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	3,200	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	6,160	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	0.097	<0.050	<0.150	<0.300
	3'	7/21/2025	6,080	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	7/21/2025	3,600	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-41	0'	7/21/2025	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	80	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	16	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-42	0'	7/21/2025	2,920	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	3,560	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	5,280	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	4,160	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	7/21/2025	16,200	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-43	0'	7/21/2025	3,320	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	3,560	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	5,360	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	11,800	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	7/21/2025	4,880	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300

Table 1: Delineation Assessment Analytical Data Table

OXY USA Inc
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			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											
V-44	0'	7/21/2025	2,040	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	2,480	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	2,880	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	4,800	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	7/21/2025	5,440	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-45	0'	7/21/2025	3,240	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	2,920	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	2,480	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	4,640	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	7/21/2025	6,080	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-46	0'	7/21/2025	1,330	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	2,440	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	2,720	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	2,800	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	7/21/2025	2,760	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-47	0'	7/21/2025	9,120	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	3,400	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	6,640	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	8,800	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	7/21/2025	10,100	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-48	0'	7/21/2025	7,440	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	3,800	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	4,200	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	9,840	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	7/21/2025	8,400	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-49	0'	7/21/2025	2,080	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	3,200	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	3,480	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	6,320	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	7/21/2025	12,200	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-50	0'	7/21/2025	2,960	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	2,520	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	2,720	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	352	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	7/21/2025	3,480	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-51	0'	7/21/2025	3,720	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	3,160	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	3,400	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	7,520	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	7/21/2025	8,240	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300

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			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											
V-52	0'	7/21/2025	2,560	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	3,360	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	3,640	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	5,920	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	7/21/2025	8,800	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-53	0'	7/21/2025	784	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	4,880	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	4,800	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	3,400	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	7/21/2025	2,880	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-54	0'	7/21/2025	5,600	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	3,360	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	544	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	688	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	7/21/2025	2,280	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-55	0'	7/21/2025	3,720	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	3,520	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	3,480	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	3'	7/21/2025	2,280	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	4'	7/21/2025	2,640	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
V-56	0'	7/21/2025	5,040	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	1'	7/21/2025	16	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
	2'	7/21/2025	32	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-1	0-6"	7/21/2025	32	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-2	0-6"	7/21/2025	16	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-3	0-6"	7/21/2025	16	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-4	0-6"	7/21/2025	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-5	0-6"	7/21/2025	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-6	0-6"	7/21/2025	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-7	0-6"	7/21/2025	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-8	0-6"	7/21/2025	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-9	0-6"	7/21/2025	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-10	0-6"	7/21/2025	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-11	0-6"	7/21/2025	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-12	0-6"	7/21/2025	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-13	0-6"	7/21/2025	16	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-14	0-6"	7/21/2025	16	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-15	0-6"	7/21/2025	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-16	0-6"	7/21/2025	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-17	0-6"	7/21/2025	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300

Table 1: Delineation Assessment Analytical Data Table

OXY USA Inc
Mesa Verde WPF
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-18	0-6"	7/21/2025	16	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-19	0-6"	7/21/2025	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-20	0-6"	7/21/2025	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-21	0-6"	7/21/2025	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-22	0-6"	7/21/2025	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-23	0-6"	7/21/2025	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-24	0-6"	7/21/2025	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-25	0-6"	7/21/2025	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-26	0-6"	7/21/2025	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
H-27	0-6"	7/21/2025	32	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300

Notes

· milligram per kilogram

I Petroleum Hydrocarbons

Confirmation Sample

/) - Sidewall Sample

st 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)

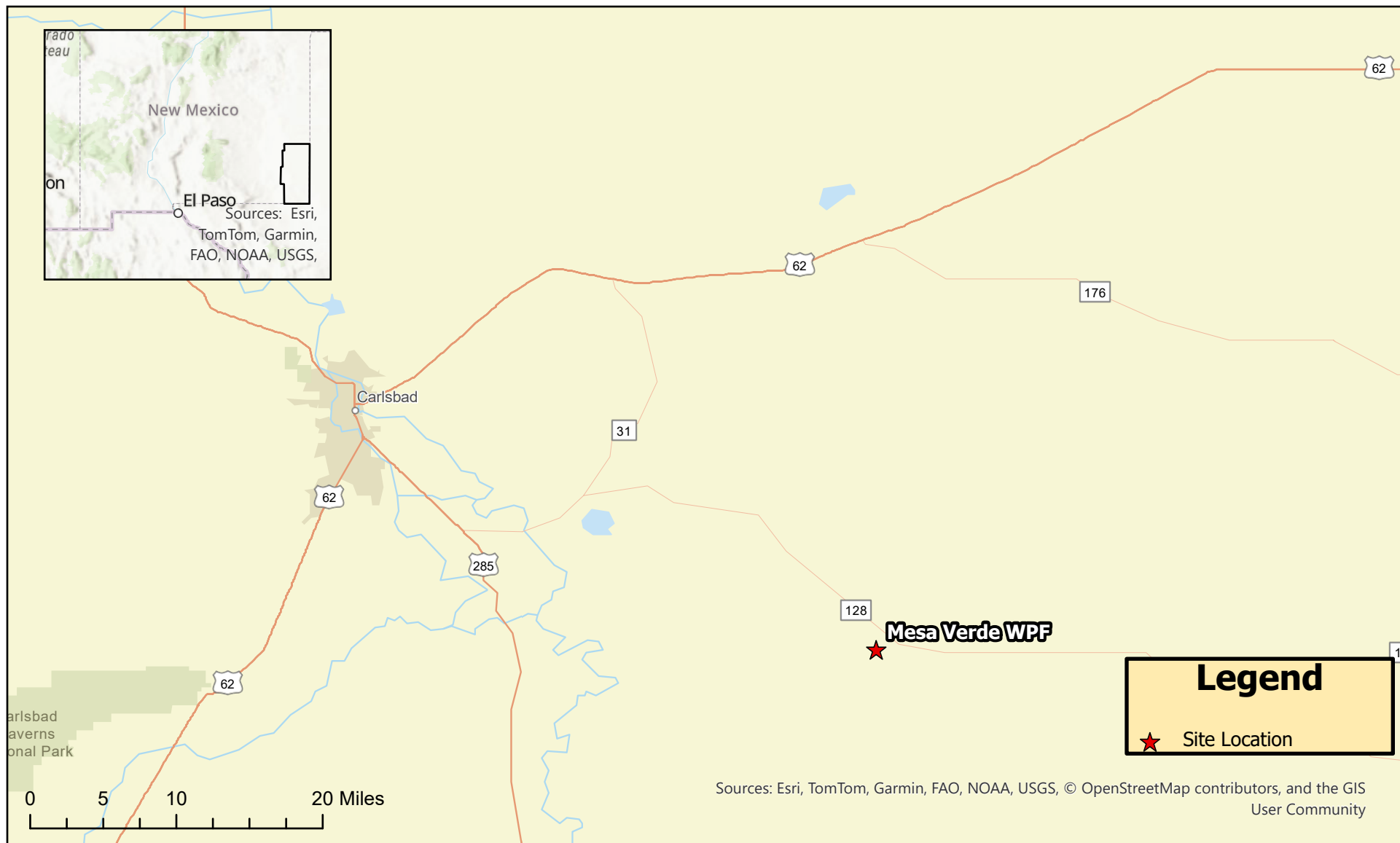
Standard Safety and Supply


<https://standardtx.com/>

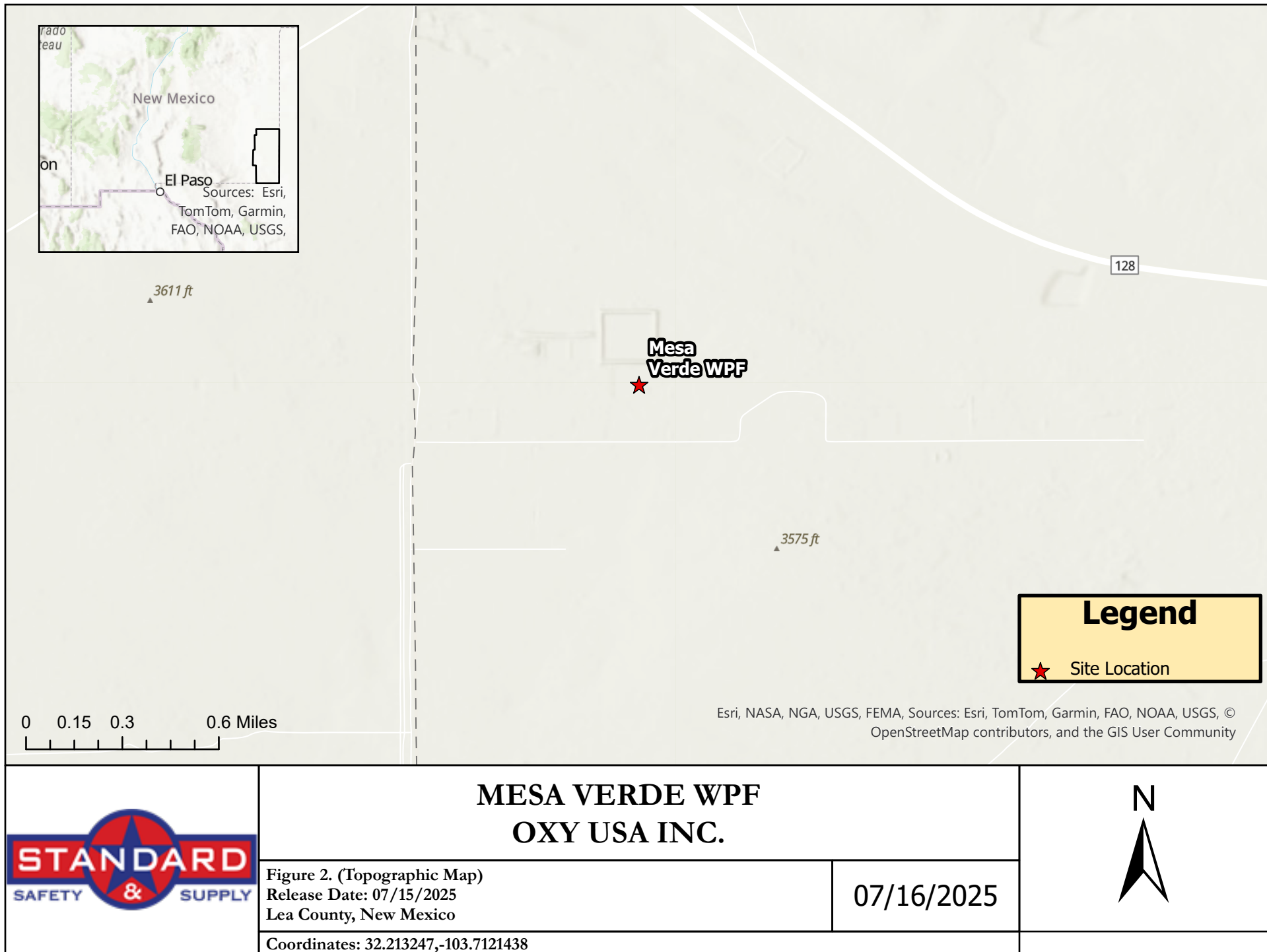


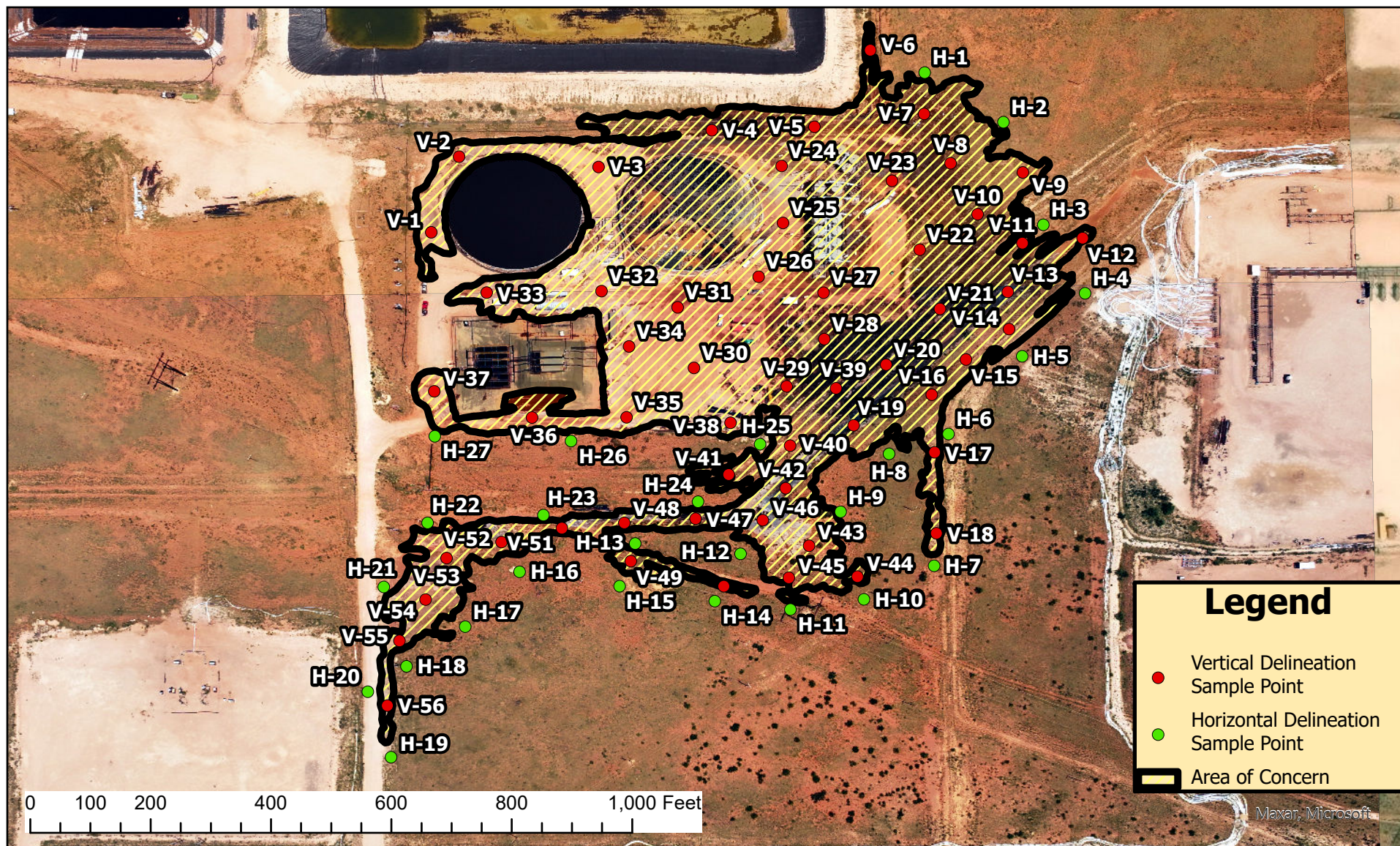
ATTACHMENT B: FIGURES





	MESA VERDE WPF OXY USA INC.		
	Figure 1. (Site Location Map) Release Date: 07/15/2025 Lea County, New Mexico	07/16/2025	
	Coordinates: 32.213247,-103.7121438		





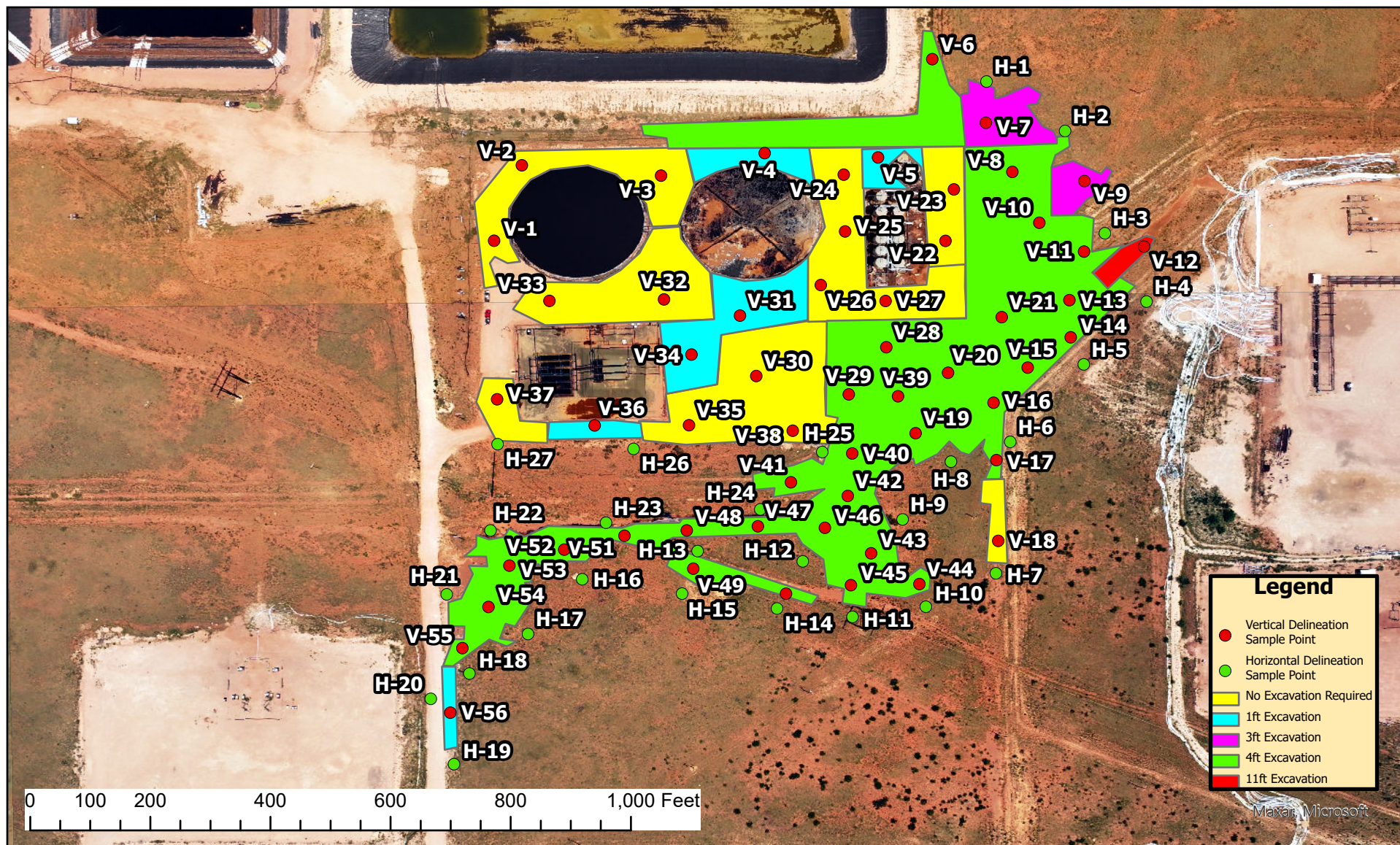
MESA VERDE WPF OXY USA INC.

Figure 3. (Delineation Map)
Release Date: 07/15/2025
Lea County, New Mexico

Coordinates: 32.213247,-103.7121438

09/02/2025





MESA VERDE WPF OXY USA INC.



Figure 4. (Proposed Excavation Map)
Release Date: 07/15/2025
Lea County, New Mexico

Coordinates: 32.213247,-103.7121438

10/07/2025



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ATTACHMENT C: SITE CHRACTERIZATION



OCD Well Locations



7/17/2025, 9:00:42 AM

Wells - Large Scale

Oil, Active

Other

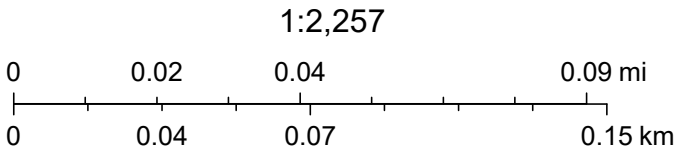
Tank

Karst Occurrence Potential

Low

PLSS Second Division

PLSS First Division



BLM, OCD, New Mexico Tech, Maxar, Microsoft, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., USGS, OCD, BLM

Mesa Verde WPF



7/17/2025, 8:54:01 AM

Override 1

Plugged

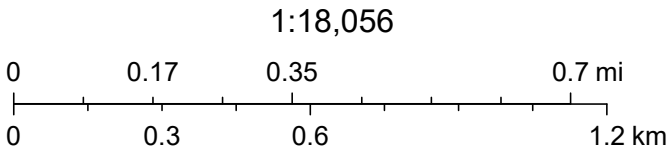
New Mexico State Trust Lands

GIS WATERS PODs

OSE District Boundary

Subsurface Estate

Pending



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



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

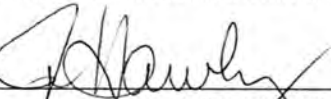
www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod-1		WELL TAG ID NO.		OSE FILE NO(S). C-5011			
	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 12	SECONDS 40.57	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE -103	42	29.60	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SESE S-18 T-24S R-32E								
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: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 10/6/25		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:				CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>			
	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)	SLOT SIZE (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

	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)	
	FROM	TO					
4. HYDROGEOLOGIC LOG OF WELL	0	20	20	sandy caliche	Y ✓ N		
	20	45	25	red sand	Y ✓ N		
	45	105	60	sandy red clay	Y ✓ N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
	METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER – SPECIFY: N/A					TOTAL ESTIMATED WELL YIELD (gpm):	
	5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
MISCELLANEOUS INFORMATION:		well was drilled on 9/30/25, gauged on 10/6/25, well bore was dry, casing was removed and the bore plugged according to the approved plugging plan on 10/6/25					
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Nathan Smelcer							
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:						
	 _____ SIGNATURE OF DRILLER / PRINT SIGNEE NAME				10/6/25 _____ DATE		

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 2 OF 2



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-5011 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, 12 min, 40.57 sec
Longitude: 103 deg, 42 min, 29.60 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: 9/11/25

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	x	7.4805	=	gallons
cubic yards	x	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 _____

Legend Basemap Query 1:9,028

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)

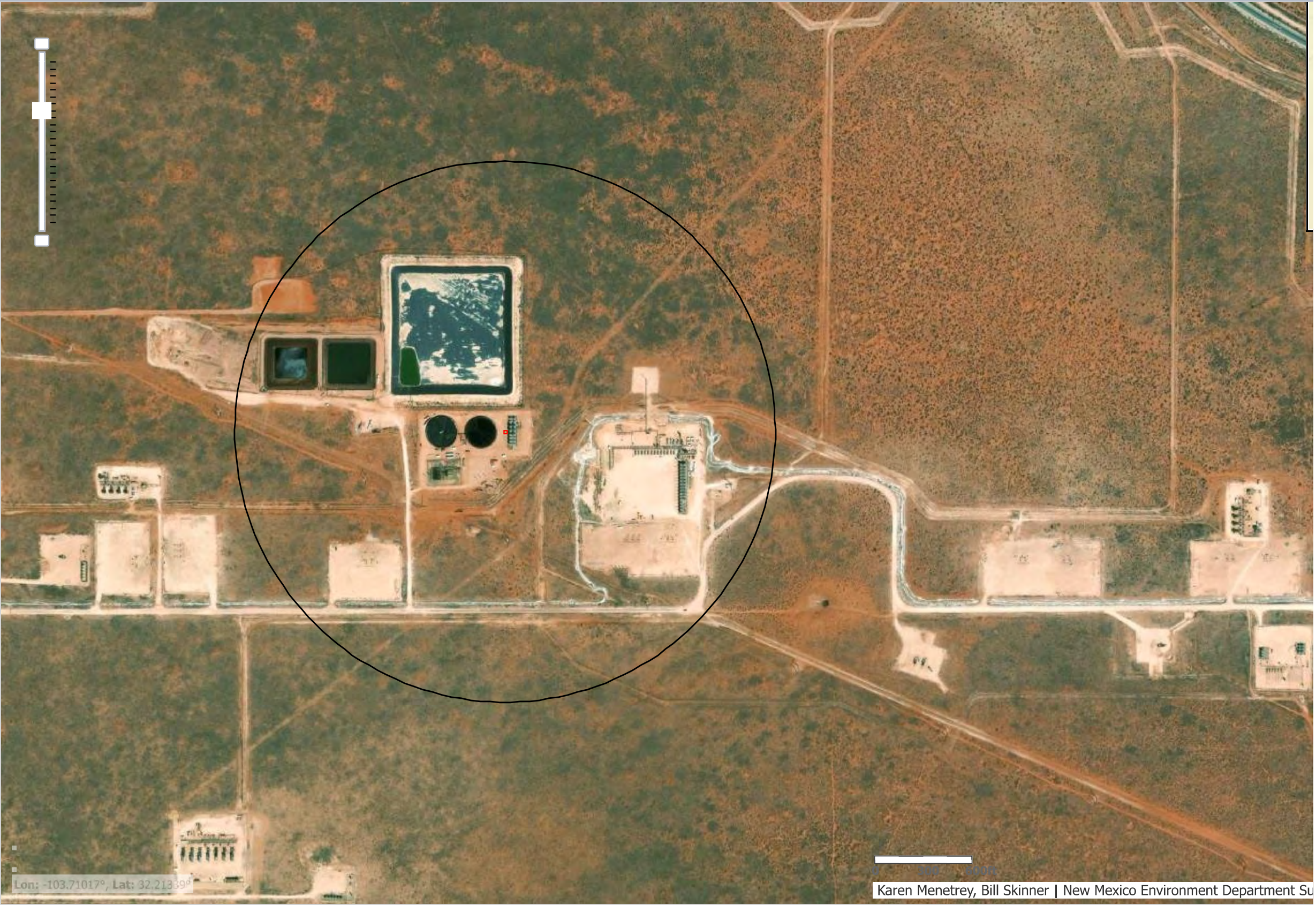
River (RV)

Stream (ST)

Terrene (TE)

Landform (LLWW)

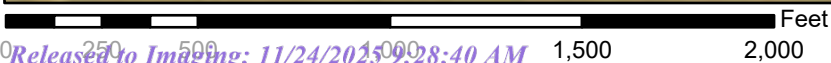
Basin



National Flood Hazard Layer FIRMette



103°43'3"W 32°13'1"N



1:6,000

103°42'26"W 32°12'31"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		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect 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 7/17/2025 at 2:52 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.








Mesa Verde WPF






July 17, 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



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



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



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

August 06, 2025

ETHAN SESSUMS

STANDARD SAFETY & SUPPLY

PO BOX 14987

ODESSA, TX 79764

RE: MESA VERDE WPF

Enclosed are the results of analyses for samples received by the laboratory on 07/24/25 15:10.

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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
V - 1 0'	H254502-01	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 2 0'	H254502-04	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 3 0'	H254502-07	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 4 0'	H254502-10	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 4 1'	H254502-11	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 4 2'	H254502-12	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 5 0'	H254502-13	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 5 1'	H254502-14	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 5 2'	H254502-15	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 7 0'	H254502-16	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 7 1'	H254502-17	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 7 2'	H254502-18	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 7 3'	H254502-19	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 7 4'	H254502-20	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 8 0'	H254502-21	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 8 1'	H254502-22	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 8 2'	H254502-23	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 8 3'	H254502-24	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 8 4'	H254502-25	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 10 0'	H254502-26	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 10 1'	H254502-27	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 10 2'	H254502-28	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 10 3'	H254502-29	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 10 4'	H254502-30	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 22 0'	H254502-31	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 22 1'	H254502-32	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 22 2'	H254502-33	Soil	21-Jul-25 00:00	24-Jul-25 15:10

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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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 23 0'	H254502-34	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 24 0'	H254502-37	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 25 0'	H254502-40	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 26 0'	H254502-43	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 27 0'	H254502-46	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 28 0'	H254502-49	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 28 1'	H254502-50	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 28 2'	H254502-51	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 28 3'	H254502-52	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 28 4'	H254502-53	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 29 0'	H254502-54	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 29 1'	H254502-55	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 29 2'	H254502-56	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 29 3'	H254502-57	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 29 4'	H254502-58	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 30 0'	H254502-59	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 31 0'	H254502-62	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 31 1'	H254502-63	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 31 2'	H254502-64	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 31 3'	H254502-65	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 32 0'	H254502-66	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 33 0'	H254502-69	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 34 0'	H254502-72	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 34 1'	H254502-73	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 34 2'	H254502-74	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 35 0'	H254502-75	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 36 0'	H254502-78	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 36 1'	H254502-79	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 36 2'	H254502-80	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 37 0'	H254502-81	Soil	21-Jul-25 00:00	24-Jul-25 15:10

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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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 38 0'	H254502-84	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 38 1'	H254502-85	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 38 2'	H254502-86	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 53 0'	H254502-89	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 53 1'	H254502-90	Soil	21-Jul-25 00:00	24-Jul-25 15:10

08/06/25 - Client added analysis to samples (see COC). This is the revised report and will replace the one sent on 07/30/25.

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 1 0'
H254502-01 (Soil)

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

Chloride	6400		16.0	mg/kg	4	5072548	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072505	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134 5072505 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	
DRO >C10-C28*	13.5		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 88.3 % 44.4-145 5072514 MS 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 82.3 % 40.6-153 5072514 MS 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 2 0'**H254502-04 (Soil)**

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

Chloride	256		16.0	mg/kg	4	5072548	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B
Toluene*	<0.050	0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	5072505	JH	25-Jul-25	8021B
Total BTEX	<0.300	0.300	mg/kg	50	5072505	JH	25-Jul-25	8021B

Surrogate: 4-Bromofluorobenzene (PID)	110 %	71.5-134	5072505	JH	25-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B

Surrogate: 1-Chlorooctane	88.0 %	44.4-145	5072514	MS	25-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	81.7 %	40.6-153	5072514	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 3 0'**H254502-07 (Soil)**

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

Chloride	7600		16.0	mg/kg	4	5072548	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072505	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134 5072505 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 82.6 % 44.4-145 5072514 MS 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 75.4 % 40.6-153 5072514 MS 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 4 0'**H254502-10 (Soil)**

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

Chloride	4640		16.0	mg/kg	4	5072548	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	0.320		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Toluene*	2.99		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Ethylbenzene*	1.15		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Total Xylenes*	11.2		0.150	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Total BTEX	15.7		0.300	mg/kg	50	5072505	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			138 %	71.5-134		5072505	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	454		50.0	mg/kg	5	5072514	MS	25-Jul-25	8015B	
DRO >C10-C28*	27800		50.0	mg/kg	5	5072514	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	6440		50.0	mg/kg	5	5072514	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane			129 %	44.4-145		5072514	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			1280 %	40.6-153		5072514	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 4 1'**H254502-11 (Soil)**

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

Chloride	752		16.0	mg/kg	4	5080145	AC	01-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5080112	JH	01-Aug-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	110 %	71.5-134	5080112	JH	01-Aug-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B	
DRO >C10-C28*	11.6	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B	

Surrogate: 1-Chlorooctane	88.6 %	44.4-145	5080101	MS	01-Aug-25	8015B	
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Surrogate: 1-Chlorooctadecane	85.7 %	40.6-153	5080101	MS	01-Aug-25	8015B	
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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 4 2'**H254502-12 (Soil)**

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

Chloride	1040		16.0	mg/kg	4	5080145	AC	01-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B
Toluene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	5080112	JH	01-Aug-25	8021B
Total BTEX	<0.300	0.300	mg/kg	50	5080112	JH	01-Aug-25	8021B

Surrogate: 4-Bromofluorobenzene (PID)	110 %	71.5-134	5080112	JH	01-Aug-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B

Surrogate: 1-Chlorooctane	86.7 %	44.4-145	5080101	MS	01-Aug-25	8015B
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Surrogate: 1-Chlorooctadecane	82.8 %	40.6-153	5080101	MS	01-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 5 0'
H254502-13 (Soil)

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

Chloride	8400		16.0	mg/kg	4	5072548	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072505	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134 5072505 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	18.4		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	
DRO >C10-C28*	1380		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	269		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 95.2 % 44.4-145 5072514 MS 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 140 % 40.6-153 5072514 MS 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 5 1'
H254502-14 (Soil)

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

Chloride	1960		16.0	mg/kg	4	5080141	AC	01-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5080112	JH	01-Aug-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %	71.5-134		5080112	JH	01-Aug-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B	

Surrogate: 1-Chlorooctane			93.0 %	44.4-145		5080101	MS	01-Aug-25	8015B	
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Surrogate: 1-Chlorooctadecane			89.7 %	40.6-153		5080101	MS	01-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 5 2'
H254502-15 (Soil)

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

Chloride	752		16.0	mg/kg	4	5080141	AC	01-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B
Toluene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	5080112	JH	01-Aug-25	8021B
Total BTEX	<0.300	0.300	mg/kg	50	5080112	JH	01-Aug-25	8021B

Surrogate: 4-Bromofluorobenzene (PID)	111 %	71.5-134	5080112	JH	01-Aug-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B

Surrogate: 1-Chlorooctane	88.2 %	44.4-145	5080101	MS	01-Aug-25	8015B
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Surrogate: 1-Chlorooctadecane	84.0 %	40.6-153	5080101	MS	01-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 7 0'**H254502-16 (Soil)**

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

Chloride	2400		16.0	mg/kg	4	5072548	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072505	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %		71.5-134	5072505	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	
DRO >C10-C28*	10.5		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane			87.0 %		44.4-145	5072514	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			80.7 %		40.6-153	5072514	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 7 1'**H254502-17 (Soil)**

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

Chloride	2680		16.0	mg/kg	4	5072548	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072505	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %		71.5-134	5072505	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane			78.2 %		44.4-145	5072514	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			71.7 %		40.6-153	5072514	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 7 2'**H254502-18 (Soil)**

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

Chloride	2480		16.0	mg/kg	4	5072538	AC	25-Jul-25	4500-Cl-B	QM-07
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072505	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134 5072505 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 82.7 % 44.4-145 5072514 MS 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 75.8 % 40.6-153 5072514 MS 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 7 3'**H254502-19 (Soil)**

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

Chloride	16.0		16.0	mg/kg	4	5072538	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072505	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %		71.5-134	5072505	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane			87.9 %		44.4-145	5072514	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			81.3 %		40.6-153	5072514	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 7 4'

H254502-20 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	5072538	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072505	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			107 %	71.5-134		5072505	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane			85.5 %	44.4-145		5072514	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			78.3 %	40.6-153		5072514	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 8 0'**H254502-21 (Soil)**

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

Chloride	1920		16.0	mg/kg	4	5072538	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.500		0.500	mg/kg	500	5072505	JH	25-Jul-25	8021B	
Toluene*	0.561		0.500	mg/kg	500	5072505	JH	25-Jul-25	8021B	
Ethylbenzene*	3.21		0.500	mg/kg	500	5072505	JH	25-Jul-25	8021B	
Total Xylenes*	38.1		1.50	mg/kg	500	5072505	JH	25-Jul-25	8021B	
Total BTEX	41.8		3.00	mg/kg	500	5072505	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		129 %	71.5-134		5072505	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	1350		50.0	mg/kg	5	5072514	MS	26-Jul-25	8015B	
DRO >C10-C28*	11600		50.0	mg/kg	5	5072514	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	2280		50.0	mg/kg	5	5072514	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane		224 %	44.4-145		5072514	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane		305 %	40.6-153		5072514	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 8 1'**H254502-22 (Soil)**

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

Chloride	3090		16.0	mg/kg	4	5072538	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072505	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134 5072505 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	
DRO >C10-C28*	10.3		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	23.1		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 88.1 % 44.4-145 5072514 MS 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 81.2 % 40.6-153 5072514 MS 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 8 2'**H254502-23 (Soil)**

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

Chloride	3880		16.0	mg/kg	4	5072538	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072505	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134 5072505 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072514	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 91.1 % 44.4-145 5072514 MS 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 84.0 % 40.6-153 5072514 MS 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 8 3'**H254502-24 (Soil)**

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

Chloride	4720		16.0	mg/kg	4	5072538	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Total Xylenes*	0.506		0.150	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Total BTEX	0.506		0.300	mg/kg	50	5072505	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			117 %		71.5-134	5072505	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	31.1		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
DRO >C10-C28*	399		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
EXT DRO >C28-C36	54.8		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane			94.3 %		44.4-145	5072515	ms	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			101 %		40.6-153	5072515	ms	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 8 4'**H254502-25 (Soil)**

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

Chloride	7600		16.0	mg/kg	4	5072538	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072505	JH	25-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072505	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	108 %	71.5-134	5072505	JH	25-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B
DRO >C10-C28*	10.6	10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B

Surrogate: 1-Chlorooctane	96.1 %	44.4-145	5072515	ms	25-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	101 %	40.6-153	5072515	ms	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 10 0'
H254502-26 (Soil)

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

Chloride	1580		16.0	mg/kg	4	5072538	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072506	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 71.5-134 5072506 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 98.3 % 44.4-145 5072515 ms 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 101 % 40.6-153 5072515 ms 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 10 1'
H254502-27 (Soil)

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

Chloride	3040		16.0	mg/kg	4	5072538	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072506	JH	25-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.9 %		71.5-134	5072506	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			97.1 %		44.4-145	5072515	ms	25-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			99.5 %		40.6-153	5072515	ms	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 10 2'
H254502-28 (Soil)

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

Chloride	3200		16.0	mg/kg	4	5072538	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072506	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 71.5-134 5072506 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 97.7 % 44.4-145 5072515 ms 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 102 % 40.6-153 5072515 ms 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 10 3'
H254502-29 (Soil)

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

Chloride	7120		16.0	mg/kg	4	5072538	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072506	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 71.5-134 5072506 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 95.1 % 44.4-145 5072515 ms 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 99.1 % 40.6-153 5072515 ms 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 10 4'
H254502-30 (Soil)

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

Chloride	4640		16.0	mg/kg	4	5072538	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072506	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 71.5-134 5072506 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 97.1 % 44.4-145 5072515 ms 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 102 % 40.6-153 5072515 ms 25-Jul-25 8015B

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 22 0'
H254502-31 (Soil)

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

Chloride	10100		16.0	mg/kg	4	5072538	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072506	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 71.5-134 5072506 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
DRO >C10-C28*	23.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 99.4 % 44.4-145 5072515 ms 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 107 % 40.6-153 5072515 ms 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 22 1'
H254502-32 (Soil)

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

Chloride	704		16.0	mg/kg	4	5080141	AC	01-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5080112	JH	01-Aug-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	109 %	71.5-134	5080112	JH	01-Aug-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B

Surrogate: 1-Chlorooctane	83.7 %	44.4-145	5080101	MS	01-Aug-25	8015B
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Surrogate: 1-Chlorooctadecane	80.1 %	40.6-153	5080101	MS	01-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 22 2'
H254502-33 (Soil)

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

Chloride	96.0		16.0	mg/kg	4	5080141	AC	01-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5080112	JH	01-Aug-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	117 %	71.5-134	5080112	JH	01-Aug-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B

Surrogate: 1-Chlorooctane	90.0 %	44.4-145	5080101	MS	01-Aug-25	8015B
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Surrogate: 1-Chlorooctadecane	86.2 %	40.6-153	5080101	MS	01-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 23 0'
H254502-34 (Soil)

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

Chloride	6640		16.0	mg/kg	4	5072538	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072506	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 71.5-134 5072506 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
DRO >C10-C28*	199		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
EXT DRO >C28-C36	22.6		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 97.9 % 44.4-145 5072515 ms 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 106 % 40.6-153 5072515 ms 25-Jul-25 8015B

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 24 0'
H254502-37 (Soil)

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

Chloride	5080		16.0	mg/kg	4	5072538	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072506	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			93.1 %		71.5-134	5072506	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
DRO >C10-C28*	738		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
EXT DRO >C28-C36	147		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane			96.2 %		44.4-145	5072515	ms	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			114 %		40.6-153	5072515	ms	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 25 0'
H254502-40 (Soil)

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

Chloride	14900		16.0	mg/kg	4	5072538	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072506	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	94.6 %	71.5-134	5072506	JH	25-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B
DRO >C10-C28*	32.6	10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B

Surrogate: 1-Chlorooctane	103 %	44.4-145	5072515	ms	25-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	113 %	40.6-153	5072515	ms	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 26 0'
H254502-43 (Soil)

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

Chloride	1100		16.0	mg/kg	4	5072538	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072506	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			94.7 %		71.5-134	5072506	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
DRO >C10-C28*	166		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
EXT DRO >C28-C36	41.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane			101 %		44.4-145	5072515	ms	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			108 %		40.6-153	5072515	ms	25-Jul-25	8015B	
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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 27 0'
H254502-46 (Soil)

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

Chloride	3800		16.0	mg/kg	4	5072538	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072506	JH	25-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.1 %		71.5-134	5072506	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
DRO >C10-C28*	46.4		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			94.7 %		44.4-145	5072515	ms	25-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			102 %		40.6-153	5072515	ms	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 28 0'
H254502-49 (Soil)

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

Chloride	6080		16.0	mg/kg	4	5072538	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B
Toluene*	<0.050	0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	5072506	JH	25-Jul-25	8021B
Total BTEX	<0.300	0.300	mg/kg	50	5072506	JH	25-Jul-25	8021B

Surrogate: 4-Bromofluorobenzene (PID)	94.7 %	71.5-134	5072506	JH	25-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B

Surrogate: 1-Chlorooctane	102 %	44.4-145	5072515	ms	25-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	108 %	40.6-153	5072515	ms	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 28 1'
H254502-50 (Soil)

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

Chloride	3760		16.0	mg/kg	4	5072568	KH	25-Jul-25	4500-Cl-B	QM-07
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072506	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134 5072506 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 99.9 % 44.4-145 5072515 ms 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 105 % 40.6-153 5072515 ms 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 28 2'
H254502-51 (Soil)

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

Chloride	2600		16.0	mg/kg	4	5072568	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072506	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			94.8 %		71.5-134	5072506	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane			93.6 %		44.4-145	5072515	ms	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			100 %		40.6-153	5072515	ms	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 28 3'
H254502-52 (Soil)

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

Chloride	3480		16.0	mg/kg	4	5072568	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072506	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	94.6 %	71.5-134	5072506	JH	25-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B

Surrogate: 1-Chlorooctane	93.9 %	44.4-145	5072515	ms	25-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	97.7 %	40.6-153	5072515	ms	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 28 4'
H254502-53 (Soil)

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

Chloride	5760		16.0	mg/kg	4	5072568	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			94.6 %	71.5-134		5072506	JH	25-Jul-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
Surrogate: 1-Chlorooctane			96.5 %	44.4-145		5072515	ms	25-Jul-25	8015B	
Surrogate: 1-Chlorooctadecane			102 %	40.6-153		5072515	ms	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 29 0'
H254502-54 (Soil)

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

Chloride	7120		16.0	mg/kg	4	5072568	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072506	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134 5072506 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 92.2 % 44.4-145 5072515 ms 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 96.1 % 40.6-153 5072515 ms 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 29 1'
H254502-55 (Soil)

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

Chloride	4240		16.0	mg/kg	4	5072568	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072506	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 71.5-134 5072506 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072515	ms	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 98.6 % 44.4-145 5072515 ms 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 102 % 40.6-153 5072515 ms 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 29 2'
H254502-56 (Soil)

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

Chloride	2060		16.0	mg/kg	4	5072568	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072506	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			94.9 %		71.5-134	5072506	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane			96.9 %		44.4-145	5072516	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			99.5 %		40.6-153	5072516	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 29 3'
H254502-57 (Soil)

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

Chloride	848		16.0	mg/kg	4	5080141	AC	01-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B
Toluene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	5080112	JH	01-Aug-25	8021B
Total BTEX	<0.300	0.300	mg/kg	50	5080112	JH	01-Aug-25	8021B

Surrogate: 4-Bromofluorobenzene (PID)	113 %	71.5-134	5080112	JH	01-Aug-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B

Surrogate: 1-Chlorooctane	92.8 %	44.4-145	5080101	MS	01-Aug-25	8015B
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Surrogate: 1-Chlorooctadecane	88.2 %	40.6-153	5080101	MS	01-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 29 4'
H254502-58 (Soil)

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

Chloride	16.0		16.0	mg/kg	4	5080141	AC	01-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5080112	JH	01-Aug-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			112 %	71.5-134		5080112	JH	01-Aug-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			87.2 %	44.4-145		5080101	MS	01-Aug-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			81.0 %	40.6-153		5080101	MS	01-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 30 0'
H254502-59 (Soil)

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

Chloride	2720		16.0	mg/kg	4	5072568	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072506	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072506	JH	25-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.4 %		71.5-134	5072506	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
DRO >C10-C28*	34.9		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			104 %		44.4-145	5072516	MS	25-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			107 %		40.6-153	5072516	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 31 0'
H254502-62 (Soil)

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

Chloride	2260		16.0	mg/kg	4	5072568	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072519	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134 5072519 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	<50.0		50.0	mg/kg	5	5072516	MS	25-Jul-25	8015B	
DRO >C10-C28*	20900		50.0	mg/kg	5	5072516	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	4220		50.0	mg/kg	5	5072516	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 122 % 44.4-145 5072516 MS 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 632 % 40.6-153 5072516 MS 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 31 1'
H254502-63 (Soil)

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

Chloride	64.0		16.0	mg/kg	4	5080141	AC	01-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5080112	JH	01-Aug-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			112 %		71.5-134	5080112	JH	01-Aug-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			80.9 %		44.4-145	5080101	MS	01-Aug-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			76.7 %		40.6-153	5080101	MS	01-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 31 2'
H254502-64 (Soil)

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

Chloride	128		16.0	mg/kg	4	5080141	AC	01-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5080112	JH	01-Aug-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	112 %	71.5-134	5080112	JH	01-Aug-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B	

Surrogate: 1-Chlorooctane	87.9 %	44.4-145	5080101	MS	01-Aug-25	8015B	
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Surrogate: 1-Chlorooctadecane	83.4 %	40.6-153	5080101	MS	01-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 31 3'
H254502-65 (Soil)

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

Chloride	48.0		16.0	mg/kg	4	5080141	AC	01-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5080112	JH	01-Aug-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			111 %	71.5-134		5080112	JH	01-Aug-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B	
DRO >C10-C28*	15.2		10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			88.4 %	44.4-145		5080101	MS	01-Aug-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			84.4 %	40.6-153		5080101	MS	01-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 32 0'
H254502-66 (Soil)

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

Chloride	9520		16.0	mg/kg	4	5072568	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072519	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134 5072519 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
DRO >C10-C28*	357		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	109		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 104 % 44.4-145 5072516 MS 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 126 % 40.6-153 5072516 MS 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 33 0'
H254502-69 (Soil)

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

Chloride	12800		16.0	mg/kg	4	5072568	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072519	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %		71.5-134	5072519	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
DRO >C10-C28*	178		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	57.3		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane			96.4 %		44.4-145	5072516	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			109 %		40.6-153	5072516	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 34 0'
H254502-72 (Soil)

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

Chloride	4400		16.0	mg/kg	4	5072568	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072519	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %		71.5-134	5072519	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
DRO >C10-C28*	1330		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	339		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane			92.6 %		44.4-145	5072516	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			159 %		40.6-153	5072516	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 34 1'
H254502-73 (Soil)

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

Chloride	1960		16.0	mg/kg	4	5080141	AC	01-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B
Toluene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	5080112	JH	01-Aug-25	8021B
Total BTEX	<0.300	0.300	mg/kg	50	5080112	JH	01-Aug-25	8021B

Surrogate: 4-Bromofluorobenzene (PID)	109 %	71.5-134	5080112	JH	01-Aug-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B

Surrogate: 1-Chlorooctane	88.3 %	44.4-145	5080101	MS	01-Aug-25	8015B
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Surrogate: 1-Chlorooctadecane	83.9 %	40.6-153	5080101	MS	01-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 34 2'
H254502-74 (Soil)

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

Chloride	336		16.0	mg/kg	4	5080141	AC	01-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B
Toluene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	5080112	JH	01-Aug-25	8021B
Total BTEX	<0.300	0.300	mg/kg	50	5080112	JH	01-Aug-25	8021B

Surrogate: 4-Bromofluorobenzene (PID)	109 %	71.5-134	5080112	JH	01-Aug-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B

Surrogate: 1-Chlorooctane	93.4 %	44.4-145	5080101	MS	01-Aug-25	8015B
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Surrogate: 1-Chlorooctadecane	89.4 %	40.6-153	5080101	MS	01-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 35 0'
H254502-75 (Soil)

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

Chloride	15600		16.0	mg/kg	4	5072568	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072519	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %	71.5-134		5072519	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
DRO >C10-C28*	439		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	147		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane			90.5 %	44.4-145		5072516	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			115 %	40.6-153		5072516	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 36 0'
H254502-78 (Soil)

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

Chloride	23200		16.0	mg/kg	4	5072568	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072519	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134 5072519 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
DRO >C10-C28*	272		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	81.7		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 79.9 % 44.4-145 5072516 MS 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 95.8 % 40.6-153 5072516 MS 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 36 1'
H254502-79 (Soil)

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

Chloride	448		16.0	mg/kg	4	5080141	AC	01-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5080112	JH	01-Aug-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	110 %	71.5-134	5080112	JH	01-Aug-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5080101	MS	01-Aug-25	8015B

Surrogate: 1-Chlorooctane	86.2 %	44.4-145	5080101	MS	01-Aug-25	8015B
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Surrogate: 1-Chlorooctadecane	86.0 %	40.6-153	5080101	MS	01-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 36 2'
H254502-80 (Soil)

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

Chloride	80.0		16.0	mg/kg	4	5080141	AC	01-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5080112	JH	01-Aug-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5080112	JH	01-Aug-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	109 %	71.5-134	5080112	JH	01-Aug-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5080101	MS	02-Aug-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5080101	MS	02-Aug-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5080101	MS	02-Aug-25	8015B

Surrogate: 1-Chlorooctane	93.0 %	44.4-145	5080101	MS	02-Aug-25	8015B
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Surrogate: 1-Chlorooctadecane	89.7 %	40.6-153	5080101	MS	02-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 37 0'
H254502-81 (Soil)

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

Chloride	9060		16.0	mg/kg	4	5072568	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072519	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	101 %	71.5-134	5072519	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
DRO >C10-C28*	236	10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	103	10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane	86.5 %	44.4-145	5072516	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane	98.3 %	40.6-153	5072516	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 38 0'
H254502-84 (Soil)

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

Chloride	4560		16.0	mg/kg	4	5072568	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072519	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134 5072519 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
DRO >C10-C28*	251		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	64.7		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 90.2 % 44.4-145 5072516 MS 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 104 % 40.6-153 5072516 MS 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 38 1'
H254502-85 (Soil)

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

Chloride	64.0		16.0	mg/kg	4	5072568	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072519	JH	25-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %	71.5-134		5072519	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			97.0 %	44.4-145		5072516	MS	25-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			100 %	40.6-153		5072516	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 38 2'
H254502-86 (Soil)

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

Chloride	32.0		16.0	mg/kg	4	5072568	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072519	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134 5072519 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 100 % 44.4-145 5072516 MS 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 102 % 40.6-153 5072516 MS 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 53 0'
H254502-89 (Soil)

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

Chloride	784		16.0	mg/kg	4	5072568	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072519	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	102 %	71.5-134	5072519	JH	25-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B

Surrogate: 1-Chlorooctane	96.1 %	44.4-145	5072516	MS	25-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	97.3 %	40.6-153	5072516	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

V - 53 1'
H254502-90 (Soil)

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

Chloride	4880		16.0	mg/kg	4	5072568	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072519	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134 5072519 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 97.5 % 44.4-145 5072516 MS 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 97.4 % 40.6-153 5072516 MS 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

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 5072538 - 1:4 DI Water**Blank (5072538-BLK1)**

Prepared & Analyzed: 25-Jul-25

Chloride	ND	16.0	mg/kg
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LCS (5072538-BS1)

Prepared & Analyzed: 25-Jul-25

Chloride	432	16.0	mg/kg	400	108	80-120
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LCS Dup (5072538-BSD1)

Prepared & Analyzed: 25-Jul-25

Chloride	432	16.0	mg/kg	400	108	80-120	0.00	20
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Batch 5072548 - 1:4 DI Water**Blank (5072548-BLK1)**

Prepared & Analyzed: 25-Jul-25

Chloride	ND	16.0	mg/kg
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LCS (5072548-BS1)

Prepared & Analyzed: 25-Jul-25

Chloride	416	16.0	mg/kg	400	104	80-120
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LCS Dup (5072548-BSD1)

Prepared & Analyzed: 25-Jul-25

Chloride	416	16.0	mg/kg	400	104	80-120	0.00	20
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Batch 5072568 - 1:4 DI Water**Blank (5072568-BLK1)**

Prepared & Analyzed: 25-Jul-25

Chloride	ND	16.0	mg/kg
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LCS (5072568-BS1)

Prepared & Analyzed: 25-Jul-25

Chloride	416	16.0	mg/kg	400	104	80-120
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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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

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 5072568 - 1:4 DI Water**LCS Dup (5072568-BSD1)**

Prepared & Analyzed: 25-Jul-25

Chloride	416	16.0	mg/kg	400	104	80-120	0.00	20
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Batch 5080141 - 1:4 DI Water**Blank (5080141-BLK1)**

Prepared & Analyzed: 01-Aug-25

Chloride	ND	16.0	mg/kg					
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LCS (5080141-BS1)

Prepared & Analyzed: 01-Aug-25

Chloride	416	16.0	mg/kg	400	104	80-120		
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LCS Dup (5080141-BSD1)

Prepared & Analyzed: 01-Aug-25

Chloride	400	16.0	mg/kg	400	100	80-120	3.92	20
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Batch 5080145 - 1:4 DI Water**Blank (5080145-BLK1)**

Prepared & Analyzed: 01-Aug-25

Chloride	ND	16.0	mg/kg					
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LCS (5080145-BS1)

Prepared & Analyzed: 01-Aug-25

Chloride	480	16.0	mg/kg	400	120	80-120		
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LCS Dup (5080145-BSD1)

Prepared & Analyzed: 01-Aug-25

Chloride	480	16.0	mg/kg	400	120	80-120	0.00	20
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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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

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 5072505 - Volatiles**Blank (5072505-BLK1)**

Prepared & Analyzed: 25-Jul-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)	0.0537		mg/kg	0.0500		107	71.5-134			

LCS (5072505-BS1)

Prepared & Analyzed: 25-Jul-25

Benzene	1.86	0.050	mg/kg	2.00		92.9	76.3-129			
Toluene	1.93	0.050	mg/kg	2.00		96.6	84.1-129			
Ethylbenzene	1.95	0.050	mg/kg	2.00		97.6	80.1-133			
m,p-Xylene	3.92	0.100	mg/kg	4.00		97.9	81.4-134			
o-Xylene	1.95	0.050	mg/kg	2.00		97.3	81.4-133			
Total Xylenes	5.86	0.150	mg/kg	6.00		97.7	81.5-134			
Surrogate: 4-Bromofluorobenzene (PID)	0.0490		mg/kg	0.0500		98.1	71.5-134			

LCS Dup (5072505-BS1)

Prepared & Analyzed: 25-Jul-25

Benzene	1.93	0.050	mg/kg	2.00		96.4	76.3-129	3.71	15.8	
Toluene	2.00	0.050	mg/kg	2.00		100	84.1-129	3.61	15.9	
Ethylbenzene	2.01	0.050	mg/kg	2.00		101	80.1-133	3.15	16	
m,p-Xylene	4.02	0.100	mg/kg	4.00		100	81.4-134	2.53	16.2	
o-Xylene	2.00	0.050	mg/kg	2.00		99.8	81.4-133	2.59	16.7	
Total Xylenes	6.01	0.150	mg/kg	6.00		100	81.5-134	2.55	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0494		mg/kg	0.0500		98.9	71.5-134			

Batch 5072506 - Volatiles**Blank (5072506-BLK1)**

Prepared & Analyzed: 25-Jul-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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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

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 5072506 - Volatiles**Blank (5072506-BLK1)**

Prepared & Analyzed: 25-Jul-25

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		93.8	71.5-134			

LCS (5072506-BS1)

Prepared & Analyzed: 25-Jul-25

Benzene	1.81	0.050	mg/kg	2.00		90.5	76.3-129			
Toluene	1.92	0.050	mg/kg	2.00		96.0	84.1-129			
Ethylbenzene	1.93	0.050	mg/kg	2.00		96.6	80.1-133			
m,p-Xylene	3.77	0.100	mg/kg	4.00		94.2	81.4-134			
o-Xylene	1.90	0.050	mg/kg	2.00		94.9	81.4-133			
Total Xylenes	5.67	0.150	mg/kg	6.00		94.5	81.5-134			
Surrogate: 4-Bromofluorobenzene (PID)	0.0463		mg/kg	0.0500		92.6	71.5-134			

LCS Dup (5072506-BS1)

Prepared & Analyzed: 25-Jul-25

Benzene	1.80	0.050	mg/kg	2.00		89.9	76.3-129	0.694	15.8	
Toluene	1.89	0.050	mg/kg	2.00		94.4	84.1-129	1.67	15.9	
Ethylbenzene	1.88	0.050	mg/kg	2.00		94.0	80.1-133	2.69	16	
m,p-Xylene	3.66	0.100	mg/kg	4.00		91.6	81.4-134	2.83	16.2	
o-Xylene	1.84	0.050	mg/kg	2.00		92.0	81.4-133	3.14	16.7	
Total Xylenes	5.50	0.150	mg/kg	6.00		91.7	81.5-134	2.93	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0463		mg/kg	0.0500		92.6	71.5-134			

Batch 5072519 - Volatiles**Blank (5072519-BLK1)**

Prepared & Analyzed: 25-Jul-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)	0.0518		mg/kg	0.0500		104	71.5-134			

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 5072519 - Volatiles**LCS (5072519-BS1)**

Prepared & Analyzed: 25-Jul-25

Benzene	1.86	0.050	mg/kg	2.00		93.0	76.3-129		
Toluene	1.89	0.050	mg/kg	2.00		94.5	84.1-129		
Ethylbenzene	1.92	0.050	mg/kg	2.00		96.2	80.1-133		
m,p-Xylene	3.92	0.100	mg/kg	4.00		97.9	81.4-134		
o-Xylene	1.94	0.050	mg/kg	2.00		96.9	81.4-133		
Total Xylenes	5.85	0.150	mg/kg	6.00		97.6	81.5-134		

Surrogate: 4-Bromofluorobenzene (PID)

0.0498

mg/kg

0.0500

99.6

71.5-134

LCS Dup (5072519-BSD1)

Prepared & Analyzed: 25-Jul-25

Benzene	1.95	0.050	mg/kg	2.00		97.7	76.3-129	5.01	15.8
Toluene	1.95	0.050	mg/kg	2.00		97.3	84.1-129	2.92	15.9
Ethylbenzene	2.01	0.050	mg/kg	2.00		101	80.1-133	4.46	16
m,p-Xylene	4.07	0.100	mg/kg	4.00		102	81.4-134	3.93	16.2
o-Xylene	2.00	0.050	mg/kg	2.00		100	81.4-133	3.41	16.7
Total Xylenes	6.08	0.150	mg/kg	6.00		101	81.5-134	3.76	16.3

Surrogate: 4-Bromofluorobenzene (PID)

0.0500

mg/kg

0.0500

100

71.5-134

Batch 5080112 - Volatiles**Blank (5080112-BLK1)**

Prepared & Analyzed: 01-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)

0.0556

mg/kg

0.0500

111

71.5-134

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 5080112 - Volatiles**LCS (5080112-BS1)**

Prepared & Analyzed: 01-Aug-25

Benzene	1.76	0.050	mg/kg	2.00		87.9	76.3-129		
Toluene	1.86	0.050	mg/kg	2.00		92.8	84.1-129		
Ethylbenzene	1.90	0.050	mg/kg	2.00		94.8	80.1-133		
m,p-Xylene	3.85	0.100	mg/kg	4.00		96.3	81.4-134		
o-Xylene	1.88	0.050	mg/kg	2.00		94.2	81.4-133		
Total Xylenes	5.73	0.150	mg/kg	6.00		95.6	81.5-134		
Surrogate: 4-Bromofluorobenzene (PID)	0.0502		mg/kg	0.0500		100	71.5-134		

LCS Dup (5080112-BS1)

Prepared & Analyzed: 01-Aug-25

Benzene	1.70	0.050	mg/kg	2.00		84.9	76.3-129	3.47	15.8
Toluene	1.76	0.050	mg/kg	2.00		88.2	84.1-129	4.99	15.9
Ethylbenzene	1.80	0.050	mg/kg	2.00		90.1	80.1-133	5.03	16
m,p-Xylene	3.66	0.100	mg/kg	4.00		91.6	81.4-134	5.01	16.2
o-Xylene	1.79	0.050	mg/kg	2.00		89.5	81.4-133	5.10	16.7
Total Xylenes	5.45	0.150	mg/kg	6.00		90.9	81.5-134	5.04	16.3
Surrogate: 4-Bromofluorobenzene (PID)	0.0491		mg/kg	0.0500		98.2	71.5-134		

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

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 5072514 - General Prep - Organics**Blank (5072514-BLK1)**

Prepared & Analyzed: 25-Jul-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	50.5		mg/kg	50.0		101	44.4-145			
Surrogate: 1-Chlorooctadecane	50.3		mg/kg	50.0		101	40.6-153			

LCS (5072514-BS1)

Prepared & Analyzed: 25-Jul-25

GRO C6-C10	204	10.0	mg/kg	200		102	81.5-123			
DRO >C10-C28	226	10.0	mg/kg	200		113	77.7-122			
Total TPH C6-C28	430	10.0	mg/kg	400		107	80.9-121			
Surrogate: 1-Chlorooctane	55.3		mg/kg	50.0		111	44.4-145			
Surrogate: 1-Chlorooctadecane	54.0		mg/kg	50.0		108	40.6-153			

LCS Dup (5072514-BS1)

Prepared & Analyzed: 25-Jul-25

GRO C6-C10	195	10.0	mg/kg	200		97.5	81.5-123	4.34	13	
DRO >C10-C28	220	10.0	mg/kg	200		110	77.7-122	2.89	15.6	
Total TPH C6-C28	415	10.0	mg/kg	400		104	80.9-121	3.58	18.5	
Surrogate: 1-Chlorooctane	55.0		mg/kg	50.0		110	44.4-145			
Surrogate: 1-Chlorooctadecane	53.8		mg/kg	50.0		108	40.6-153			

Batch 5072515 - General Prep - Organics**Blank (5072515-BLK1)**

Prepared & Analyzed: 25-Jul-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	50.6		mg/kg	50.0		101	44.4-145			
Surrogate: 1-Chlorooctadecane	55.2		mg/kg	50.0		110	40.6-153			

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

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 5072515 - General Prep - Organics**LCS (5072515-BS1)**

Prepared & Analyzed: 25-Jul-25

GRO C6-C10	210	10.0	mg/kg	200		105	81.5-123			
DRO >C10-C28	194	10.0	mg/kg	200		97.0	77.7-122			
Total TPH C6-C28	404	10.0	mg/kg	400		101	80.9-121			
Surrogate: 1-Chlorooctane	53.1		mg/kg	50.0		106	44.4-145			
Surrogate: 1-Chlorooctadecane	56.5		mg/kg	50.0		113	40.6-153			

LCS Dup (5072515-BS1)

Prepared & Analyzed: 25-Jul-25

GRO C6-C10	206	10.0	mg/kg	200		103	81.5-123	2.03	13	
DRO >C10-C28	191	10.0	mg/kg	200		95.5	77.7-122	1.60	15.6	
Total TPH C6-C28	397	10.0	mg/kg	400		99.2	80.9-121	1.82	18.5	
Surrogate: 1-Chlorooctane	54.2		mg/kg	50.0		108	44.4-145			
Surrogate: 1-Chlorooctadecane	57.5		mg/kg	50.0		115	40.6-153			

Batch 5072516 - General Prep - Organics**Blank (5072516-BLK1)**

Prepared & Analyzed: 25-Jul-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	54.6		mg/kg	50.0		109	44.4-145			
Surrogate: 1-Chlorooctadecane	57.5		mg/kg	50.0		115	40.6-153			

LCS (5072516-BS1)

Prepared & Analyzed: 25-Jul-25

GRO C6-C10	225	10.0	mg/kg	200		112	81.5-123			
DRO >C10-C28	227	10.0	mg/kg	200		113	77.7-122			
Total TPH C6-C28	452	10.0	mg/kg	400		113	80.9-121			
Surrogate: 1-Chlorooctane	59.2		mg/kg	50.0		118	44.4-145			
Surrogate: 1-Chlorooctadecane	62.6		mg/kg	50.0		125	40.6-153			

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 13:22

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 5072516 - General Prep - Organics**LCS Dup (5072516-BSD1)**

Prepared & Analyzed: 25-Jul-25

GRO C6-C10	214	10.0	mg/kg	200		107	81.5-123	4.82	13	
DRO >C10-C28	217	10.0	mg/kg	200		109	77.7-122	4.28	15.6	
Total TPH C6-C28	432	10.0	mg/kg	400		108	80.9-121	4.55	18.5	
Surrogate: 1-Chlorooctane	58.8		mg/kg	50.0		118	44.4-145			
Surrogate: 1-Chlorooctadecane	60.9		mg/kg	50.0		122	40.6-153			

Batch 5080101 - General Prep - Organics**Blank (5080101-BLK1)**

Prepared & Analyzed: 01-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	45.6		mg/kg	50.0		91.1	44.4-145			
Surrogate: 1-Chlorooctadecane	44.5		mg/kg	50.0		89.0	40.6-153			

LCS (5080101-BS1)

Prepared & Analyzed: 01-Aug-25

GRO C6-C10	182	10.0	mg/kg	200		91.2	81.5-123			
DRO >C10-C28	181	10.0	mg/kg	200		90.7	77.7-122			
Total TPH C6-C28	364	10.0	mg/kg	400		91.0	80.9-121			
Surrogate: 1-Chlorooctane	49.0		mg/kg	50.0		98.0	44.4-145			
Surrogate: 1-Chlorooctadecane	48.8		mg/kg	50.0		97.6	40.6-153			

LCS Dup (5080101-BSD1)

Prepared & Analyzed: 01-Aug-25

GRO C6-C10	186	10.0	mg/kg	200		92.8	81.5-123	1.71	13	
DRO >C10-C28	184	10.0	mg/kg	200		91.9	77.7-122	1.28	15.6	
Total TPH C6-C28	369	10.0	mg/kg	400		92.3	80.9-121	1.49	18.5	
Surrogate: 1-Chlorooctane	50.7		mg/kg	50.0		101	44.4-145			
Surrogate: 1-Chlorooctadecane	50.3		mg/kg	50.0		101	40.6-153			

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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".

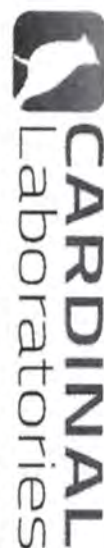
Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

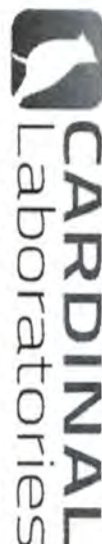
[illegible]



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Standard Safety and Supply					BILL TO					ANALYSIS REQUEST									
Project Manager: Ethan Sessums					P.O. #:														
Address:					Company: Oxy														
City: Carlsbad					State: NM					Attn: Daniel Sparks									
Phone #: 354-266-5456					Fax #:					Address:									
Project #:					Project Owner: Oxy					City:									
Project Name: Mesa Verde WPF					State:					Zip:									
Project Location: Lea Co, New Mexico					Phone #:					Fax #:									
Sampler Name: Kenny Han, Carson Carter																			
FOR LAB USE ONLY																			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	BTEX	TPH	Chloride	added Hold Remove to 7/31/25	HOLD	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :										ACID/BASE:
1054502	V-4	1'	G	X								7/21							X
13	V-4	2'	I	X															X
13	V-5	0'	I	X															X
14	V-5	1'	I	X															X
15	V-5	2'	I	X															X
16	V-7	0'	I	X															X
17	V-7	1'	I	X															X
18	V-7	2'	I	X															X
19	V-7	3'	I	X															X
20	V-7	4'	I	X															X
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Relinquished By: [Signature] Date: 7/24/25 Time: 12:30					Received By: [Signature] Date: _____ Time: _____					REMARKS: Please wait for PO# before running the samples									
Delivered By: (Circle One) Sampler - UPS Bus Other: _____					Observed Temp.: °C 14.0 Corrected Temp.: °C 13.1					Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Bacteria (only) Sample Condition <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					CHECKED BY: (Initials) AD Turnaround Time: Rush <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Thermometer ID: #1137140 Correction Factor: 0.5°C to 0.2°C				



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



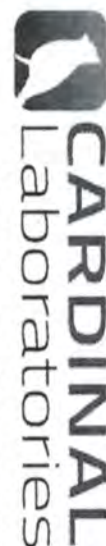
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Standard Safety and Supply				BILL TO				ANALYSIS REQUEST			
Project Manager: Ethan Sessums				P.O. #:							
Address:				Company: Oxy							
City: Carlsbad				State: NM				Attn: Daniel Sparks			
Phone #: 354-266-5456				Fax #:				Address:			
Project #:				Project Owner: Oxy				City:			
Project Name: Mesa Verde WPF				State:				Zip:			
Project Location: Lea Co, New Mexico				Phone #:				Fax #:			
Sampler Name: Kenny Han, Carson Carter											

FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING			
Observed Temp. °C	Corrected Temp. °C							GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME
				V-22	0'	G	1	X									7/21	
				V-22	1'			X										
				V-22	2'			X										
				V-23	0'			X										
				V-23	1'			X										
				V-23	2'			X										
				V-24	0'			X										
				V-24	1'			X										
				V-24	2'			X										
				V-25	0'			X										

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Relinquished By: [Signature]		All Results are emailed. Please provide Email address:	
Time: 7/24		REMARKS:	
Date: 7/24		Please wait for PO# before running the samples	
Received By: [Signature]			
Turnaround Time: Standard (KUSH)		Bacteria (only) Sample Condition	
Thermometer ID: #13 #107		Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Correction Factor: -0.5°C + 0.8°C		Observed Temp. °C	
		Corrected Temp. °C	



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Standard Safety and Supply										BILL TO										ANALYSIS REQUEST																			
Project Manager: Ethan Sessums										P.O. #:																													
Address:										Company: Oxy																													
City: (Carlsbad)										State: NM Zip: 88220										Attn: Daniel Sparks																			
Phone #: 354-266-5456										Fax #:										Address:																			
Project #:										Project Owner: Oxy										City:																			
Project Name: Mesa Verde WPF										State: Zip:																													
Project Location: Lea Co, New Mexico										Phone #:																													
Sampler Name: Kenny Han, Carson Carter										Fax #:																													
FOR LAB USE ONLY																																							
Lab I.D.										Sample I.D.										(G)RAB OR (C)OMP.										# CONTAINERS									
MATRIX										PRESERV.										SAMPLING																			
																														SOIL									
OTHER :										ACID/BASE:										ICE / COOL																			
																														OTHER :									
V-28										2'										5																			
V-28										3'										X																			
V-28										4'										X																			
V-29										0'										X																			
V-29										1'										X																			
V-29										2'										X																			
V-29										3'										X																			
V-29										4'										X																			
V-30										0'										X																			
V-30										1'										X																			

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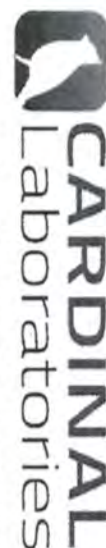
Requisitioned By:										Date: 7/24/25										Received By:									
Time: 1510																				Time: 1510									
Delivered By: (Circle One)										Observed Temp.: -1.0										Sample Condition									
Sampler - UPS - Bus - Other:										Corrected Temp.: -1.3										Cool Intact Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>									
CHECKED BY: (Initials)										Turnaround Time: 4734435										Standard Rush <input type="checkbox"/>									
Thermometer ID: 413										Add'l Phone #:										Bacteria (only) Sample Condition									
Correction Factor: 0.5C + 0.2																				Cool Intact Yes <input type="checkbox"/> No <input type="checkbox"/>									
																				Observed Temp.: °C									
																				Corrected Temp.: °C									

REMARKS: Please wait for PO# before running the samples

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

All Results are emailed. Please provide Email address:

Ethan.Sessums@standard-safety.com, Kenny.Han@standard-safety.com



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Standard Safety and Supply										BILL TO										ANALYSIS REQUEST									
Project Manager: Ethan Seassums										P.O. #:																			
Address:										Company: Oxy																			
City: <u>Carlsbad</u>										State: <u>CA</u> Zip: <u>92008</u>										Attn: Daniel Sparks									
Phone #: <u>354-266-5456</u>										Fax #: _____										Address: _____									
Project #:										Project Owner: <u>Oxy</u>										City: _____									
Project Name: <u>Mesa Verde WPF</u>										State: _____ Zip: _____										Phone #: _____									
Project Location: <u>Lea Co, New Mexico</u>										Fax #: _____																			
Sampler Name: <u>Kenny Han, Carson Carter</u>																													

FOR LAB USE ONLY																			
Lab I.D. _____										Sample I.D. _____									
										(G)RAB OR (C)OMP.									
										# CONTAINERS									
										GROUNDWATER									
										WASTEWATER									
										SOIL									
										OIL									
										SLUDGE									
										OTHER :									
										ACID/BASE:									
										ICE / COOL <input checked="" type="checkbox"/>									
										OTHER :									
										DATE									
										TIME									

										DATE										TIME									
										7/21										7/21									
										V-33										2'									
										V-34										0'									
										V-34										1'									
										V-34										2'									
										V-35										0'									
										V-35										1'									
										V-35										2'									
										V-36										0'									
										V-36										1'									
										V-36										2'									

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Relinquished By: _____										Date: <u>7/21/05</u>										Received By: _____									
Time: <u>1:40</u>										Date: _____										Received By: _____									
Time: _____										Date: _____										Received By: _____									
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____										Observed Temp.: °C <u>-1.0</u>										Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No									
Corrected Temp.: °C <u>-1.3</u>										CHECKED BY: (Initials) <u>AB</u>										Turnaround Time: _____									
										Thermometer ID #13-#103										Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>									
										Correction Factor: -0.5°C to 0.3°C										Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Observed Temp.: °C									
																				Corrected Temp.: °C									

REMARKS:									
Please wait for PO# before running the samples									

Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No										Add'l Phone #:									
All Results are emailed. Please provide Email address:										Email: <u>ethan.seassums@standard-safety.com</u> , <u>kenny.han@standard-safety.com</u>									

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

August 06, 2025

ETHAN SESSUMS

STANDARD SAFETY & SUPPLY

PO BOX 14987

ODESSA, TX 79764

RE: MESA VERDE WPF

Enclosed are the results of analyses for samples received by the laboratory on 07/24/25 15:10.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" being more prominent.

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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
V - 53 2'	H254503-01	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 53 3'	H254503-02	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 53 4'	H254503-03	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 54 0'	H254503-04	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 54 1'	H254503-05	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 54 2'	H254503-06	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 54 3'	H254503-07	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 54 4'	H254503-08	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 55 0'	H254503-09	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 55 1'	H254503-10	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 55 2'	H254503-11	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 55 3'	H254503-12	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 55 4'	H254503-13	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 56 0'	H254503-14	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 56 1'	H254503-15	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 56 2'	H254503-16	Soil	21-Jul-25 00:00	24-Jul-25 15:10
V - 9 0'	H254503-19	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 9 1'	H254503-20	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 9 2'	H254503-21	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 9 3'	H254503-22	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 11 0'	H254503-24	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 11 1'	H254503-25	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 11 2'	H254503-26	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 12 0'	H254503-29	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 12 1'	H254503-30	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 12 2'	H254503-31	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 12 3'	H254503-32	Soil	22-Jul-25 00:00	24-Jul-25 15:10

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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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 12 4'	H254503-33	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 12 5'	H254503-34	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 12 6'	H254503-35	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 12 7'	H254503-36	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 12 8'	H254503-37	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 12 9'	H254503-38	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 12 10'	H254503-39	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 13 0'	H254503-40	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 13 1'	H254503-41	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 13 2'	H254503-42	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 13 3'	H254503-43	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 13 4'	H254503-44	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 14 0'	H254503-45	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 14 1'	H254503-46	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 14 2'	H254503-47	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 15 0'	H254503-50	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 15 1'	H254503-51	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 15 2'	H254503-52	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 15 3'	H254503-53	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 15 4'	H254503-54	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 16 0'	H254503-55	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 16 1'	H254503-56	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 16 2'	H254503-57	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 16 3'	H254503-58	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 16 4'	H254503-59	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 17 0'	H254503-60	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 17 1'	H254503-61	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 17 2'	H254503-62	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 17 3'	H254503-63	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 17 4'	H254503-64	Soil	23-Jul-25 00:00	24-Jul-25 15:10

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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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 18 0'	H254503-65	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 18 1'	H254503-66	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 18 2'	H254503-67	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 19 0'	H254503-70	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 19 1'	H254503-71	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 19 2'	H254503-72	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 19 3'	H254503-73	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 19 4'	H254503-74	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 20 0'	H254503-75	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 20 1'	H254503-76	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 20 2'	H254503-77	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 20 3'	H254503-78	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 20 4'	H254503-79	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 21 0'	H254503-80	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 21 1'	H254503-81	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 21 2'	H254503-82	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 21 3'	H254503-83	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 21 4'	H254503-84	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 39 0'	H254503-85	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 39 1'	H254503-86	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 39 2'	H254503-87	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 39 3'	H254503-88	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 39 4'	H254503-89	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 40 0'	H254503-90	Soil	22-Jul-25 00:00	24-Jul-25 15:10

08/06/25 - Client added analysis to samples (see COC). This is the revised report and will replace the one sent on 07/30/25.

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 53 2'
H254503-01 (Soil)

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

Chloride	4800		16.0	mg/kg	4	5072569	AC	25-Jul-25	4500-Cl-B	QM-07
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072519	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072519	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134 5072519 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 103 % 44.4-145 5072516 MS 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 105 % 40.6-153 5072516 MS 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 53 3'
H254503-02 (Soil)

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

Chloride	3400		16.0	mg/kg	4	5072569	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072519	JH	26-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072519	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072519	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072519	JH	26-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072519	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	102 %	71.5-134	5072519	JH	26-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B

Surrogate: 1-Chlorooctane	102 %	44.4-145	5072516	MS	25-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	103 %	40.6-153	5072516	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 53 4'
H254503-03 (Soil)

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

Chloride	2880		16.0	mg/kg	4	5072569	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072519	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072519	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072519	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072519	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072519	JH	26-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			100 %	71.5-134		5072519	JH	26-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			105 %	44.4-145		5072516	MS	25-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			106 %	40.6-153		5072516	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 54 0'
H254503-04 (Soil)

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

Chloride	5600		16.0	mg/kg	4	5072569	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072519	JH	26-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072519	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072519	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072519	JH	26-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072519	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	102 %	71.5-134	5072519	JH	26-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B

Surrogate: 1-Chlorooctane	95.5 %	44.4-145	5072516	MS	25-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	96.3 %	40.6-153	5072516	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 54 1'
H254503-05 (Soil)

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

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Chloride	3360		16.0	mg/kg	4	5072569	AC	25-Jul-25	4500-Cl-B	

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072519	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072519	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072519	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072519	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072519	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %		71.5-134	5072519	JH	26-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane			95.6 %		44.4-145	5072516	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			97.3 %		40.6-153	5072516	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 54 2'
H254503-06 (Soil)

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

Chloride	544		16.0	mg/kg	4	5072569	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072519	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072519	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072519	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072519	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072519	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %		71.5-134	5072519	JH	26-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072516	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane			89.9 %		44.4-145	5072516	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			91.1 %		40.6-153	5072516	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 54 3'
H254503-07 (Soil)

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

Chloride	688		16.0	mg/kg	4	5072569	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072519	JH	26-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072519	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072519	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072519	JH	26-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072519	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	102 %	71.5-134	5072519	JH	26-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane	95.0 %	44.4-145	5072517	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane	99.9 %	40.6-153	5072517	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 54 4'
H254503-08 (Soil)

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

Chloride	2280		16.0	mg/kg	4	5072569	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072519	JH	26-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072519	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072519	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072519	JH	26-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072519	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	103 %	71.5-134	5072519	JH	26-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B

Surrogate: 1-Chlorooctane	92.2 %	44.4-145	5072517	MS	25-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	94.9 %	40.6-153	5072517	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 55 0'
H254503-09 (Soil)

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

Chloride	3720		16.0	mg/kg	4	5072569	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072521	JH	25-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.1 %		71.5-134	5072521	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			97.4 %		44.4-145	5072517	MS	25-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			99.7 %		40.6-153	5072517	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 55 1'
H254503-10 (Soil)

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

Chloride	3520		16.0	mg/kg	4	5072569	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072521	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	94.6 %	71.5-134	5072521	JH	25-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B

Surrogate: 1-Chlorooctane	91.5 %	44.4-145	5072517	MS	25-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	93.6 %	40.6-153	5072517	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 55 2'
H254503-11 (Soil)

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

Chloride	3480		16.0	mg/kg	4	5072569	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072521	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	94.5 %	71.5-134	5072521	JH	25-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B

Surrogate: 1-Chlorooctane	102 %	44.4-145	5072517	MS	25-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	105 %	40.6-153	5072517	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 55 3'
H254503-12 (Soil)

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

Chloride	2280		16.0	mg/kg	4	5072569	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072521	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			93.5 %	71.5-134		5072521	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane			98.7 %	44.4-145		5072517	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			103 %	40.6-153		5072517	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 55 4'
H254503-13 (Soil)

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

Chloride	2640		16.0	mg/kg	4	5072569	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072521	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	94.1 %	71.5-134	5072521	JH	25-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B

Surrogate: 1-Chlorooctane	89.4 %	44.4-145	5072517	MS	25-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	91.3 %	40.6-153	5072517	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 56 0'
H254503-14 (Soil)

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

Chloride	5040		16.0	mg/kg	4	5072569	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072521	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	93.7 %	71.5-134	5072521	JH	25-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B

Surrogate: 1-Chlorooctane	104 %	44.4-145	5072517	MS	25-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	106 %	40.6-153	5072517	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 56 1'
H254503-15 (Soil)

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

Chloride	16.0		16.0	mg/kg	4	5072569	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072521	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			94.1 %		71.5-134	5072521	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane			99.7 %		44.4-145	5072517	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			103 %		40.6-153	5072517	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 56 2'
H254503-16 (Soil)

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

Chloride	32.0		16.0	mg/kg	4	5072569	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072521	JH	25-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.3 %	71.5-134		5072521	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			117 %	44.4-145		5072517	MS	25-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			121 %	40.6-153		5072517	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 9 0'**H254503-19 (Soil)**

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

Chloride	2600		16.0	mg/kg	4	5072569	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072521	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 71.5-134 5072521 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	
DRO >C10-C28*	32.6		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 94.7 % 44.4-145 5072517 MS 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 101 % 40.6-153 5072517 MS 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 9 1'**H254503-20 (Soil)**

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

Chloride	2520		16.0	mg/kg	4	5072569	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072521	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 71.5-134 5072521 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	
DRO >C10-C28*	26.4		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 97.0 % 44.4-145 5072517 MS 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 102 % 40.6-153 5072517 MS 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 9 2'**H254503-21 (Soil)**

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

Chloride	1420		16.0	mg/kg	4	5072569	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072521	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 71.5-134 5072521 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 91.6 % 44.4-145 5072517 MS 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 96.2 % 40.6-153 5072517 MS 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 9 3'**H254503-22 (Soil)**

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

Chloride	96.0		16.0	mg/kg	4	5072569	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072521	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	94.8 %	71.5-134	5072521	JH	25-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B

Surrogate: 1-Chlorooctane	80.2 %	44.4-145	5072517	MS	25-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	81.5 %	40.6-153	5072517	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 11 0'
H254503-24 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	5072567	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072521	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			93.8 %		71.5-134	5072521	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane			87.7 %		44.4-145	5072517	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			91.5 %		40.6-153	5072517	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 11 1'
H254503-25 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	5072567	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072521	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			94.8 %		71.5-134	5072521	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane			86.9 %		44.4-145	5072517	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			90.5 %		40.6-153	5072517	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 11 2'
H254503-26 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	5072567	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072521	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			94.3 %		71.5-134	5072521	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane			99.7 %		44.4-145	5072517	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			102 %		40.6-153	5072517	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 12 0'
H254503-29 (Soil)

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

Chloride	64.0		16.0	mg/kg	4	5072567	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072521	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		92.5 %		71.5-134		5072521	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	
DRO >C10-C28*	7460		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	1490		10.0	mg/kg	1	5072517	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane		110 %		44.4-145		5072517	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane		232 %		40.6-153		5072517	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 12 1'
H254503-30 (Soil)

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

Chloride	16.0		16.0	mg/kg	4	5072567	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Ethylbenzene*	0.301		0.050	mg/kg	50	5072521	JH	25-Jul-25	8021B	GC-NC1
Total Xylenes*	0.732		0.150	mg/kg	50	5072521	JH	25-Jul-25	8021B	
Total BTEX	1.03		0.300	mg/kg	50	5072521	JH	25-Jul-25	8021B	GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 184 % 71.5-134 5072521 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	95.8		10.0	mg/kg	1	5072517	MS	26-Jul-25	8015B	
DRO >C10-C28*	4260		10.0	mg/kg	1	5072517	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	630		10.0	mg/kg	1	5072517	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 105 % 44.4-145 5072517 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 148 % 40.6-153 5072517 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 12 2'
H254503-31 (Soil)

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

Chloride	48.0		16.0	mg/kg	4	5072567	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	5072521	JH	26-Jul-25	8021B	
Toluene*	0.131		0.050	mg/kg	50	5072521	JH	26-Jul-25	8021B	
Ethylbenzene*	1.34		0.050	mg/kg	50	5072521	JH	26-Jul-25	8021B	GC-NC1
Total Xylenes*	3.55		0.150	mg/kg	50	5072521	JH	26-Jul-25	8021B	
Total BTEX	5.03		0.300	mg/kg	50	5072521	JH	26-Jul-25	8021B	GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 399 % 71.5-134 5072521 JH 26-Jul-25 8021B

Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	331		10.0	mg/kg	1	5072517	MS	26-Jul-25	8015B	
DRO >C10-C28*	3330		10.0	mg/kg	1	5072517	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	501		10.0	mg/kg	1	5072517	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 119 % 44.4-145 5072517 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 177 % 40.6-153 5072517 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 12 3'
H254503-32 (Soil)

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

Chloride	32.0		16.0	mg/kg	4	5072567	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.100		0.100	mg/kg	100	5072521	JH	28-Jul-25	8021B	
Toluene*	0.930		0.100	mg/kg	100	5072521	JH	28-Jul-25	8021B	
Ethylbenzene*	3.22		0.100	mg/kg	100	5072521	JH	28-Jul-25	8021B	GC-NC1
Total Xylenes*	24.2		0.300	mg/kg	100	5072521	JH	28-Jul-25	8021B	
Total BTEX	28.3		0.600	mg/kg	100	5072521	JH	28-Jul-25	8021B	GC-NC1

Surrogate: 4-Bromofluorobenzene (PID)		398 %		71.5-134		5072521	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	854		10.0	mg/kg	1	5072518	MS	25-Jul-25	8015B	
DRO >C10-C28*	5070		10.0	mg/kg	1	5072518	MS	25-Jul-25	8015B	QM-07, QR-03
EXT DRO >C28-C36	835		10.0	mg/kg	1	5072518	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane		156 %		44.4-145		5072518	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane		152 %		40.6-153		5072518	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 12 4'
H254503-33 (Soil)

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

Chloride	704		16.0	mg/kg	4	5072567	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	1.34		1.00	mg/kg	1000	5072521	JH	28-Jul-25	8021B	
Toluene*	26.0		1.00	mg/kg	1000	5072521	JH	28-Jul-25	8021B	
Ethylbenzene*	12.6		1.00	mg/kg	1000	5072521	JH	28-Jul-25	8021B	GC-NC1
Total Xylenes*	98.8		3.00	mg/kg	1000	5072521	JH	28-Jul-25	8021B	
Total BTEX	139		6.00	mg/kg	1000	5072521	JH	28-Jul-25	8021B	GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134 5072521 JH 28-Jul-25 8021B

Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	1590		10.0	mg/kg	1	5072518	MS	25-Jul-25	8015B	
DRO >C10-C28*	4560		10.0	mg/kg	1	5072518	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	757		10.0	mg/kg	1	5072518	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 151 % 44.4-145 5072518 MS 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 141 % 40.6-153 5072518 MS 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 12 5'
H254503-34 (Soil)

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

Chloride	1310		16.0	mg/kg	4	5080141	AC	01-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	3.39		0.500	mg/kg	500	5080112	JH	01-Aug-25	8021B	
Toluene*	79.9		0.500	mg/kg	500	5080112	JH	01-Aug-25	8021B	
Ethylbenzene*	28.2		0.500	mg/kg	500	5080112	JH	01-Aug-25	8021B	
Total Xylenes*	156		1.50	mg/kg	500	5080112	JH	01-Aug-25	8021B	
Total BTEX	267		3.00	mg/kg	500	5080112	JH	01-Aug-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			143 %	71.5-134		5080112	JH	01-Aug-25	8021B	
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Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	1920		10.0	mg/kg	1	5080101	MS	02-Aug-25	8015B	
DRO >C10-C28*	5600		10.0	mg/kg	1	5080101	MS	02-Aug-25	8015B	
EXT DRO >C28-C36	823		10.0	mg/kg	1	5080101	MS	02-Aug-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			170 %	44.4-145		5080101	MS	02-Aug-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			155 %	40.6-153		5080101	MS	02-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 12 6'
H254503-35 (Soil)

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

Chloride	4120		16.0	mg/kg	4	5080141	AC	01-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	6.58	1.00	mg/kg	1000	5080112	JH	01-Aug-25	8021B
Toluene*	142	1.00	mg/kg	1000	5080112	JH	01-Aug-25	8021B
Ethylbenzene*	40.3	1.00	mg/kg	1000	5080112	JH	01-Aug-25	8021B
Total Xylenes*	209	3.00	mg/kg	1000	5080112	JH	01-Aug-25	8021B
Total BTEX	398	6.00	mg/kg	1000	5080112	JH	01-Aug-25	8021B

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>	<i>128 %</i>	<i>71.5-134</i>	<i>5080112</i>	<i>JH</i>	<i>01-Aug-25</i>	<i>8021B</i>
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Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	3190	10.0	mg/kg	1	5080101	MS	02-Aug-25	8015B
DRO >C10-C28*	6430	10.0	mg/kg	1	5080101	MS	02-Aug-25	8015B
EXT DRO >C28-C36	946	10.0	mg/kg	1	5080101	MS	02-Aug-25	8015B

<i>Surrogate: 1-Chlorooctane</i>	<i>270 %</i>	<i>44.4-145</i>	<i>5080101</i>	<i>MS</i>	<i>02-Aug-25</i>	<i>8015B</i>
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<i>Surrogate: 1-Chlorooctadecane</i>	<i>162 %</i>	<i>40.6-153</i>	<i>5080101</i>	<i>MS</i>	<i>02-Aug-25</i>	<i>8015B</i>
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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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 12 7'
H254503-36 (Soil)

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

Chloride	5680		16.0	mg/kg	4	5080141	AC	01-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	13.8		2.00	mg/kg	2000	5080112	JH	03-Aug-25	8021B	
Toluene*	261		2.00	mg/kg	2000	5080112	JH	03-Aug-25	8021B	
Ethylbenzene*	67.8		2.00	mg/kg	2000	5080112	JH	03-Aug-25	8021B	
Total Xylenes*	348		6.00	mg/kg	2000	5080112	JH	03-Aug-25	8021B	
Total BTEX	691		12.0	mg/kg	2000	5080112	JH	03-Aug-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			124 %		71.5-134	5080112	JH	03-Aug-25	8021B	
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Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	4090		50.0	mg/kg	5	5080101	MS	04-Aug-25	8015B	
DRO >C10-C28*	9740		50.0	mg/kg	5	5080101	MS	04-Aug-25	8015B	
EXT DRO >C28-C36	1050		50.0	mg/kg	5	5080101	MS	04-Aug-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			647 %		44.4-145	5080101	MS	04-Aug-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			226 %		40.6-153	5080101	MS	04-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 12 8'
H254503-37 (Soil)

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

Chloride	4080		16.0	mg/kg	4	5080141	AC	01-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	8.34		2.00	mg/kg	2000	5080112	JH	01-Aug-25	8021B	
Toluene*	185		2.00	mg/kg	2000	5080112	JH	01-Aug-25	8021B	
Ethylbenzene*	53.3		2.00	mg/kg	2000	5080112	JH	01-Aug-25	8021B	
Total Xylenes*	277		6.00	mg/kg	2000	5080112	JH	01-Aug-25	8021B	
Total BTEX	524		12.0	mg/kg	2000	5080112	JH	01-Aug-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			125 %	71.5-134		5080112	JH	01-Aug-25	8021B	
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Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	5870		50.0	mg/kg	5	5080101	MS	04-Aug-25	8015B	
DRO >C10-C28*	11900		50.0	mg/kg	5	5080101	MS	04-Aug-25	8015B	
EXT DRO >C28-C36	1330		50.0	mg/kg	5	5080101	MS	04-Aug-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			818 %	44.4-145		5080101	MS	04-Aug-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			285 %	40.6-153		5080101	MS	04-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 12 9'
H254503-38 (Soil)

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

Chloride	1950		16.0	mg/kg	4	5080141	AC	01-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	1.40		0.500	mg/kg	500	5080112	JH	01-Aug-25	8021B	
Toluene*	54.0		0.500	mg/kg	500	5080112	JH	01-Aug-25	8021B	
Ethylbenzene*	22.4		0.500	mg/kg	500	5080112	JH	01-Aug-25	8021B	
Total Xylenes*	122		1.50	mg/kg	500	5080112	JH	01-Aug-25	8021B	
Total BTEX	199		3.00	mg/kg	500	5080112	JH	01-Aug-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			140 %		71.5-134	5080112	JH	01-Aug-25	8021B	
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Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	1730		10.0	mg/kg	1	5080101	MS	02-Aug-25	8015B	
DRO >C10-C28*	4360		10.0	mg/kg	1	5080101	MS	02-Aug-25	8015B	
EXT DRO >C28-C36	662		10.0	mg/kg	1	5080101	MS	02-Aug-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			183 %		44.4-145	5080101	MS	02-Aug-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			138 %		40.6-153	5080101	MS	02-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 12 10'
H254503-39 (Soil)

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

Chloride	1280		16.0	mg/kg	4	5080141	AC	01-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	0.214		0.200	mg/kg	200	5080114	JH	01-Aug-25	8021B	
Toluene*	14.8		0.200	mg/kg	200	5080114	JH	01-Aug-25	8021B	
Ethylbenzene*	6.22		0.200	mg/kg	200	5080114	JH	01-Aug-25	8021B	
Total Xylenes*	39.4		0.600	mg/kg	200	5080114	JH	01-Aug-25	8021B	
Total BTEX	60.6		1.20	mg/kg	200	5080114	JH	01-Aug-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 128 % 71.5-134 5080114 JH 01-Aug-25 8021B

Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	909		10.0	mg/kg	1	5080103	MS	01-Aug-25	8015B	
DRO >C10-C28*	2460		10.0	mg/kg	1	5080103	MS	01-Aug-25	8015B	
EXT DRO >C28-C36	364		10.0	mg/kg	1	5080103	MS	01-Aug-25	8015B	

Surrogate: 1-Chlorooctane 148 % 44.4-145 5080103 MS 01-Aug-25 8015B

Surrogate: 1-Chlorooctadecane 167 % 40.6-153 5080103 MS 01-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 13 0'
H254503-40 (Soil)

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

Chloride	1700		16.0	mg/kg	4	5072567	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072523	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %		71.5-134	5072523	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072518	MS	25-Jul-25	8015B	
DRO >C10-C28*	320		10.0	mg/kg	1	5072518	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	104		10.0	mg/kg	1	5072518	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane			96.0 %		44.4-145	5072518	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			105 %		40.6-153	5072518	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 13 1'
H254503-41 (Soil)

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

Chloride	2800		16.0	mg/kg	4	5072567	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		5072523	JH	25-Jul-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072518	MS	25-Jul-25	8015B	
DRO >C10-C28*	37.8		10.0	mg/kg	1	5072518	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	17.8		10.0	mg/kg	1	5072518	MS	25-Jul-25	8015B	
Surrogate: 1-Chlorooctane			106 %	44.4-145		5072518	MS	25-Jul-25	8015B	
Surrogate: 1-Chlorooctadecane			106 %	40.6-153		5072518	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 13 2'
H254503-42 (Soil)

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

Chloride	4560		16.0	mg/kg	4	5072567	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072523	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134 5072523 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072518	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072518	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072518	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 98.2 % 44.4-145 5072518 MS 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 102 % 40.6-153 5072518 MS 25-Jul-25 8015B

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 13 3'
H254503-43 (Soil)

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

Chloride	4800		16.0	mg/kg	4	5072567	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072523	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134 5072523 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072518	MS	25-Jul-25	8015B	
DRO >C10-C28*	240		10.0	mg/kg	1	5072518	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	63.3		10.0	mg/kg	1	5072518	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 114 % 44.4-145 5072518 MS 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 124 % 40.6-153 5072518 MS 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 13 4'
H254503-44 (Soil)

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

Chloride	7280		16.0	mg/kg	4	5072567	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			110 %	71.5-134		5072523	JH	25-Jul-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	
Surrogate: 1-Chlorooctane			108 %	44.4-145		5072518	MS	26-Jul-25	8015B	
Surrogate: 1-Chlorooctadecane			105 %	40.6-153		5072518	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 14 0'
H254503-45 (Soil)

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

Chloride	6240		16.0	mg/kg	4	5072567	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072523	JH	25-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		110 %		71.5-134		5072523	JH	25-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	
DRO >C10-C28*	1890		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	571		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane		104 %		44.4-145		5072518	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane		163 %		40.6-153		5072518	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 14 1'
H254503-46 (Soil)

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

Chloride	1550		16.0	mg/kg	4	5072567	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Toluene*	0.122		0.050	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Ethylbenzene*	0.485		0.050	mg/kg	50	5072523	JH	25-Jul-25	8021B	GC-NC1
Total Xylenes*	0.846		0.150	mg/kg	50	5072523	JH	25-Jul-25	8021B	
Total BTEX	1.45		0.300	mg/kg	50	5072523	JH	25-Jul-25	8021B	GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 174 % 71.5-134 5072523 JH 25-Jul-25 8021B

Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	328		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	
DRO >C10-C28*	4040		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	786		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 118 % 44.4-145 5072518 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 191 % 40.6-153 5072518 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 14 2'
H254503-47 (Soil)

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

Chloride	4560		16.0	mg/kg	4	5072567	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Ethylbenzene*	0.152		0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	GC-NC1
Total Xylenes*	0.211		0.150	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Total BTEX	0.363		0.300	mg/kg	50	5072523	JH	26-Jul-25	8021B	GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 140 % 71.5-134 5072523 JH 26-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	91.6		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	
DRO >C10-C28*	1430		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	326		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 104 % 44.4-145 5072518 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 123 % 40.6-153 5072518 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 15 0'
H254503-50 (Soil)

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

Chloride	2840		16.0	mg/kg	4	5072567	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072523	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	112 %	71.5-134	5072523	JH	26-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	
DRO >C10-C28*	37.2	10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	27.0	10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane	96.7 %	44.4-145	5072518	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane	98.9 %	40.6-153	5072518	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 15 1'
H254503-51 (Soil)

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

Chloride	3400		16.0	mg/kg	4	5072567	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072523	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134 5072523 JH 26-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 96.9 % 44.4-145 5072518 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 94.9 % 40.6-153 5072518 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 15 2'
H254503-52 (Soil)

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

Chloride	5280		16.0	mg/kg	4	5072567	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072523	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		5072523	JH	26-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			102 %	44.4-145		5072518	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			98.1 %	40.6-153		5072518	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 15 3'
H254503-53 (Soil)

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

Chloride	14800		16.0	mg/kg	4	5072567	KH	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072523	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	109 %	71.5-134	5072523	JH	26-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B

Surrogate: 1-Chlorooctane	101 %	44.4-145	5072518	MS	26-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	97.9 %	40.6-153	5072518	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 15 4'
H254503-54 (Soil)

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

Chloride	9920		16.0	mg/kg	4	5072570	AC	25-Jul-25	4500-Cl-B	QM-07
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072523	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134 5072523 JH 26-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 96.9 % 44.4-145 5072518 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 94.8 % 40.6-153 5072518 MS 26-Jul-25 8015B

Cardinal Laboratories

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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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 16 0'
H254503-55 (Soil)

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

Chloride	6080		16.0	mg/kg	4	5072570	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072523	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134 5072523 JH 26-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	
DRO >C10-C28*	493		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	143		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 97.6 % 44.4-145 5072518 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 115 % 40.6-153 5072518 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 16 1'
H254503-56 (Soil)

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

Chloride	2960		16.0	mg/kg	4	5072570	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072523	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134 5072523 JH 26-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 91.4 % 44.4-145 5072518 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 90.0 % 40.6-153 5072518 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 16 2'
H254503-57 (Soil)

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

Chloride	4680		16.0	mg/kg	4	5072570	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072523	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	109 %	71.5-134	5072523	JH	26-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B

Surrogate: 1-Chlorooctane	95.6 %	44.4-145	5072518	MS	26-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	93.1 %	40.6-153	5072518	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 16 3'
H254503-58 (Soil)

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

Chloride	10000		16.0	mg/kg	4	5072570	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072523	JH	26-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			110 %	71.5-134		5072523	JH	26-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			103 %	44.4-145		5072518	MS	26-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			101 %	40.6-153		5072518	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 16 4'
H254503-59 (Soil)

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

Chloride	10100		16.0	mg/kg	4	5072570	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072523	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	110 %	71.5-134	5072523	JH	26-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072518	MS	26-Jul-25	8015B

Surrogate: 1-Chlorooctane	96.3 %	44.4-145	5072518	MS	26-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	94.2 %	40.6-153	5072518	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 17 0'
H254503-60 (Soil)

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

Chloride	4080		16.0	mg/kg	4	5072570	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072523	JH	26-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			112 %		71.5-134	5072523	JH	26-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072520	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072520	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072520	MS	25-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			79.6 %		44.4-145	5072520	MS	25-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			82.6 %		40.6-153	5072520	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 17 1'
H254503-61 (Soil)

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

Chloride	1560		16.0	mg/kg	4	5072570	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072523	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072523	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134 5072523 JH 26-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072520	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072520	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072520	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 81.9 % 44.4-145 5072520 MS 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 85.3 % 40.6-153 5072520 MS 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 17 2'
H254503-62 (Soil)

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

Chloride	496		16.0	mg/kg	4	5072570	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072525	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	123 %	71.5-134	5072525	JH	26-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072520	MS	25-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072520	MS	25-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072520	MS	25-Jul-25	8015B

Surrogate: 1-Chlorooctane	83.2 %	44.4-145	5072520	MS	25-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	86.5 %	40.6-153	5072520	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 17 3'
H254503-63 (Soil)

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

Chloride	3440		16.0	mg/kg	4	5072570	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072525	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134 5072525 JH 26-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072520	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072520	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072520	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 86.0 % 44.4-145 5072520 MS 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 89.4 % 40.6-153 5072520 MS 25-Jul-25 8015B

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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 17 4'
H254503-64 (Soil)

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

Chloride	1840		16.0	mg/kg	4	5072570	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072525	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			122 %		71.5-134	5072525	JH	26-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072520	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072520	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072520	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane			87.2 %		44.4-145	5072520	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			90.1 %		40.6-153	5072520	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 18 0'
H254503-65 (Soil)

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

Chloride	192		16.0	mg/kg	4	5072570	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072525	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			119 %		71.5-134	5072525	JH	26-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072520	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072520	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072520	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane			80.9 %		44.4-145	5072520	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			83.1 %		40.6-153	5072520	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 18 1'
H254503-66 (Soil)

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

Chloride	32.0		16.0	mg/kg	4	5072570	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072525	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			120 %	71.5-134		5072525	JH	26-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072520	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072520	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072520	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane			84.3 %	44.4-145		5072520	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			86.3 %	40.6-153		5072520	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 18 2'
H254503-67 (Soil)

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

Chloride	16.0		16.0	mg/kg	4	5072570	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072525	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134 5072525 JH 26-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 85.1 % 44.4-145 5072520 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 86.8 % 40.6-153 5072520 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 19 0'
H254503-70 (Soil)

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

Chloride	2720		16.0	mg/kg	4	5072570	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072525	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			121 %		71.5-134	5072525	JH	26-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			82.7 %		44.4-145	5072520	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			85.6 %		40.6-153	5072520	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 19 1'
H254503-71 (Soil)

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

Chloride	4600		16.0	mg/kg	4	5072570	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072525	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	119 %	71.5-134	5072525	JH	26-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B

Surrogate: 1-Chlorooctane	81.3 %	44.4-145	5072520	MS	26-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	82.4 %	40.6-153	5072520	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 19 2'
H254503-72 (Soil)

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

Chloride	7200		16.0	mg/kg	4	5072570	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072525	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134 5072525 JH 26-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 79.1 % 44.4-145 5072520 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 82.3 % 40.6-153 5072520 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 19 3'
H254503-73 (Soil)

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

Chloride	5000		16.0	mg/kg	4	5072570	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072525	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			119 %		71.5-134	5072525	JH	26-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			81.6 %		44.4-145	5072520	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			83.0 %		40.6-153	5072520	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 19 4'
H254503-74 (Soil)

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

Chloride	9680		16.0	mg/kg	4	5072570	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072525	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134 5072525 JH 26-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 83.0 % 44.4-145 5072520 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 84.7 % 40.6-153 5072520 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 20 0'
H254503-75 (Soil)

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

Chloride	3320		16.0	mg/kg	4	5072570	AC	25-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072525	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %		71.5-134	5072525	JH	26-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	
DRO >C10-C28*	52.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			84.7 %		44.4-145	5072520	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			89.4 %		40.6-153	5072520	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 20 1'
H254503-76 (Soil)

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

Chloride	2680		16.0	mg/kg	4	5072808	KH	28-Jul-25	4500-Cl-B	QM-07
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072525	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134 5072525 JH 26-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 84.8 % 44.4-145 5072520 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 86.7 % 40.6-153 5072520 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 20 2'
H254503-77 (Soil)

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

Chloride	3400		16.0	mg/kg	4	5072808	KH	28-Jul-25	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072525	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134 5072525 JH 26-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 81.8 % 44.4-145 5072520 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 83.4 % 40.6-153 5072520 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 20 3'
H254503-78 (Soil)

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

Chloride	5280		16.0	mg/kg	4	5072808	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072525	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134 5072525 JH 26-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 85.1 % 44.4-145 5072520 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 88.2 % 40.6-153 5072520 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 20 4'
H254503-79 (Soil)

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

Chloride	6000		16.0	mg/kg	4	5072808	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072525	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134 5072525 JH 26-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	
DRO >C10-C28*	36.5		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 86.9 % 44.4-145 5072520 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 90.8 % 40.6-153 5072520 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 21 0'
H254503-80 (Soil)

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

Chloride	3040		16.0	mg/kg	4	5072808	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072525	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	109 %	71.5-134	5072525	JH	26-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B
DRO >C10-C28*	19.3	10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B

Surrogate: 1-Chlorooctane	84.1 %	44.4-145	5072520	MS	26-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	87.4 %	40.6-153	5072520	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 21 1'
H254503-81 (Soil)

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

Chloride	3000		16.0	mg/kg	4	5072808	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072525	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134 5072525 JH 26-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072520	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 84.2 % 44.4-145 5072520 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 87.3 % 40.6-153 5072520 MS 26-Jul-25 8015B

Cardinal Laboratories

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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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 21 2'
H254503-82 (Soil)

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

Chloride	3520		16.0	mg/kg	4	5072808	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072525	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134 5072525 JH 26-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 104 % 44.4-145 5072522 MS 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 107 % 40.6-153 5072522 MS 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 21 3'
H254503-83 (Soil)

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

Chloride	3320		16.0	mg/kg	4	5072808	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072525	JH	26-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072525	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	116 %	71.5-134	5072525	JH	26-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane	108 %	44.4-145	5072522	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane	111 %	40.6-153	5072522	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 21 4'
H254503-84 (Soil)

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

Chloride	14600		16.0	mg/kg	4	5072808	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072528	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134 5072528 JH 26-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	
DRO >C10-C28*	23.0		10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 107 % 44.4-145 5072522 MS 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 110 % 40.6-153 5072522 MS 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 39 0'
H254503-85 (Soil)

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

Chloride	4640		16.0	mg/kg	4	5072808	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Toluene*	0.873		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Ethylbenzene*	1.44		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	GC-NC1
Total Xylenes*	10.3		0.150	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Total BTEX	12.6		0.300	mg/kg	50	5072528	JH	26-Jul-25	8021B	GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 160 % 71.5-134 5072528 JH 26-Jul-25 8021B

Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	502		10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	
DRO >C10-C28*	2770		10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	349		10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 149 % 44.4-145 5072522 MS 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 163 % 40.6-153 5072522 MS 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 39 1'
H254503-86 (Soil)

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

Chloride	3080		16.0	mg/kg	4	5072808	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Ethylbenzene*	0.061		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	GC-NC1
Total Xylenes*	0.234		0.150	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072528	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		115 %		71.5-134		5072528	JH	26-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	
DRO >C10-C28*	61.2		10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane		102 %		44.4-145		5072522	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane		104 %		40.6-153		5072522	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 39 2'
H254503-87 (Soil)

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

Chloride	3160		16.0	mg/kg	4	5072808	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Toluene*	0.053		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Total Xylenes*	0.836		0.150	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Total BTEX	0.889		0.300	mg/kg	50	5072528	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %	71.5-134		5072528	JH	26-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	25.9		10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	
DRO >C10-C28*	145		10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane			107 %	44.4-145		5072522	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			110 %	40.6-153		5072522	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 39 3'
H254503-88 (Soil)

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

Chloride	4680		16.0	mg/kg	4	5072808	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072528	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	110 %	71.5-134	5072528	JH	26-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane	108 %	44.4-145	5072522	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane	112 %	40.6-153	5072522	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 39 4'
H254503-89 (Soil)

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

Chloride	6480		16.0	mg/kg	4	5072808	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072528	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		115 %		71.5-134		5072528	JH	26-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane		118 %		44.4-145		5072522	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane		121 %		40.6-153		5072522	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

V - 40 0'
H254503-90 (Soil)

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

Chloride	2880		16.0	mg/kg	4	5072808	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072528	JH	26-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			107 %	71.5-134		5072528	JH	26-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			104 %	44.4-145		5072522	MS	25-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			107 %	40.6-153		5072522	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

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 5072567 - 1:4 DI Water**Blank (5072567-BLK1)**

Prepared & Analyzed: 25-Jul-25

Chloride	ND	16.0	mg/kg
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LCS (5072567-BS1)

Prepared & Analyzed: 25-Jul-25

Chloride	400	16.0	mg/kg	400	100	80-120
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LCS Dup (5072567-BSD1)

Prepared & Analyzed: 25-Jul-25

Chloride	432	16.0	mg/kg	400	108	80-120	7.69	20
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Batch 5072569 - 1:4 DI Water**Blank (5072569-BLK1)**

Prepared & Analyzed: 25-Jul-25

Chloride	ND	16.0	mg/kg
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LCS (5072569-BS1)

Prepared & Analyzed: 25-Jul-25

Chloride	416	16.0	mg/kg	400	104	80-120
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LCS Dup (5072569-BSD1)

Prepared & Analyzed: 25-Jul-25

Chloride	432	16.0	mg/kg	400	108	80-120	3.77	20
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Batch 5072570 - 1:4 DI Water**Blank (5072570-BLK1)**

Prepared & Analyzed: 25-Jul-25

Chloride	ND	16.0	mg/kg
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LCS (5072570-BS1)

Prepared & Analyzed: 25-Jul-25

Chloride	432	16.0	mg/kg	400	108	80-120
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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

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 5072570 - 1:4 DI Water**LCS Dup (5072570-BSD1)**

Prepared & Analyzed: 25-Jul-25

Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
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Batch 5072808 - 1:4 DI Water**Blank (5072808-BLK1)**

Prepared & Analyzed: 28-Jul-25

Chloride	ND	16.0	mg/kg							
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LCS (5072808-BS1)

Prepared & Analyzed: 28-Jul-25

Chloride	416	16.0	mg/kg	400		104	80-120			
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LCS Dup (5072808-BSD1)

Prepared & Analyzed: 28-Jul-25

Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	
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Batch 5080141 - 1:4 DI Water**Blank (5080141-BLK1)**

Prepared & Analyzed: 01-Aug-25

Chloride	ND	16.0	mg/kg							
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LCS (5080141-BS1)

Prepared & Analyzed: 01-Aug-25

Chloride	416	16.0	mg/kg	400		104	80-120			
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LCS Dup (5080141-BSD1)

Prepared & Analyzed: 01-Aug-25

Chloride	400	16.0	mg/kg	400		100	80-120	3.92	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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

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 5072519 - Volatiles**Blank (5072519-BLK1)**

Prepared & Analyzed: 25-Jul-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)	0.0518		mg/kg	0.0500		104	71.5-134			

LCS (5072519-BS1)

Prepared & Analyzed: 25-Jul-25

Benzene	1.86	0.050	mg/kg	2.00		93.0	76.3-129			
Toluene	1.89	0.050	mg/kg	2.00		94.5	84.1-129			
Ethylbenzene	1.92	0.050	mg/kg	2.00		96.2	80.1-133			
m,p-Xylene	3.92	0.100	mg/kg	4.00		97.9	81.4-134			
o-Xylene	1.94	0.050	mg/kg	2.00		96.9	81.4-133			
Total Xylenes	5.85	0.150	mg/kg	6.00		97.6	81.5-134			
Surrogate: 4-Bromofluorobenzene (PID)	0.0498		mg/kg	0.0500		99.6	71.5-134			

LCS Dup (5072519-BSD1)

Prepared & Analyzed: 25-Jul-25

Benzene	1.95	0.050	mg/kg	2.00		97.7	76.3-129	5.01	15.8	
Toluene	1.95	0.050	mg/kg	2.00		97.3	84.1-129	2.92	15.9	
Ethylbenzene	2.01	0.050	mg/kg	2.00		101	80.1-133	4.46	16	
m,p-Xylene	4.07	0.100	mg/kg	4.00		102	81.4-134	3.93	16.2	
o-Xylene	2.00	0.050	mg/kg	2.00		100	81.4-133	3.41	16.7	
Total Xylenes	6.08	0.150	mg/kg	6.00		101	81.5-134	3.76	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0500		mg/kg	0.0500		100	71.5-134			

Batch 5072521 - Volatiles**Blank (5072521-BLK1)**

Prepared & Analyzed: 25-Jul-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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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

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 5072521 - Volatiles**Blank (5072521-BLK1)**

Prepared & Analyzed: 25-Jul-25

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		94.1	71.5-134			

LCS (5072521-BS1)

Prepared & Analyzed: 25-Jul-25

Benzene	1.80	0.050	mg/kg	2.00		90.1	76.3-129			
Toluene	1.92	0.050	mg/kg	2.00		95.8	84.1-129			
Ethylbenzene	1.94	0.050	mg/kg	2.00		96.8	80.1-133			
m,p-Xylene	3.78	0.100	mg/kg	4.00		94.6	81.4-134			
o-Xylene	1.90	0.050	mg/kg	2.00		95.0	81.4-133			
Total Xylenes	5.68	0.150	mg/kg	6.00		94.7	81.5-134			
Surrogate: 4-Bromofluorobenzene (PID)	0.0467		mg/kg	0.0500		93.3	71.5-134			

LCS Dup (5072521-BS1)

Prepared & Analyzed: 25-Jul-25

Benzene	1.64	0.050	mg/kg	2.00		81.8	76.3-129	9.67	15.8	
Toluene	1.75	0.050	mg/kg	2.00		87.4	84.1-129	9.13	15.9	
Ethylbenzene	1.76	0.050	mg/kg	2.00		87.9	80.1-133	9.67	16	
m,p-Xylene	3.43	0.100	mg/kg	4.00		85.6	81.4-134	9.96	16.2	
o-Xylene	1.72	0.050	mg/kg	2.00		86.1	81.4-133	9.85	16.7	
Total Xylenes	5.15	0.150	mg/kg	6.00		85.8	81.5-134	9.92	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0463		mg/kg	0.0500		92.5	71.5-134			

Batch 5072523 - Volatiles**Blank (5072523-BLK1)**

Prepared & Analyzed: 25-Jul-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)	0.0549		mg/kg	0.0500		110	71.5-134			

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 5072523 - Volatiles**LCS (5072523-BS1)**

Prepared & Analyzed: 25-Jul-25

Benzene	1.78	0.050	mg/kg	2.00		88.8	76.3-129		
Toluene	1.86	0.050	mg/kg	2.00		92.8	84.1-129		
Ethylbenzene	1.91	0.050	mg/kg	2.00		95.5	80.1-133		
m,p-Xylene	3.85	0.100	mg/kg	4.00		96.2	81.4-134		
o-Xylene	1.90	0.050	mg/kg	2.00		95.2	81.4-133		
Total Xylenes	5.75	0.150	mg/kg	6.00		95.9	81.5-134		

Surrogate: 4-Bromofluorobenzene (PID)

0.0487

mg/kg

0.0500

97.4

71.5-134

LCS Dup (5072523-BS1)

Prepared & Analyzed: 25-Jul-25

Benzene	1.64	0.050	mg/kg	2.00		81.8	76.3-129	8.20	15.8
Toluene	1.71	0.050	mg/kg	2.00		85.7	84.1-129	7.96	15.9
Ethylbenzene	1.77	0.050	mg/kg	2.00		88.5	80.1-133	7.65	16
m,p-Xylene	3.60	0.100	mg/kg	4.00		89.9	81.4-134	6.78	16.2
o-Xylene	1.76	0.050	mg/kg	2.00		88.0	81.4-133	7.86	16.7
Total Xylenes	5.36	0.150	mg/kg	6.00		89.3	81.5-134	7.14	16.3

Surrogate: 4-Bromofluorobenzene (PID)

0.0490

mg/kg

0.0500

98.0

71.5-134

Batch 5072525 - Volatiles**Blank (5072525-BLK1)**

Prepared: 25-Jul-25 Analyzed: 26-Jul-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)

0.0583

mg/kg

0.0500

117

71.5-134

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

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 5072525 - Volatiles**LCS (5072525-BS1)**

Prepared: 25-Jul-25 Analyzed: 26-Jul-25

Benzene	1.83	0.050	mg/kg	2.00		91.6	76.3-129			
Toluene	1.96	0.050	mg/kg	2.00		98.2	84.1-129			
Ethylbenzene	1.99	0.050	mg/kg	2.00		99.7	80.1-133			
m,p-Xylene	4.20	0.100	mg/kg	4.00		105	81.4-134			
o-Xylene	2.11	0.050	mg/kg	2.00		105	81.4-133			
Total Xylenes	6.31	0.150	mg/kg	6.00		105	81.5-134			

Surrogate: 4-Bromofluorobenzene (PID)

0.0533

mg/kg

0.0500

107

71.5-134

LCS Dup (5072525-BS1)

Prepared: 25-Jul-25 Analyzed: 26-Jul-25

Benzene	1.70	0.050	mg/kg	2.00		85.2	76.3-129	7.26	15.8	
Toluene	1.85	0.050	mg/kg	2.00		92.6	84.1-129	5.88	15.9	
Ethylbenzene	1.92	0.050	mg/kg	2.00		96.1	80.1-133	3.72	16	
m,p-Xylene	4.05	0.100	mg/kg	4.00		101	81.4-134	3.68	16.2	
o-Xylene	2.03	0.050	mg/kg	2.00		101	81.4-133	3.74	16.7	
Total Xylenes	6.08	0.150	mg/kg	6.00		101	81.5-134	3.70	16.3	

Surrogate: 4-Bromofluorobenzene (PID)

0.0547

mg/kg

0.0500

109

71.5-134

Batch 5072528 - Volatiles**Blank (5072528-BLK1)**

Prepared: 25-Jul-25 Analyzed: 26-Jul-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)

0.0543

mg/kg

0.0500

109

71.5-134

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

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 5072528 - Volatiles**LCS (5072528-BS1)**

Prepared: 25-Jul-25 Analyzed: 26-Jul-25

Benzene	1.94	0.050	mg/kg	2.00		96.9	76.3-129			
Toluene	2.05	0.050	mg/kg	2.00		103	84.1-129			
Ethylbenzene	2.07	0.050	mg/kg	2.00		103	80.1-133			
m,p-Xylene	4.32	0.100	mg/kg	4.00		108	81.4-134			
o-Xylene	2.18	0.050	mg/kg	2.00		109	81.4-133			
Total Xylenes	6.51	0.150	mg/kg	6.00		108	81.5-134			

Surrogate: 4-Bromofluorobenzene (PID)

0.0506

mg/kg

0.0500

101

71.5-134

LCS Dup (5072528-BSD1)

Prepared: 25-Jul-25 Analyzed: 26-Jul-25

Benzene	1.77	0.050	mg/kg	2.00		88.3	76.3-129	9.26	15.8	
Toluene	1.86	0.050	mg/kg	2.00		93.2	84.1-129	9.57	15.9	
Ethylbenzene	1.93	0.050	mg/kg	2.00		96.6	80.1-133	6.88	16	
m,p-Xylene	4.07	0.100	mg/kg	4.00		102	81.4-134	5.95	16.2	
o-Xylene	2.05	0.050	mg/kg	2.00		102	81.4-133	6.34	16.7	
Total Xylenes	6.12	0.150	mg/kg	6.00		102	81.5-134	6.08	16.3	

Surrogate: 4-Bromofluorobenzene (PID)

0.0518

mg/kg

0.0500

104

71.5-134

Batch 5080112 - Volatiles**Blank (5080112-BLK1)**

Prepared & Analyzed: 01-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)

0.0556

mg/kg

0.0500

111

71.5-134

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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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

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 5080112 - Volatiles**LCS (5080112-BS1)**

Prepared & Analyzed: 01-Aug-25

Benzene	1.76	0.050	mg/kg	2.00		87.9	76.3-129			
Toluene	1.86	0.050	mg/kg	2.00		92.8	84.1-129			
Ethylbenzene	1.90	0.050	mg/kg	2.00		94.8	80.1-133			
m,p-Xylene	3.85	0.100	mg/kg	4.00		96.3	81.4-134			
o-Xylene	1.88	0.050	mg/kg	2.00		94.2	81.4-133			
Total Xylenes	5.73	0.150	mg/kg	6.00		95.6	81.5-134			

Surrogate: 4-Bromofluorobenzene (PID)

0.0502

mg/kg

0.0500

100

71.5-134

LCS Dup (5080112-BS1)

Prepared & Analyzed: 01-Aug-25

Benzene	1.70	0.050	mg/kg	2.00		84.9	76.3-129	3.47	15.8	
Toluene	1.76	0.050	mg/kg	2.00		88.2	84.1-129	4.99	15.9	
Ethylbenzene	1.80	0.050	mg/kg	2.00		90.1	80.1-133	5.03	16	
m,p-Xylene	3.66	0.100	mg/kg	4.00		91.6	81.4-134	5.01	16.2	
o-Xylene	1.79	0.050	mg/kg	2.00		89.5	81.4-133	5.10	16.7	
Total Xylenes	5.45	0.150	mg/kg	6.00		90.9	81.5-134	5.04	16.3	

Surrogate: 4-Bromofluorobenzene (PID)

0.0491

mg/kg

0.0500

98.2

71.5-134

Batch 5080114 - Volatiles**Blank (5080114-BLK1)**

Prepared & Analyzed: 01-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)

0.0556

mg/kg

0.0500

111

71.5-134

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

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 5080114 - Volatiles**LCS (5080114-BS1)**

Prepared & Analyzed: 01-Aug-25

Benzene	1.82	0.050	mg/kg	2.00		90.8	76.3-129			
Toluene	1.94	0.050	mg/kg	2.00		97.0	84.1-129			
Ethylbenzene	1.97	0.050	mg/kg	2.00		98.4	80.1-133			
m,p-Xylene	4.02	0.100	mg/kg	4.00		101	81.4-134			
o-Xylene	2.00	0.050	mg/kg	2.00		99.8	81.4-133			
Total Xylenes	6.02	0.150	mg/kg	6.00		100	81.5-134			

Surrogate: 4-Bromofluorobenzene (PID)

0.0519

mg/kg

0.0500

104

71.5-134

LCS Dup (5080114-BSD1)

Prepared & Analyzed: 01-Aug-25

Benzene	1.74	0.050	mg/kg	2.00		86.8	76.3-129	4.55	15.8	
Toluene	1.85	0.050	mg/kg	2.00		92.4	84.1-129	4.85	15.9	
Ethylbenzene	1.88	0.050	mg/kg	2.00		94.2	80.1-133	4.42	16	
m,p-Xylene	3.88	0.100	mg/kg	4.00		97.0	81.4-134	3.70	16.2	
o-Xylene	1.94	0.050	mg/kg	2.00		96.8	81.4-133	2.99	16.7	
Total Xylenes	5.81	0.150	mg/kg	6.00		96.9	81.5-134	3.46	16.3	

Surrogate: 4-Bromofluorobenzene (PID)

0.0517

mg/kg

0.0500

103

71.5-134

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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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

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 5072516 - General Prep - Organics**Blank (5072516-BLK1)**

Prepared & Analyzed: 25-Jul-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	54.6		mg/kg	50.0		109	44.4-145			
Surrogate: 1-Chlorooctadecane	57.5		mg/kg	50.0		115	40.6-153			

LCS (5072516-BS1)

Prepared & Analyzed: 25-Jul-25

GRO C6-C10	225	10.0	mg/kg	200		112	81.5-123			
DRO >C10-C28	227	10.0	mg/kg	200		113	77.7-122			
Total TPH C6-C28	452	10.0	mg/kg	400		113	80.9-121			
Surrogate: 1-Chlorooctane	59.2		mg/kg	50.0		118	44.4-145			
Surrogate: 1-Chlorooctadecane	62.6		mg/kg	50.0		125	40.6-153			

LCS Dup (5072516-BS1)

Prepared & Analyzed: 25-Jul-25

GRO C6-C10	214	10.0	mg/kg	200		107	81.5-123	4.82	13	
DRO >C10-C28	217	10.0	mg/kg	200		109	77.7-122	4.28	15.6	
Total TPH C6-C28	432	10.0	mg/kg	400		108	80.9-121	4.55	18.5	
Surrogate: 1-Chlorooctane	58.8		mg/kg	50.0		118	44.4-145			
Surrogate: 1-Chlorooctadecane	60.9		mg/kg	50.0		122	40.6-153			

Batch 5072517 - General Prep - Organics**Blank (5072517-BLK1)**

Prepared & Analyzed: 25-Jul-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	49.9		mg/kg	50.0		99.7	44.4-145			
Surrogate: 1-Chlorooctadecane	54.0		mg/kg	50.0		108	40.6-153			

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

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 5072517 - General Prep - Organics**LCS (5072517-BS1)**

Prepared & Analyzed: 25-Jul-25

GRO C6-C10	208	10.0	mg/kg	200		104	81.5-123			
DRO >C10-C28	199	10.0	mg/kg	200		99.5	77.7-122			
Total TPH C6-C28	407	10.0	mg/kg	400		102	80.9-121			
Surrogate: 1-Chlorooctane	52.4		mg/kg	50.0		105	44.4-145			
Surrogate: 1-Chlorooctadecane	55.3		mg/kg	50.0		111	40.6-153			

LCS Dup (5072517-BS1)

Prepared & Analyzed: 25-Jul-25

GRO C6-C10	201	10.0	mg/kg	200		101	81.5-123	3.13	13	
DRO >C10-C28	203	10.0	mg/kg	200		102	77.7-122	2.08	15.6	
Total TPH C6-C28	405	10.0	mg/kg	400		101	80.9-121	0.545	18.5	
Surrogate: 1-Chlorooctane	53.3		mg/kg	50.0		107	44.4-145			
Surrogate: 1-Chlorooctadecane	57.7		mg/kg	50.0		115	40.6-153			

Batch 5072518 - General Prep - Organics**Blank (5072518-BLK1)**

Prepared & Analyzed: 25-Jul-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	52.9		mg/kg	50.0		106	44.4-145			
Surrogate: 1-Chlorooctadecane	54.1		mg/kg	50.0		108	40.6-153			

LCS (5072518-BS1)

Prepared & Analyzed: 25-Jul-25

GRO C6-C10	206	10.0	mg/kg	200		103	81.5-123			
DRO >C10-C28	196	10.0	mg/kg	200		98.2	77.7-122			
Total TPH C6-C28	403	10.0	mg/kg	400		101	80.9-121			
Surrogate: 1-Chlorooctane	56.3		mg/kg	50.0		113	44.4-145			
Surrogate: 1-Chlorooctadecane	56.9		mg/kg	50.0		114	40.6-153			

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

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 5072518 - General Prep - Organics**LCS Dup (5072518-BSD1)**

Prepared & Analyzed: 25-Jul-25

GRO C6-C10	205	10.0	mg/kg	200		103	81.5-123	0.503	13	
DRO >C10-C28	193	10.0	mg/kg	200		96.4	77.7-122	1.86	15.6	
Total TPH C6-C28	398	10.0	mg/kg	400		99.5	80.9-121	1.16	18.5	
Surrogate: 1-Chlorooctane	56.8		mg/kg	50.0		114	44.4-145			
Surrogate: 1-Chlorooctadecane	57.1		mg/kg	50.0		114	40.6-153			

Batch 5072520 - General Prep - Organics**Blank (5072520-BLK1)**

Prepared & Analyzed: 25-Jul-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	48.9		mg/kg	50.0		97.8	44.4-145			
Surrogate: 1-Chlorooctadecane	54.1		mg/kg	50.0		108	40.6-153			

LCS (5072520-BS1)

Prepared & Analyzed: 25-Jul-25

GRO C6-C10	200	10.0	mg/kg	200		99.8	81.5-123			
DRO >C10-C28	223	10.0	mg/kg	200		112	77.7-122			
Total TPH C6-C28	423	10.0	mg/kg	400		106	80.9-121			
Surrogate: 1-Chlorooctane	52.2		mg/kg	50.0		104	44.4-145			
Surrogate: 1-Chlorooctadecane	56.9		mg/kg	50.0		114	40.6-153			

LCS Dup (5072520-BSD1)

Prepared & Analyzed: 25-Jul-25

GRO C6-C10	194	10.0	mg/kg	200		96.8	81.5-123	3.14	13	
DRO >C10-C28	212	10.0	mg/kg	200		106	77.7-122	5.19	15.6	
Total TPH C6-C28	406	10.0	mg/kg	400		101	80.9-121	4.22	18.5	
Surrogate: 1-Chlorooctane	52.6		mg/kg	50.0		105	44.4-145			
Surrogate: 1-Chlorooctadecane	56.9		mg/kg	50.0		114	40.6-153			

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

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 5072522 - General Prep - Organics**Blank (5072522-BLK1)**

Prepared & Analyzed: 25-Jul-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	51.2		mg/kg	50.0		102	44.4-145			
Surrogate: 1-Chlorooctadecane	54.3		mg/kg	50.0		109	40.6-153			

LCS (5072522-BS1)

Prepared & Analyzed: 25-Jul-25

GRO C6-C10	206	10.0	mg/kg	200		103	81.5-123			
DRO >C10-C28	201	10.0	mg/kg	200		100	77.7-122			
Total TPH C6-C28	407	10.0	mg/kg	400		102	80.9-121			
Surrogate: 1-Chlorooctane	54.3		mg/kg	50.0		109	44.4-145			
Surrogate: 1-Chlorooctadecane	55.5		mg/kg	50.0		111	40.6-153			

LCS Dup (5072522-BS1)

Prepared & Analyzed: 25-Jul-25

GRO C6-C10	205	10.0	mg/kg	200		103	81.5-123	0.619	13	
DRO >C10-C28	201	10.0	mg/kg	200		101	77.7-122	0.468	15.6	
Total TPH C6-C28	406	10.0	mg/kg	400		102	80.9-121	0.0816	18.5	
Surrogate: 1-Chlorooctane	55.9		mg/kg	50.0		112	44.4-145			
Surrogate: 1-Chlorooctadecane	58.5		mg/kg	50.0		117	40.6-153			

Batch 5080101 - General Prep - Organics**Blank (5080101-BLK1)**

Prepared & Analyzed: 01-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	45.6		mg/kg	50.0		91.1	44.4-145			
Surrogate: 1-Chlorooctadecane	44.5		mg/kg	50.0		89.0	40.6-153			

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

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 5080101 - General Prep - Organics**LCS (5080101-BS1)**

Prepared & Analyzed: 01-Aug-25

GRO C6-C10	182	10.0	mg/kg	200		91.2	81.5-123			
DRO >C10-C28	181	10.0	mg/kg	200		90.7	77.7-122			
Total TPH C6-C28	364	10.0	mg/kg	400		91.0	80.9-121			
Surrogate: 1-Chlorooctane	49.0		mg/kg	50.0		98.0	44.4-145			
Surrogate: 1-Chlorooctadecane	48.8		mg/kg	50.0		97.6	40.6-153			

LCS Dup (5080101-BSD1)

Prepared & Analyzed: 01-Aug-25

GRO C6-C10	186	10.0	mg/kg	200		92.8	81.5-123	1.71	13	
DRO >C10-C28	184	10.0	mg/kg	200		91.9	77.7-122	1.28	15.6	
Total TPH C6-C28	369	10.0	mg/kg	400		92.3	80.9-121	1.49	18.5	
Surrogate: 1-Chlorooctane	50.7		mg/kg	50.0		101	44.4-145			
Surrogate: 1-Chlorooctadecane	50.3		mg/kg	50.0		101	40.6-153			

Batch 5080103 - General Prep - Organics**Blank (5080103-BLK1)**

Prepared & Analyzed: 01-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	51.7		mg/kg	50.0		103	44.4-145			
Surrogate: 1-Chlorooctadecane	51.9		mg/kg	50.0		104	40.6-153			

LCS (5080103-BS1)

Prepared & Analyzed: 01-Aug-25

GRO C6-C10	206	10.0	mg/kg	200		103	81.5-123			
DRO >C10-C28	204	10.0	mg/kg	200		102	77.7-122			
Total TPH C6-C28	410	10.0	mg/kg	400		103	80.9-121			
Surrogate: 1-Chlorooctane	54.5		mg/kg	50.0		109	44.4-145			
Surrogate: 1-Chlorooctadecane	54.8		mg/kg	50.0		110	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
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
06-Aug-25 14:04

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

Batch 5080103 - General Prep - Organics**LCS Dup (5080103-BSD1)**

Prepared & Analyzed: 01-Aug-25

GRO C6-C10	215	10.0	mg/kg	200		107	81.5-123	3.88	13	
DRO >C10-C28	211	10.0	mg/kg	200		105	77.7-122	3.30	15.6	
Total TPH C6-C28	425	10.0	mg/kg	400		106	80.9-121	3.59	18.5	
Surrogate: 1-Chlorooctane	56.0		mg/kg	50.0		112	44.4-145			
Surrogate: 1-Chlorooctadecane	57.2		mg/kg	50.0		114	40.6-153			

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Standard Safety and Supply

Project Manager: Ethan Sessums

Address:

City: Carlsbad

State: MM Zip: 88220

Phone #: 254-266-5456 Fax #: 254-266-5456

Project #:	Project Owner: Oxy
------------	--------------------

Project Name: Mesa Verde WPF

Project Location: Lea Co, New Mexico

Sampler Name: Kenny Han, Carson Carter

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

Hasu3

2 V-55

5

V-55 41

11

00 95-1

15

V-56 7

50

V-36	2
V-56	1

56

V-9

22
PLEASE NOTE: 11/1/17

cardinal's liability and clients' ex-

service. In no event shall

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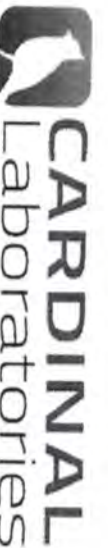
Sample size

er:	Correct
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FDKWI-000

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Page 103 of 110

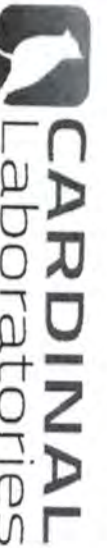


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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Standard Safety and Supply		P.O. #:		BILL TO												ANALYSIS REQUEST																					
Project Manager: Ethan Sessums		Company: Oxy																																			
Address:		Attn: Daniel Sparks																																			
City: (Cardinal)		Address:																																			
Phone #: 254-266-5456		City:																																			
Fax #: 254-266-5456		State:																																			
Project #:		Zip:																																			
Project Name: Mesa Verde WPF		City:																																			
Project Location: Lea Co, New Mexico		State:																																			
Sampler Name: Kenny Han, Carson Carter		Phone #:																																			
FOR LAB USE ONLY		Fax #:																																			
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		BTEX		TPH		Chloride		HOLD	
B1		V-9		2'		1		X		X		X		X		X		X		X		X		X		7/12											
B2		V-9		3'		1		X		X		X		X		X		X		X		X		X		7/12											
B3		V-9		4'		1		X		X		X		X		X		X		X		X		X		7/12											
B4		V-11		0'		1		X		X		X		X		X		X		X		X		X		7/12											
B5		V-11		1'		1		X		X		X		X		X		X		X		X		X		7/12											
B6		V-11		2'		1		X		X		X		X		X		X		X		X		X		7/12											
B7		V-11		3'		1		X		X		X		X		X		X		X		X		X		7/12											
B8		V-11		4'		1		X		X		X		X		X		X		X		X		X		7/12											
B9		V-12		0'		1		X		X		X		X		X		X		X		X		X		7/12											
B10		V-12		1'		1		X		X		X		X		X		X		X		X		X		7/12											
<p>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 reasons or otherwise.</p>																																					
Relinquished By:		Date: 7/24/05		Received By:		Date: 7/22/05		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:																											
Relinquished By:		Time: 1:30		Received By:		Time: 1:30		All Results are emailed. Please provide Email address:																													
Delivered By: (Circle One)		Observed Temp.: 10°C		Sample Condition		CHECKED BY: (Initials)		Turnaround Time: 7/24/05		Standard																											
Sampler - UPS - Bus - Other:		Corrected Temp.: 13°C		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Bacteria (only) Sample Condition		Thermometer ID #137110		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No																											
								Corrosion Factor -0.3°C/2.2		Corrected Temp.: 10°C																											
Please wait for PO# before running the samples																																					
Ethel Sessums@standardss.com, Kenny Han@standardss.com																																					

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Standard Safety and Supply		BILL TO		ANALYSIS REQUEST																																	
Project Manager: Ethan Sessums		P.O. #:																																			
Address:		Company: Oxy																																			
City: <u>Carlsbad</u>		Attn: Daniel Sparks																																			
Phone #: <u>254-266-5456</u>		Address:																																			
Fax #: <u>575-393-2476</u>		City:																																			
Project #: <u>0xy</u>		State:																																			
Project Name: Mesa Verde WPF		Zip:																																			
Project Location: Lea Co, New Mexico		Phone #:																																			
Fax #:																																					
Sampler Name: Kenny Han, Carson Carter																																					
FOR LAB USE ONLY																																					
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		BTEX		TPH		Chloride		HOLD	
U1		V-13		1'		1		X		X		X		X		X		X		X		X		X		7/22											
U2		V-13		2'		1		X		X		X		X		X		X		X		X		X													
U3		V-13		3'		1		X		X		X		X		X		X		X		X		X													
U4		V-13		4'		1		X		X		X		X		X		X		X		X		X													
U5		V-14		0'		1		X		X		X		X		X		X		X		X		X													
U6		V-14		1'		1		X		X		X		X		X		X		X		X		X													
U7		V-14		2'		1		X		X		X		X		X		X		X		X		X													
U8		V-14		3'		1		X		X		X		X		X		X		X		X		X													
U9		V-14		4'		1		X		X		X		X		X		X		X		X		X													
U10		V-14		0'		1		X		X		X		X		X		X		X		X		X													
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Relinquished By:		Date:		Received By:		Date:		Time:		Time:		Time:		Time:		Time:		Time:		Time:		Time:		Time:		Time:		Time:		Time:		Time:		Time:			
Delivered By: (Circle One)		Observed Temp. °C		Cool Intact		Sample Condition		CHECKED BY: (Initials)		Turnaround Time:		Standard		Bacteria (only)		Sample Condition		Observed Temp. °C		Corrected Temp. °C		Corrected Temp. °C		Corrected Temp. °C		Corrected Temp. °C		Corrected Temp. °C		Corrected Temp. °C		Corrected Temp. °C					
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Cool Intact		Sample Condition		CHECKED BY: (Initials)		Turnaround Time:		Standard		Bacteria (only)		Sample Condition		Observed Temp. °C		Corrected Temp. °C		Corrected Temp. °C		Corrected Temp. °C		Corrected Temp. °C		Corrected Temp. °C		Corrected Temp. °C		Corrected Temp. °C					
UPPERMID R 3.2 10/10/21		Corrected Temp. °C		Cool Intact		Sample Condition		CHECKED BY: (Initials)		Turnaround Time:		Standard		Bacteria (only)		Sample Condition		Observed Temp. °C		Corrected Temp. °C		Corrected Temp. °C		Corrected Temp. °C		Corrected Temp. °C		Corrected Temp. °C		Corrected Temp. °C		Corrected Temp. °C					
† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com		Corrected Temp. °C		Cool Intact		Sample Condition		CHECKED BY: (Initials)		Turnaround Time:		Standard		Bacteria (only)		Sample Condition		Observed Temp. °C		Corrected Temp. °C		Corrected Temp. °C		Corrected Temp. °C		Corrected Temp. °C		Corrected Temp. °C		Corrected Temp. °C		Corrected Temp. °C					



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Laboratories

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Standard Safety and Supply					
Project Manager: Ethan Sessums					
Address:					
City: Carlsbad State: NM Zip: 88220					
Phone #: 761-266-5456 Fax #:					
Project #:					
Project Owner: Oxy					
Project Name: Mesa Verde WPF					
Project Location: Lea Co. New Mexico					
Sampler Name: Kenny Han, Carson Carter					
FOR LAB USE ONLY					
Lab I.D.					
Sample I.D.					
H2453	V-15	1'	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX
S1	V-15	2'	X	GROUNDWATER	SOIL
S2	V-15	3'	X	WASTEWATER	OIL
S3	V-15	4'	X		SLUDGE
S4	V-15	5'	X		OTHER :
S5	V-16	0'	X	ACID/BASE:	ICE / COOL
S6	V-16	1'	X	OTHER :	
S7	V-16	2'	X		DATE
S8	V-16	3'	X		TIME
S9	V-16	4'	X		
L2	V-17	0'	X		
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Relinquished By:					
Date:	Received By:				
Time:					
Date:	Received By:				
Time:					
Delivered By: (Circle One)					
Observed Temp.: °C	Corrected Temp.: °C	Sample Condition	CHECKED BY:	Turnaround Time:	Bacteria (only)
-1.0°	-1.3°	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	(Initials) HJ	RUSH #13	Standard <input type="checkbox"/>
Thermometer ID #13	Correction Factor -0.5°C +0.2°	Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No			Sample Condition Observed Temp.: °C
REMARKS: Please wait for PO# before running the samples					
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:					
All Results are emailed. Please provide Email address:					
Ethan.Sessums@standardss.com, Kenny.Han@standardss.com					



101 East Marland, Hobbs, NM 88240
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Standard Safety and Supply		P.O. #:		BILL TO											
Project Manager: Ethan Sessums		Company: Oxy		ANALYSIS REQUEST											
Address:		Attn: Daniel Sparks													
City: <u>Carlsbad</u>		Address:													
Phone #: <u>254-266-5456</u>		City:													
Fax #: <u>575-393-2476</u>		State:													
Project #: <u>0xy</u>		Zip:													
Project Name: Mesa Verde WPF		Phone #:													
Project Location: Lea Co. New Mexico		Fax #:													
Sampler Name: Kenny Han, Carson Carter															

FOR LAB USE ONLY		MATRIX		PRESERV		SAMPLING									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	ANALYSIS
<u>1054503</u>	<u>V-19</u>	<u>1</u>	<u>1</u>			<u>X</u>							<u>7/22</u>		<u>BTEX</u>
<u>72</u>	<u>V-19</u>	<u>2</u>	<u>1</u>										<u>7/22</u>		<u>TPH</u>
<u>73</u>	<u>V-19</u>	<u>3</u>	<u>1</u>										<u>7/23</u>		<u>Chloride</u>
<u>74</u>	<u>V-19</u>	<u>4</u>	<u>1</u>												
<u>75</u>	<u>V-20</u>	<u>0</u>	<u>1</u>												
<u>76</u>	<u>V-20</u>	<u>1</u>	<u>1</u>												
<u>77</u>	<u>V-20</u>	<u>2</u>	<u>1</u>												
<u>78</u>	<u>V-20</u>	<u>3</u>	<u>1</u>												
<u>79</u>	<u>V-20</u>	<u>4</u>	<u>1</u>												
<u>80</u>	<u>V-21</u>	<u>0</u>	<u>1</u>												<u>HOLD</u>

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Relinquished By:	Date: <u>7/24</u>	Received By:	Date: <u>7/24</u>
Relinquished By:	Date: <u>7/24</u>	Received By:	Date: <u>7/24</u>

Delivered By: (Circle One)	Observed Temp.: <u>11.6°C</u>	Sample Condition	CHECKED BY: (Initials)	Turnaround Time: <u>7/24/25</u>	Standard	Bacteria (only)	Sample Condition
Sampler - UPS - Bus - Other:	Corrected Temp.: <u>11.3°C</u>	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<u>AD</u>	Thermometer ID # <u>734435</u>	<u>RUSH</u>	Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	Observed Temp.: <u>11.6°C</u>
				Correction Factor: <u>-0.2°C</u>			Corrected Temp.: <u>11.4°C</u>

REMARKS: Please wait for PO# before running the samples

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

All Results are emailed. Please provide Email address:

Ethan.Sessums@standardss.com, Kenny.Han@standardss.com

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Standard Safety and Supply		P.O. #:		BILL TO																								
Project Manager: Ethan Sessums		Company: Oxy		ANALYSIS REQUEST																								
Address:		Attn: Daniel Sparks																										
City: Carlsbad		Address:																										
State: NM Zip: 88220		City:																										
Phone #: 254-266-5456 Fax #:		State: Zip:																										
Project #:		Project Owner: Oxy																										
Project Name: Mesa Verde WPF		Phone #:																										
Project Location: Lea Co, New Mexico		Fax #:																										
Sampler Name: Kenny Han, Carson Carter																												
FOR LAB USE ONLY																												
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX			PRESERV.	SAMPLING																				
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME														
HA54503													7/23		BTEX	TPH	Chloride											
81	V-21	1	1															HOLD										
82	V-21	2	1																									
83	V-21	3	1																									
84	V-21	4	1																									
85	V-34	0	1																									
86	V-34	1	1																									
87	V-34	2	1																									
88	V-34	3	1																									
89	V-34	4	1																									
90	V-40	0	1																									
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Relinquished By:		Date: 7/24/25		Received By:		Date: 7/24/25		Time: 1510		Time: 1510		Time: 1510		Time: 1510		Time: 1510		Time: 1510										
Relinquished By:		Date:		Received By:		Date:		Time:		Time:		Time:		Time:		Time:		Time:										
Delivered By: (Circle One)		Observed Temp.: -1.0°C		Sample Condition		CHECKED BY: (Initials)		Turnaround Time: 7-24-25		Standard		Bacteria (only)		Sample Condition		Observed Temp.: °C		Corrected Temp.: °C										
Sampler - UPS - Bus - Other:		Corrected Temp.: 21.3°C		Cool Intact		Yes		Thermometer ID #13		Rush		Cool Intact		Yes		Corrected Temp.: °C												
† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com																												

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

August 08, 2025

ETHAN SESSUMS

STANDARD SAFETY & SUPPLY

PO BOX 14987

ODESSA, TX 79764

RE: MESA VERDE WPF

Enclosed are the results of analyses for samples received by the laboratory on 07/24/25 15:10.

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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
V - 40 1'	H254504-01	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 40 2'	H254504-02	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 40 3'	H254504-03	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 40 4'	H254504-04	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 41 0'	H254504-05	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 41 1'	H254504-06	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 41 2'	H254504-07	Soil	23-Jul-25 00:00	24-Jul-25 15:10
V - 42 0'	H254504-10	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 42 1'	H254504-11	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 42 2'	H254504-12	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 42 3'	H254504-13	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 42 4'	H254504-14	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 43 0'	H254504-15	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 43 1'	H254504-16	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 43 2'	H254504-17	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 43 3'	H254504-18	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 43 4'	H254504-19	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 44 0'	H254504-20	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 44 1'	H254504-21	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 44 2'	H254504-22	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 44 3'	H254504-23	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 44 4'	H254504-24	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 45 0'	H254504-25	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 45 1'	H254504-26	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 45 2'	H254504-27	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 45 3'	H254504-28	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 45 4'	H254504-29	Soil	22-Jul-25 00:00	24-Jul-25 15:10

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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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 46 0'	H254504-30	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 46 1'	H254504-31	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 46 2'	H254504-32	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 46 3'	H254504-33	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 46 4'	H254504-34	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 47 0'	H254504-35	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 47 1'	H254504-36	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 47 2'	H254504-37	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 47 3'	H254504-38	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 47 4'	H254504-39	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 48 0'	H254504-40	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 48 1'	H254504-41	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 48 2'	H254504-42	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 48 3'	H254504-43	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 48 4'	H254504-44	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 49 0'	H254504-45	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 49 1'	H254504-46	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 49 2'	H254504-47	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 49 3'	H254504-48	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 49 4'	H254504-49	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 50 0'	H254504-50	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 50 1'	H254504-51	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 50 2'	H254504-52	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 50 3'	H254504-53	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 50 4'	H254504-54	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 51 0'	H254504-55	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 51 1'	H254504-56	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 51 2'	H254504-57	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 51 3'	H254504-58	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 51 4'	H254504-59	Soil	22-Jul-25 00:00	24-Jul-25 15:10

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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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 52 0'	H254504-60	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 52 1'	H254504-61	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 52 2'	H254504-62	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 52 3'	H254504-63	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 52 4'	H254504-64	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 6 0'	H254504-65	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 6 1'	H254504-66	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 6 2'	H254504-67	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 6 3'	H254504-68	Soil	22-Jul-25 00:00	24-Jul-25 15:10
V - 6 4'	H254504-69	Soil	22-Jul-25 00:00	24-Jul-25 15:10
H - 1 0-6"	H254504-70	Soil	22-Jul-25 00:00	24-Jul-25 15:10
H - 2 0-6"	H254504-71	Soil	22-Jul-25 00:00	24-Jul-25 15:10
H - 3 0-6"	H254504-72	Soil	22-Jul-25 00:00	24-Jul-25 15:10
H - 4 0-6"	H254504-73	Soil	22-Jul-25 00:00	24-Jul-25 15:10
H - 5 0-6"	H254504-74	Soil	22-Jul-25 00:00	24-Jul-25 15:10
H - 6 0-6"	H254504-75	Soil	22-Jul-25 00:00	24-Jul-25 15:10
H - 7 0-6"	H254504-76	Soil	22-Jul-25 00:00	24-Jul-25 15:10
H - 8 0-6"	H254504-77	Soil	22-Jul-25 00:00	24-Jul-25 15:10
H - 9 0-6"	H254504-78	Soil	22-Jul-25 00:00	24-Jul-25 15:10
H - 10 0-6"	H254504-79	Soil	22-Jul-25 00:00	24-Jul-25 15:10
H - 11 0-6"	H254504-80	Soil	22-Jul-25 00:00	24-Jul-25 15:10
H - 12 0-6"	H254504-81	Soil	22-Jul-25 00:00	24-Jul-25 15:10
H - 13 0-6"	H254504-82	Soil	22-Jul-25 00:00	24-Jul-25 15:10
H - 14 0-6"	H254504-83	Soil	22-Jul-25 00:00	24-Jul-25 15:10
H - 15 0-6"	H254504-84	Soil	22-Jul-25 00:00	24-Jul-25 15:10
H - 16 0-6"	H254504-85	Soil	22-Jul-25 00:00	24-Jul-25 15:10
H - 17 0-6"	H254504-86	Soil	22-Jul-25 00:00	24-Jul-25 15:10
H - 18 0-6"	H254504-87	Soil	22-Jul-25 00:00	24-Jul-25 15:10
H - 19 0-6"	H254504-88	Soil	22-Jul-25 00:00	24-Jul-25 15:10
H - 20 0-6"	H254504-89	Soil	22-Jul-25 00:00	24-Jul-25 15:10

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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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

H - 21 0-6"	H254504-90	Soil	22-Jul-25 00:00	24-Jul-25 15:10
H - 22 0-6"	H254504-91	Soil	22-Jul-25 00:00	24-Jul-25 15:10
H - 23 0-6"	H254504-92	Soil	22-Jul-25 00:00	24-Jul-25 15:10
H - 24 0-6"	H254504-93	Soil	22-Jul-25 00:00	24-Jul-25 15:10
H - 25 0-6"	H254504-94	Soil	22-Jul-25 00:00	24-Jul-25 15:10
H - 26 0-6"	H254504-95	Soil	22-Jul-25 00:00	24-Jul-25 15:10
H - 27 0-6"	H254504-96	Soil	22-Jul-25 00:00	24-Jul-25 15:10

08/08/25 - Client added analysis to sample -69 (see COC). This is the revised report and will replace the one sent on 07/30/25.

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 40 1'
H254504-01 (Soil)

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

Chloride	3200		16.0	mg/kg	4	5072809	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072528	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		115 %		71.5-134	5072528	JH	26-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane		109 %		44.4-145	5072522	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane		111 %		40.6-153	5072522	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 40 2'
H254504-02 (Soil)

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

Chloride	6160		16.0	mg/kg	4	5072809	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Toluene*	0.097		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072528	JH	26-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			108 %	71.5-134		5072528	JH	26-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072522	MS	25-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			97.6 %	44.4-145		5072522	MS	25-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			103 %	40.6-153		5072522	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 40 3'
H254504-03 (Soil)

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

Chloride	6080		16.0	mg/kg	4	5072809	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072528	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	107 %	71.5-134	5072528	JH	26-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072522	MS	26-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072522	MS	26-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072522	MS	26-Jul-25	8015B

Surrogate: 1-Chlorooctane	99.5 %	44.4-145	5072522	MS	26-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	102 %	40.6-153	5072522	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 40 4'
H254504-04 (Soil)

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

Chloride	3600		16.0	mg/kg	4	5072809	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072528	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	105 %	71.5-134	5072528	JH	26-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072522	MS	26-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072522	MS	26-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072522	MS	26-Jul-25	8015B

Surrogate: 1-Chlorooctane	100 %	44.4-145	5072522	MS	26-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	102 %	40.6-153	5072522	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 41 0'
H254504-05 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	5072848	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072528	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134 5072528 JH 26-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072522	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072522	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072522	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 103 % 44.4-145 5072522 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 104 % 40.6-153 5072522 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 41 1'
H254504-06 (Soil)

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

Chloride	80.0		16.0	mg/kg	4	5072848	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072528	JH	26-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	112 %	71.5-134	5072528	JH	26-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072522	MS	26-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072522	MS	26-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072522	MS	26-Jul-25	8015B

Surrogate: 1-Chlorooctane	104 %	44.4-145	5072522	MS	26-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	105 %	40.6-153	5072522	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 41 2'
H254504-07 (Soil)

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

Chloride	16.0		16.0	mg/kg	4	5072848	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072528	JH	26-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			111 %	71.5-134		5072528	JH	26-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072522	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072522	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072522	MS	26-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			98.3 %	44.4-145		5072522	MS	26-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			98.9 %	40.6-153		5072522	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 42 0'
H254504-10 (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	5072848	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072528	JH	26-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072528	JH	26-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			108 %	71.5-134		5072528	JH	26-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072522	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072522	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072522	MS	26-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			92.1 %	44.4-145		5072522	MS	26-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			93.3 %	40.6-153		5072522	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 42 1'
H254504-11 (Soil)

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

Chloride	3560		16.0	mg/kg	4	5072848	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072829	JH	29-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072829	JH	29-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072829	JH	29-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072829	JH	29-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072829	JH	29-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>		95.3 %		71.5-134	5072829	JH	29-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072522	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072522	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072522	MS	26-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>		99.3 %		44.4-145	5072522	MS	26-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>		102 %		40.6-153	5072522	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 42 2'
H254504-12 (Soil)

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

Chloride	5280		16.0	mg/kg	4	5072848	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072829	JH	29-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072829	JH	29-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072829	JH	29-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072829	JH	29-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072829	JH	29-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>		96.2 %		71.5-134	5072829	JH	29-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072522	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072522	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072522	MS	26-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>		108 %		44.4-145	5072522	MS	26-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>		108 %		40.6-153	5072522	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 42 3'
H254504-13 (Soil)

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

Chloride	4160		16.0	mg/kg	4	5072848	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072829	JH	29-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072829	JH	29-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072829	JH	29-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072829	JH	29-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072829	JH	29-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			94.6 %		71.5-134	5072829	JH	29-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072522	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072522	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072522	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			105 %		44.4-145	5072522	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			106 %		40.6-153	5072522	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 42 4'
H254504-14 (Soil)

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

Chloride	16200		16.0	mg/kg	4	5072848	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072829	JH	29-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072829	JH	29-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072829	JH	29-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072829	JH	29-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072829	JH	29-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>		95.6 %		71.5-134	5072829	JH	29-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072524	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072524	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072524	MS	25-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>		120 %		44.4-145	5072524	MS	25-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>		126 %		40.6-153	5072524	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 43 0'
H254504-15 (Soil)

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

Chloride	3320		16.0	mg/kg	4	5072848	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072829	JH	29-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072829	JH	29-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072829	JH	29-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072829	JH	29-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072829	JH	29-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	94.4 %	71.5-134	5072829	JH	29-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072524	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072524	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072524	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane	119 %	44.4-145	5072524	MS	25-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane	125 %	40.6-153	5072524	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 43 1'
H254504-16 (Soil)

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

Chloride	3560		16.0	mg/kg	4	5072848	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072529	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %	71.5-134		5072529	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			121 %	44.4-145		5072524	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			127 %	40.6-153		5072524	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 43 2'
H254504-17 (Soil)

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

Chloride	5360		16.0	mg/kg	4	5072848	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072529	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	101 %	71.5-134	5072529	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane	124 %	44.4-145	5072524	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane	130 %	40.6-153	5072524	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 43 3'
H254504-18 (Soil)

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

Chloride	11800		16.0	mg/kg	4	5072848	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072529	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	104 %	71.5-134	5072529	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane	123 %	44.4-145	5072524	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane	127 %	40.6-153	5072524	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 43 4'
H254504-19 (Soil)

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

Chloride	4880		16.0	mg/kg	4	5072848	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072529	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134 5072529 JH 28-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 129 % 44.4-145 5072524 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 134 % 40.6-153 5072524 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 44 0'
H254504-20 (Soil)

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

Chloride	2040		16.0	mg/kg	4	5072848	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072529	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	104 %	71.5-134	5072529	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane	122 %	44.4-145	5072524	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane	126 %	40.6-153	5072524	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 44 1'
H254504-21 (Soil)

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

Chloride	2480		16.0	mg/kg	4	5072848	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072529	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	103 %	71.5-134	5072529	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane	126 %	44.4-145	5072524	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane	131 %	40.6-153	5072524	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 44 2'
H254504-22 (Soil)

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

Chloride	2880		16.0	mg/kg	4	5072848	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072529	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134 5072529 JH 28-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 133 % 44.4-145 5072524 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 138 % 40.6-153 5072524 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 44 3'
H254504-23 (Soil)

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

Chloride	4800		16.0	mg/kg	4	5072848	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072529	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	101 %	71.5-134	5072529	JH	28-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B

Surrogate: 1-Chlorooctane	130 %	44.4-145	5072524	MS	26-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	136 %	40.6-153	5072524	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 44 4'
H254504-24 (Soil)

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

Chloride	5440		16.0	mg/kg	4	5072848	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072529	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	103 %	71.5-134	5072529	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane	117 %	44.4-145	5072524	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane	123 %	40.6-153	5072524	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 45 0'
H254504-25 (Soil)

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

Chloride	3240		16.0	mg/kg	4	5072848	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072529	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134 5072529 JH 28-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 117 % 44.4-145 5072524 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 122 % 40.6-153 5072524 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 45 1'
H254504-26 (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	5072848	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072529	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	102 %	71.5-134	5072529	JH	28-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B

Surrogate: 1-Chlorooctane	115 %	44.4-145	5072524	MS	26-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	122 %	40.6-153	5072524	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 45 2'
H254504-27 (Soil)

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

Chloride	2480		16.0	mg/kg	4	5072810	AC	28-Jul-25	4500-Cl-B	QM-07
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072529	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134 5072529 JH 28-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 122 % 44.4-145 5072524 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 128 % 40.6-153 5072524 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 45 3'
H254504-28 (Soil)

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

Chloride	4640		16.0	mg/kg	4	5072810	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072529	JH	28-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			103 %	71.5-134		5072529	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			126 %	44.4-145		5072524	MS	26-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			132 %	40.6-153		5072524	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 45 4'
H254504-29 (Soil)

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

Chloride	6080		16.0	mg/kg	4	5072810	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072529	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %		71.5-134	5072529	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			119 %		44.4-145	5072524	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			124 %		40.6-153	5072524	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 46 0'
H254504-30 (Soil)

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

Chloride	1330		16.0	mg/kg	4	5072810	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072529	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134 5072529 JH 28-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 121 % 44.4-145 5072524 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 127 % 40.6-153 5072524 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 46 1'
H254504-31 (Soil)

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

Chloride	2440		16.0	mg/kg	4	5072810	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072529	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134 5072529 JH 28-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 123 % 44.4-145 5072524 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 129 % 40.6-153 5072524 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 46 2'
H254504-32 (Soil)

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

Chloride	2720		16.0	mg/kg	4	5072810	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072529	JH	28-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %	71.5-134		5072529	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			123 %	44.4-145		5072524	MS	26-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			129 %	40.6-153		5072524	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 46 3'
H254504-33 (Soil)

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

Chloride	2800		16.0	mg/kg	4	5072810	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072529	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	102 %	71.5-134	5072529	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072524	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane	121 %	44.4-145	5072524	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane	128 %	40.6-153	5072524	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 46 4'
H254504-34 (Soil)

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

Chloride	2760		16.0	mg/kg	4	5072810	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072529	JH	28-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	71.5-134		5072529	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			79.1 %	44.4-145		5072526	MS	25-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			76.1 %	40.6-153		5072526	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 47' 0'
H254504-35 (Soil)

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

Chloride	9120		16.0	mg/kg	4	5072810	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072529	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072529	JH	28-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			104 %	71.5-134		5072529	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			81.5 %	44.4-145		5072526	MS	25-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			78.4 %	40.6-153		5072526	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 47 1'
H254504-36 (Soil)

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

Chloride	3400		16.0	mg/kg	4	5072810	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072530	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	94.3 %	71.5-134	5072530	JH	28-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B

Surrogate: 1-Chlorooctane	79.6 %	44.4-145	5072526	MS	25-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	77.2 %	40.6-153	5072526	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 47' 2'
H254504-37 (Soil)

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

Chloride	6640		16.0	mg/kg	4	5072810	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072530	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134 5072530 JH 28-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 80.2 % 44.4-145 5072526 MS 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 79.0 % 40.6-153 5072526 MS 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 47 3'
H254504-38 (Soil)

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

Chloride	8800		16.0	mg/kg	4	5072810	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072530	JH	28-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.8 %		71.5-134	5072530	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			79.7 %		44.4-145	5072526	MS	25-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			77.8 %		40.6-153	5072526	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 47' 4'
H254504-39 (Soil)

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

Chloride	10100		16.0	mg/kg	4	5072810	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072530	JH	28-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.5 %		71.5-134	5072530	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			81.9 %		44.4-145	5072526	MS	25-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			80.0 %		40.6-153	5072526	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 48 0'
H254504-40 (Soil)

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

Chloride	7440		16.0	mg/kg	4	5072810	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072530	JH	28-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			93.5 %		71.5-134	5072530	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			80.7 %		44.4-145	5072526	MS	25-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			77.8 %		40.6-153	5072526	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 48 1'
H254504-41 (Soil)

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

Chloride	3800		16.0	mg/kg	4	5072810	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072530	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	94.2 %	71.5-134	5072530	JH	28-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B

Surrogate: 1-Chlorooctane	83.3 %	44.4-145	5072526	MS	25-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	81.1 %	40.6-153	5072526	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 48 2'
H254504-42 (Soil)

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

Chloride	4200		16.0	mg/kg	4	5072810	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072530	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	94.2 %	71.5-134	5072530	JH	28-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B

Surrogate: 1-Chlorooctane	77.8 %	44.4-145	5072526	MS	25-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	75.8 %	40.6-153	5072526	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 48 3'
H254504-43 (Soil)

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

Chloride	9840		16.0	mg/kg	4	5072810	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B
Toluene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	5072530	JH	28-Jul-25	8021B
Total BTEX	<0.300	0.300	mg/kg	50	5072530	JH	28-Jul-25	8021B

Surrogate: 4-Bromofluorobenzene (PID)	94.7 %	71.5-134	5072530	JH	28-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B

Surrogate: 1-Chlorooctane	84.2 %	44.4-145	5072526	MS	25-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	81.7 %	40.6-153	5072526	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 48 4'
H254504-44 (Soil)

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

Chloride	8400		16.0	mg/kg	4	5072810	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072530	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	94.3 %	71.5-134	5072530	JH	28-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B

Surrogate: 1-Chlorooctane	76.9 %	44.4-145	5072526	MS	25-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	75.2 %	40.6-153	5072526	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 49 0'
H254504-45 (Soil)

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

Chloride	2080		16.0	mg/kg	4	5072810	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072530	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	93.7 %	71.5-134	5072530	JH	28-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B

Surrogate: 1-Chlorooctane	81.9 %	44.4-145	5072526	MS	25-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	80.2 %	40.6-153	5072526	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 49 1'
H254504-46 (Soil)

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

Chloride	3200		16.0	mg/kg	4	5072810	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072530	JH	28-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.3 %		71.5-134	5072530	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			80.8 %		44.4-145	5072526	MS	25-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			79.0 %		40.6-153	5072526	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 49 2'
H254504-47 (Soil)

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

Chloride	3480		16.0	mg/kg	4	5072845	KH	28-Jul-25	4500-Cl-B	QM-07
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072530	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134 5072530 JH 28-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B	

Surrogate: 1-Chlorooctane 80.1 % 44.4-145 5072526 MS 25-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 78.1 % 40.6-153 5072526 MS 25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 49 3'
H254504-48 (Soil)

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

Chloride	6320		16.0	mg/kg	4	5072845	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072530	JH	28-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.4 %		71.5-134	5072530	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			77.6 %		44.4-145	5072526	MS	25-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			75.6 %		40.6-153	5072526	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 49 4'
H254504-49 (Soil)

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

Chloride	12200		16.0	mg/kg	4	5072845	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072530	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	94.3 %	71.5-134	5072530	JH	28-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072526	MS	25-Jul-25	8015B

Surrogate: 1-Chlorooctane	79.5 %	44.4-145	5072526	MS	25-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	78.1 %	40.6-153	5072526	MS	25-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 50 0'
H254504-50 (Soil)

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

Chloride	2960		16.0	mg/kg	4	5072845	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072530	JH	28-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.0 %		71.5-134	5072530	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072526	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072526	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072526	MS	26-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			85.2 %		44.4-145	5072526	MS	26-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			83.1 %		40.6-153	5072526	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 50 1'
H254504-51 (Soil)

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

Chloride	2520		16.0	mg/kg	4	5072845	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072530	JH	28-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.0 %		71.5-134	5072530	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072526	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072526	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072526	MS	26-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			81.5 %		44.4-145	5072526	MS	26-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			79.2 %		40.6-153	5072526	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 50 2'
H254504-52 (Soil)

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

Chloride	2720		16.0	mg/kg	4	5072845	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072530	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	95.5 %	71.5-134	5072530	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072526	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072526	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072526	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane	80.7 %	44.4-145	5072526	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane	78.5 %	40.6-153	5072526	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 50 3'
H254504-53 (Soil)

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

Chloride	352		16.0	mg/kg	4	5072845	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072530	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	95.9 %	71.5-134	5072530	JH	28-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072526	MS	26-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072526	MS	26-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072526	MS	26-Jul-25	8015B

Surrogate: 1-Chlorooctane	82.5 %	44.4-145	5072526	MS	26-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	80.1 %	40.6-153	5072526	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 50 4'
H254504-54 (Soil)

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

Chloride	3480		16.0	mg/kg	4	5072845	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072530	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	95.3 %	71.5-134	5072530	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane	94.5 %	44.4-145	5072527	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane	89.7 %	40.6-153	5072527	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 51 0'
H254504-55 (Soil)

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

Chloride	3720		16.0	mg/kg	4	5072845	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072530	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072530	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			95.0 %		71.5-134	5072530	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			107 %		44.4-145	5072527	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			102 %		40.6-153	5072527	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 51 1'
H254504-56 (Soil)

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

Chloride	3160		16.0	mg/kg	4	5072845	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072531	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	112 %	71.5-134	5072531	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane	97.6 %	44.4-145	5072527	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane	92.9 %	40.6-153	5072527	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 51 2'
H254504-57 (Soil)

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

Chloride	3400		16.0	mg/kg	4	5072845	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072531	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134 5072531 JH 28-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 93.7 % 44.4-145 5072527 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 89.5 % 40.6-153 5072527 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 51 3'
H254504-58 (Soil)

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

Chloride	7520		16.0	mg/kg	4	5072845	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072531	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %	71.5-134		5072531	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			99.1 %	44.4-145		5072527	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			93.7 %	40.6-153		5072527	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 51 4'
H254504-59 (Soil)

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

Chloride	8240		16.0	mg/kg	4	5072845	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072531	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %	71.5-134		5072531	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			73.8 %	44.4-145		5072527	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			69.7 %	40.6-153		5072527	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 52 0'
H254504-60 (Soil)

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

Chloride	2560		16.0	mg/kg	4	5072845	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072531	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			108 %		71.5-134	5072531	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			77.7 %		44.4-145	5072527	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			72.3 %		40.6-153	5072527	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 52 1'
H254504-61 (Soil)

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

Chloride	3360		16.0	mg/kg	4	5072845	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072531	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			113 %		71.5-134	5072531	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			102 %		44.4-145	5072527	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			95.8 %		40.6-153	5072527	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 52 2'
H254504-62 (Soil)

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

Chloride	3640		16.0	mg/kg	4	5072845	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5072531	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	113 %	71.5-134	5072531	JH	28-Jul-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B

Surrogate: 1-Chlorooctane	100 %	44.4-145	5072527	MS	26-Jul-25	8015B
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Surrogate: 1-Chlorooctadecane	94.2 %	40.6-153	5072527	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 52 3'
H254504-63 (Soil)

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

Chloride	5920		16.0	mg/kg	4	5072845	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072531	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134 5072531 JH 28-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 95.0 % 44.4-145 5072527 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 88.6 % 40.6-153 5072527 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 52 4'
H254504-64 (Soil)

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

Chloride	8800		16.0	mg/kg	4	5072845	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072531	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134 5072531 JH 28-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 88.8 % 44.4-145 5072527 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 85.8 % 40.6-153 5072527 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 6 0'**H254504-65 (Soil)**

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

Chloride	2930		16.0	mg/kg	4	5072845	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072531	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134 5072531 JH 28-Jul-25 8021B

Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
DRO >C10-C28*	3510		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	855		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 101 % 44.4-145 5072527 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 251 % 40.6-153 5072527 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 6 1'**H254504-66 (Soil)**

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

Chloride	1060		16.0	mg/kg	4	5072845	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072531	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134 5072531 JH 28-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 92.9 % 44.4-145 5072527 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 91.9 % 40.6-153 5072527 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 6 2'**H254504-67 (Soil)**

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

Chloride	2600		16.0	mg/kg	4	5072811	AC	28-Jul-25	4500-Cl-B	QM-07
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072531	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134 5072531 JH 28-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
DRO >C10-C28*	38.6		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 93.2 % 44.4-145 5072527 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 91.9 % 40.6-153 5072527 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 6 3'
H254504-68 (Soil)

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

Chloride	1920		16.0	mg/kg	4	5072811	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072531	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134 5072531 JH 28-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 93.6 % 44.4-145 5072527 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 92.2 % 40.6-153 5072527 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

V - 6 4'
H254504-69 (Soil)

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

Chloride	128		16.0	mg/kg	4	5080141	AC	01-Aug-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	0.063		0.050	mg/kg	50	5080114	JH	01-Aug-25	8021B	
Toluene*	0.261		0.050	mg/kg	50	5080114	JH	01-Aug-25	8021B	
Ethylbenzene*	0.063		0.050	mg/kg	50	5080114	JH	01-Aug-25	8021B	
Total Xylenes*	0.208		0.150	mg/kg	50	5080114	JH	01-Aug-25	8021B	
Total BTEX	0.595		0.300	mg/kg	50	5080114	JH	01-Aug-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			117 %	71.5-134		5080114	JH	01-Aug-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5080103	MS	01-Aug-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5080103	MS	01-Aug-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5080103	MS	01-Aug-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			112 %	44.4-145		5080103	MS	01-Aug-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			113 %	40.6-153		5080103	MS	01-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

H - 1 0-6"
H254504-70 (Soil)

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

Chloride	32.0		16.0	mg/kg	4	5072811	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072531	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134 5072531 JH 28-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 96.4 % 44.4-145 5072527 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 93.1 % 40.6-153 5072527 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

H - 2 0-6"
H254504-71 (Soil)

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

Chloride	16.0		16.0	mg/kg	4	5072811	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072531	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134 5072531 JH 28-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 94.6 % 44.4-145 5072527 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 91.4 % 40.6-153 5072527 MS 26-Jul-25 8015B

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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

H - 3 0-6"
H254504-72 (Soil)

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

Chloride	16.0		16.0	mg/kg	4	5072811	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072531	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %		71.5-134	5072531	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			96.2 %		44.4-145	5072527	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			92.6 %		40.6-153	5072527	MS	26-Jul-25	8015B	
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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
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

H - 4 0-6"
H254504-73 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	5072811	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072531	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			113 %	71.5-134		5072531	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			96.9 %	44.4-145		5072527	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			92.5 %	40.6-153		5072527	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

H - 5 0-6"
H254504-74 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	5072811	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072531	JH	29-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072531	JH	29-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072531	JH	29-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072531	JH	29-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072531	JH	29-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %	71.5-134		5072531	JH	29-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072527	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			92.8 %	44.4-145		5072527	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			89.7 %	40.6-153		5072527	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

H - 6 0-6"
H254504-75 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	5072811	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072531	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		5072531	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			93.8 %	44.4-145		5072532	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			96.2 %	40.6-153		5072532	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

H - 7 0-6"
H254504-76 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	5072811	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072531	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072531	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %	71.5-134		5072531	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			105 %	44.4-145		5072532	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			108 %	40.6-153		5072532	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

H - 8 0-6"
H254504-77 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	5072811	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072533	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			116 %	71.5-134		5072533	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			101 %	44.4-145		5072532	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			103 %	40.6-153		5072532	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

H - 9 0-6"
H254504-78 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	5072811	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072533	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134 5072533 JH 28-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 104 % 44.4-145 5072532 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 105 % 40.6-153 5072532 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

H - 10 0-6"
H254504-79 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	5072811	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072533	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			114 %	71.5-134		5072533	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			105 %	44.4-145		5072532	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			108 %	40.6-153		5072532	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

H - 11 0-6"
H254504-80 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	5072811	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072533	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			114 %	71.5-134		5072533	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			102 %	44.4-145		5072532	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			104 %	40.6-153		5072532	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

H - 12 0-6"
H254504-81 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	5072811	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072533	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			113 %	71.5-134		5072533	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			99.8 %	44.4-145		5072532	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			103 %	40.6-153		5072532	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

H - 13 0-6"
H254504-82 (Soil)

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

Chloride	16.0		16.0	mg/kg	4	5072811	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072533	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134 5072533 JH 28-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 105 % 44.4-145 5072532 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 108 % 40.6-153 5072532 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

H - 14 0-6"
H254504-83 (Soil)

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

Chloride	16.0		16.0	mg/kg	4	5072811	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072533	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			118 %	71.5-134		5072533	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			90.3 %	44.4-145		5072532	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			91.2 %	40.6-153		5072532	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

H - 15 0-6"
H254504-84 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	5072811	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072533	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134 5072533 JH 28-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 104 % 44.4-145 5072532 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 105 % 40.6-153 5072532 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

H - 16 0-6"
H254504-85 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	5072811	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072533	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			114 %		71.5-134	5072533	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			97.2 %		44.4-145	5072532	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			100 %		40.6-153	5072532	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

H - 17 0-6"
H254504-86 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	5072811	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072533	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			115 %	71.5-134		5072533	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			99.1 %	44.4-145		5072532	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			101 %	40.6-153		5072532	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

H - 18 0-6"
H254504-87 (Soil)

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

Chloride	16.0		16.0	mg/kg	4	5072811	AC	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			114 %	71.5-134		5072533	JH	28-Jul-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
Surrogate: 1-Chlorooctane			94.0 %	44.4-145		5072532	MS	26-Jul-25	8015B	
Surrogate: 1-Chlorooctadecane			96.1 %	40.6-153		5072532	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

H - 19 0-6"
H254504-88 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	5072566	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072533	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			117 %		71.5-134	5072533	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			87.5 %		44.4-145	5072532	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			89.2 %		40.6-153	5072532	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

H - 20 0-6"
H254504-89 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	5072566	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072533	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			117 %	71.5-134		5072533	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			96.1 %	44.4-145		5072532	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			98.0 %	40.6-153		5072532	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

H - 21 0-6"
H254504-90 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	5072566	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072533	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			113 %	71.5-134		5072533	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			94.3 %	44.4-145		5072532	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			94.9 %	40.6-153		5072532	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

H - 22 0-6"
H254504-91 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	5072566	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072533	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			115 %	71.5-134		5072533	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			95.4 %	44.4-145		5072532	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			97.0 %	40.6-153		5072532	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

H - 23 0-6"
H254504-92 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	5072566	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072533	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			116 %	71.5-134		5072533	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			92.7 %	44.4-145		5072532	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			93.7 %	40.6-153		5072532	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

H - 24 0-6"
H254504-93 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	5072566	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072533	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134 5072533 JH 28-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane 105 % 44.4-145 5072532 MS 26-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 107 % 40.6-153 5072532 MS 26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

H - 25 0-6"
H254504-94 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	5072566	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072533	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			118 %		71.5-134	5072533	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072532	MS	26-Jul-25	8015B	

Surrogate: 1-Chlorooctane			97.6 %		44.4-145	5072532	MS	26-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			97.7 %		40.6-153	5072532	MS	26-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

H - 26 0-6"
H254504-95 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	5072566	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072533	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			116 %	71.5-134		5072533	JH	28-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072546	MS	28-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072546	MS	28-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072546	MS	28-Jul-25	8015B	

Surrogate: 1-Chlorooctane			94.4 %	44.4-145		5072546	MS	28-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			93.3 %	40.6-153		5072546	MS	28-Jul-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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

H - 27 0-6"
H254504-96 (Soil)

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

Chloride	32.0		16.0	mg/kg	4	5072566	KH	28-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5072533	JH	28-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5072533	JH	28-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134 5072533 JH 28-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5072546	MS	28-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5072546	MS	28-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5072546	MS	28-Jul-25	8015B	

Surrogate: 1-Chlorooctane 114 % 44.4-145 5072546 MS 28-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 111 % 40.6-153 5072546 MS 28-Jul-25 8015B

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

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 5072566 - 1:4 DI Water**Blank (5072566-BLK1)**

Prepared & Analyzed: 25-Jul-25

Chloride	ND	16.0	mg/kg
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LCS (5072566-BS1)

Prepared & Analyzed: 25-Jul-25

Chloride	416	16.0	mg/kg	400	104	80-120
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LCS Dup (5072566-BSD1)

Prepared & Analyzed: 25-Jul-25

Chloride	432	16.0	mg/kg	400	108	80-120	3.77	20
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Batch 5072809 - 1:4 DI Water**Blank (5072809-BLK1)**

Prepared & Analyzed: 28-Jul-25

Chloride	ND	16.0	mg/kg
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LCS (5072809-BS1)

Prepared & Analyzed: 28-Jul-25

Chloride	416	16.0	mg/kg	400	104	80-120
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LCS Dup (5072809-BSD1)

Prepared & Analyzed: 28-Jul-25

Chloride	432	16.0	mg/kg	400	108	80-120	3.77	20
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Batch 5072810 - 1:4 DI Water**Blank (5072810-BLK1)**

Prepared & Analyzed: 28-Jul-25

Chloride	ND	16.0	mg/kg
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LCS (5072810-BS1)

Prepared & Analyzed: 28-Jul-25

Chloride	416	16.0	mg/kg	400	104	80-120
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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

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 5072810 - 1:4 DI Water**LCS Dup (5072810-BSD1)**

Prepared & Analyzed: 28-Jul-25

Chloride	432	16.0	mg/kg	400	108	80-120	3.77	20
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Batch 5072811 - 1:4 DI Water**Blank (5072811-BLK1)**

Prepared & Analyzed: 28-Jul-25

Chloride	ND	16.0	mg/kg
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LCS (5072811-BS1)

Prepared & Analyzed: 28-Jul-25

Chloride	416	16.0	mg/kg	400	104	80-120
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LCS Dup (5072811-BSD1)

Prepared & Analyzed: 28-Jul-25

Chloride	432	16.0	mg/kg	400	108	80-120	3.77	20
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Batch 5072845 - 1:4 DI Water**Blank (5072845-BLK1)**

Prepared & Analyzed: 28-Jul-25

Chloride	ND	16.0	mg/kg
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LCS (5072845-BS1)

Prepared & Analyzed: 28-Jul-25

Chloride	432	16.0	mg/kg	400	108	80-120
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LCS Dup (5072845-BSD1)

Prepared & Analyzed: 28-Jul-25

Chloride	432	16.0	mg/kg	400	108	80-120	0.00	20
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Batch 5072848 - 1:4 DI Water**Blank (5072848-BLK1)**

Prepared & Analyzed: 28-Jul-25

Chloride	ND	16.0	mg/kg
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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

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 5072848 - 1:4 DI Water**LCS (5072848-BS1)**

Prepared & Analyzed: 28-Jul-25

Chloride	416	16.0	mg/kg	400		104	80-120			
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LCS Dup (5072848-BSD1)

Prepared & Analyzed: 28-Jul-25

Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	
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Batch 5080141 - 1:4 DI Water**Blank (5080141-BLK1)**

Prepared & Analyzed: 01-Aug-25

Chloride	ND	16.0	mg/kg							
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LCS (5080141-BS1)

Prepared & Analyzed: 01-Aug-25

Chloride	416	16.0	mg/kg	400		104	80-120			
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LCS Dup (5080141-BSD1)

Prepared & Analyzed: 01-Aug-25

Chloride	400	16.0	mg/kg	400		100	80-120	3.92	20	
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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

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 5072528 - Volatiles**Blank (5072528-BLK1)**

Prepared: 25-Jul-25 Analyzed: 26-Jul-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)	0.0543		mg/kg	0.0500		109	71.5-134			

LCS (5072528-BS1)

Prepared: 25-Jul-25 Analyzed: 26-Jul-25

Benzene	1.94	0.050	mg/kg	2.00		96.9	76.3-129			
Toluene	2.05	0.050	mg/kg	2.00		103	84.1-129			
Ethylbenzene	2.07	0.050	mg/kg	2.00		103	80.1-133			
m,p-Xylene	4.32	0.100	mg/kg	4.00		108	81.4-134			
o-Xylene	2.18	0.050	mg/kg	2.00		109	81.4-133			
Total Xylenes	6.51	0.150	mg/kg	6.00		108	81.5-134			
Surrogate: 4-Bromofluorobenzene (PID)	0.0506		mg/kg	0.0500		101	71.5-134			

LCS Dup (5072528-BS1)

Prepared: 25-Jul-25 Analyzed: 26-Jul-25

Benzene	1.77	0.050	mg/kg	2.00		88.3	76.3-129	9.26	15.8	
Toluene	1.86	0.050	mg/kg	2.00		93.2	84.1-129	9.57	15.9	
Ethylbenzene	1.93	0.050	mg/kg	2.00		96.6	80.1-133	6.88	16	
m,p-Xylene	4.07	0.100	mg/kg	4.00		102	81.4-134	5.95	16.2	
o-Xylene	2.05	0.050	mg/kg	2.00		102	81.4-133	6.34	16.7	
Total Xylenes	6.12	0.150	mg/kg	6.00		102	81.5-134	6.08	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0518		mg/kg	0.0500		104	71.5-134			

Batch 5072529 - Volatiles**Blank (5072529-BLK1)**

Prepared: 25-Jul-25 Analyzed: 28-Jul-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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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

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 5072529 - Volatiles**Blank (5072529-BLK1)**

Prepared: 25-Jul-25 Analyzed: 28-Jul-25

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0513		mg/kg	0.0500		103	71.5-134			

LCS (5072529-BS1)

Prepared: 25-Jul-25 Analyzed: 28-Jul-25

Benzene	1.91	0.050	mg/kg	2.00		95.5	76.3-129			
Toluene	1.97	0.050	mg/kg	2.00		98.4	84.1-129			
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	80.1-133			
m,p-Xylene	4.12	0.100	mg/kg	4.00		103	81.4-134			
o-Xylene	2.03	0.050	mg/kg	2.00		101	81.4-133			
Total Xylenes	6.15	0.150	mg/kg	6.00		102	81.5-134			
Surrogate: 4-Bromofluorobenzene (PID)	0.0491		mg/kg	0.0500		98.2	71.5-134			

LCS Dup (5072529-BS1)

Prepared: 25-Jul-25 Analyzed: 28-Jul-25

Benzene	1.77	0.050	mg/kg	2.00		88.7	76.3-129	7.34	15.8	
Toluene	1.80	0.050	mg/kg	2.00		90.2	84.1-129	8.68	15.9	
Ethylbenzene	1.82	0.050	mg/kg	2.00		90.8	80.1-133	10.6	16	
m,p-Xylene	3.71	0.100	mg/kg	4.00		92.7	81.4-134	10.6	16.2	
o-Xylene	1.85	0.050	mg/kg	2.00		92.6	81.4-133	9.01	16.7	
Total Xylenes	5.56	0.150	mg/kg	6.00		92.7	81.5-134	10.0	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0500		mg/kg	0.0500		100	71.5-134			

Batch 5072530 - Volatiles**Blank (5072530-BLK1)**

Prepared: 25-Jul-25 Analyzed: 28-Jul-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)	ND		mg/kg	0.0500		94.7	71.5-134			

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

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 5072530 - Volatiles**LCS (5072530-BS1)**

Prepared: 25-Jul-25 Analyzed: 28-Jul-25

Benzene	1.80	0.050	mg/kg	2.00		89.9	76.3-129			
Toluene	1.91	0.050	mg/kg	2.00		95.6	84.1-129			
Ethylbenzene	1.91	0.050	mg/kg	2.00		95.7	80.1-133			
m,p-Xylene	3.79	0.100	mg/kg	4.00		94.6	81.4-134			
o-Xylene	1.91	0.050	mg/kg	2.00		95.3	81.4-133			
Total Xylenes	5.69	0.150	mg/kg	6.00		94.9	81.5-134			

Surrogate: 4-Bromofluorobenzene (PID)

0.0460

mg/kg

0.0500

91.9

71.5-134

LCS Dup (5072530-BSD1)

Prepared: 25-Jul-25 Analyzed: 28-Jul-25

Benzene	1.74	0.050	mg/kg	2.00		86.9	76.3-129	3.29	15.8	
Toluene	1.82	0.050	mg/kg	2.00		91.1	84.1-129	4.79	15.9	
Ethylbenzene	1.82	0.050	mg/kg	2.00		90.9	80.1-133	5.22	16	
m,p-Xylene	3.57	0.100	mg/kg	4.00		89.2	81.4-134	5.97	16.2	
o-Xylene	1.80	0.050	mg/kg	2.00		90.1	81.4-133	5.62	16.7	
Total Xylenes	5.37	0.150	mg/kg	6.00		89.5	81.5-134	5.86	16.3	

Surrogate: 4-Bromofluorobenzene (PID)

0.0464

mg/kg

0.0500

92.8

71.5-134

Batch 5072531 - Volatiles**Blank (5072531-BLK1)**

Prepared: 25-Jul-25 Analyzed: 28-Jul-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)

0.0558

mg/kg

0.0500

112

71.5-134

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

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

Batch 5072531 - Volatiles**LCS (5072531-BS1)**

Prepared: 25-Jul-25 Analyzed: 28-Jul-25

Benzene	1.84	0.050	mg/kg	2.00		91.8	76.3-129			
Toluene	1.92	0.050	mg/kg	2.00		96.0	84.1-129			
Ethylbenzene	1.93	0.050	mg/kg	2.00		96.4	80.1-133			
m,p-Xylene	3.86	0.100	mg/kg	4.00		96.6	81.4-134			
o-Xylene	1.95	0.050	mg/kg	2.00		97.7	81.4-133			
Total Xylenes	5.82	0.150	mg/kg	6.00		97.0	81.5-134			

Surrogate: 4-Bromofluorobenzene (PID) 0.0500 mg/kg 0.0500 100 71.5-134

LCS Dup (5072531-BSD1)

Prepared: 25-Jul-25 Analyzed: 28-Jul-25

Benzene	1.76	0.050	mg/kg	2.00		87.9	76.3-129	4.36	15.8	
Toluene	1.81	0.050	mg/kg	2.00		90.3	84.1-129	6.10	15.9	
Ethylbenzene	1.81	0.050	mg/kg	2.00		90.6	80.1-133	6.24	16	
m,p-Xylene	3.63	0.100	mg/kg	4.00		90.8	81.4-134	6.24	16.2	
o-Xylene	1.82	0.050	mg/kg	2.00		91.1	81.4-133	6.94	16.7	
Total Xylenes	5.45	0.150	mg/kg	6.00		90.9	81.5-134	6.47	16.3	

Surrogate: 4-Bromofluorobenzene (PID) 0.0508 mg/kg 0.0500 102 71.5-134

Batch 5072533 - Volatiles**Blank (5072533-BLK1)**

Prepared: 25-Jul-25 Analyzed: 29-Jul-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) 0.0538 mg/kg 0.0500 108 71.5-134

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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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

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 5072533 - Volatiles**LCS (5072533-BS1)**

Prepared: 25-Jul-25 Analyzed: 28-Jul-25

Benzene	1.58	0.050	mg/kg	2.00		79.1	76.3-129			
Toluene	1.69	0.050	mg/kg	2.00		84.4	84.1-129			
Ethylbenzene	1.73	0.050	mg/kg	2.00		86.7	80.1-133			
m,p-Xylene	3.60	0.100	mg/kg	4.00		90.0	81.4-134			
o-Xylene	1.78	0.050	mg/kg	2.00		89.1	81.4-133			
Total Xylenes	5.38	0.150	mg/kg	6.00		89.7	81.5-134			

Surrogate: 4-Bromofluorobenzene (PID)

0.0511

mg/kg

0.0500

102

71.5-134

LCS Dup (5072533-BSD1)

Prepared: 25-Jul-25 Analyzed: 28-Jul-25

Benzene	1.80	0.050	mg/kg	2.00		89.9	76.3-129	12.8	15.8	
Toluene	1.91	0.050	mg/kg	2.00		95.4	84.1-129	12.3	15.9	
Ethylbenzene	1.95	0.050	mg/kg	2.00		97.4	80.1-133	11.6	16	
m,p-Xylene	4.02	0.100	mg/kg	4.00		101	81.4-134	11.1	16.2	
o-Xylene	1.99	0.050	mg/kg	2.00		99.7	81.4-133	11.2	16.7	
Total Xylenes	6.01	0.150	mg/kg	6.00		100	81.5-134	11.1	16.3	

Surrogate: 4-Bromofluorobenzene (PID)

0.0516

mg/kg

0.0500

103

71.5-134

Batch 5072829 - Volatiles**Blank (5072829-BLK1)**

Prepared: 28-Jul-25 Analyzed: 29-Jul-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)

ND

mg/kg

0.0500

94.1

71.5-134

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

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 5072829 - Volatiles**LCS (5072829-BS1)**

Prepared: 28-Jul-25 Analyzed: 29-Jul-25

Benzene	2.04	0.050	mg/kg	2.00		102	76.3-129			
Toluene	2.07	0.050	mg/kg	2.00		104	84.1-129			
Ethylbenzene	2.04	0.050	mg/kg	2.00		102	80.1-133			
m,p-Xylene	4.02	0.100	mg/kg	4.00		100	81.4-134			
o-Xylene	2.00	0.050	mg/kg	2.00		100	81.4-133			
Total Xylenes	6.02	0.150	mg/kg	6.00		100	81.5-134			

Surrogate: 4-Bromofluorobenzene (PID) 0.0463 mg/kg 0.0500 92.5 71.5-134

LCS Dup (5072829-BSD1)

Prepared: 28-Jul-25 Analyzed: 29-Jul-25

Benzene	2.02	0.050	mg/kg	2.00		101	76.3-129	0.559	15.8	
Toluene	2.07	0.050	mg/kg	2.00		103	84.1-129	0.271	15.9	
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	80.1-133	1.04	16	
m,p-Xylene	3.98	0.100	mg/kg	4.00		99.4	81.4-134	1.01	16.2	
o-Xylene	1.97	0.050	mg/kg	2.00		98.5	81.4-133	1.54	16.7	
Total Xylenes	5.95	0.150	mg/kg	6.00		99.1	81.5-134	1.19	16.3	

Surrogate: 4-Bromofluorobenzene (PID) 0.0457 mg/kg 0.0500 91.4 71.5-134

Batch 5080114 - Volatiles**Blank (5080114-BLK1)**

Prepared & Analyzed: 01-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) 0.0556 mg/kg 0.0500 111 71.5-134

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

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 5080114 - Volatiles**LCS (5080114-BS1)**

Prepared & Analyzed: 01-Aug-25

Benzene	1.82	0.050	mg/kg	2.00		90.8	76.3-129			
Toluene	1.94	0.050	mg/kg	2.00		97.0	84.1-129			
Ethylbenzene	1.97	0.050	mg/kg	2.00		98.4	80.1-133			
m,p-Xylene	4.02	0.100	mg/kg	4.00		101	81.4-134			
o-Xylene	2.00	0.050	mg/kg	2.00		99.8	81.4-133			
Total Xylenes	6.02	0.150	mg/kg	6.00		100	81.5-134			

Surrogate: 4-Bromofluorobenzene (PID)

0.0519

mg/kg

0.0500

104

71.5-134

LCS Dup (5080114-BSD1)

Prepared & Analyzed: 01-Aug-25

Benzene	1.74	0.050	mg/kg	2.00		86.8	76.3-129	4.55	15.8	
Toluene	1.85	0.050	mg/kg	2.00		92.4	84.1-129	4.85	15.9	
Ethylbenzene	1.88	0.050	mg/kg	2.00		94.2	80.1-133	4.42	16	
m,p-Xylene	3.88	0.100	mg/kg	4.00		97.0	81.4-134	3.70	16.2	
o-Xylene	1.94	0.050	mg/kg	2.00		96.8	81.4-133	2.99	16.7	
Total Xylenes	5.81	0.150	mg/kg	6.00		96.9	81.5-134	3.46	16.3	

Surrogate: 4-Bromofluorobenzene (PID)

0.0517

mg/kg

0.0500

103

71.5-134

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

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 5072522 - General Prep - Organics**Blank (5072522-BLK1)**

Prepared & Analyzed: 25-Jul-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	51.2		mg/kg	50.0		102	44.4-145			
Surrogate: 1-Chlorooctadecane	54.3		mg/kg	50.0		109	40.6-153			

LCS (5072522-BS1)

Prepared & Analyzed: 25-Jul-25

GRO C6-C10	206	10.0	mg/kg	200		103	81.5-123			
DRO >C10-C28	201	10.0	mg/kg	200		100	77.7-122			
Total TPH C6-C28	407	10.0	mg/kg	400		102	80.9-121			
Surrogate: 1-Chlorooctane	54.3		mg/kg	50.0		109	44.4-145			
Surrogate: 1-Chlorooctadecane	55.5		mg/kg	50.0		111	40.6-153			

LCS Dup (5072522-BS1)

Prepared & Analyzed: 25-Jul-25

GRO C6-C10	205	10.0	mg/kg	200		103	81.5-123	0.619	13	
DRO >C10-C28	201	10.0	mg/kg	200		101	77.7-122	0.468	15.6	
Total TPH C6-C28	406	10.0	mg/kg	400		102	80.9-121	0.0816	18.5	
Surrogate: 1-Chlorooctane	55.9		mg/kg	50.0		112	44.4-145			
Surrogate: 1-Chlorooctadecane	58.5		mg/kg	50.0		117	40.6-153			

Batch 5072524 - General Prep - Organics**Blank (5072524-BLK1)**

Prepared & Analyzed: 25-Jul-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	58.8		mg/kg	50.0		118	44.4-145			
Surrogate: 1-Chlorooctadecane	63.0		mg/kg	50.0		126	40.6-153			

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

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 5072524 - General Prep - Organics**LCS (5072524-BS1)**

Prepared & Analyzed: 25-Jul-25

GRO C6-C10	226	10.0	mg/kg	200		113	81.5-123			
DRO >C10-C28	216	10.0	mg/kg	200		108	77.7-122			
Total TPH C6-C28	442	10.0	mg/kg	400		110	80.9-121			
Surrogate: 1-Chlorooctane	64.2		mg/kg	50.0		128	44.4-145			
Surrogate: 1-Chlorooctadecane	68.0		mg/kg	50.0		136	40.6-153			

LCS Dup (5072524-BSD1)

Prepared & Analyzed: 25-Jul-25

GRO C6-C10	219	10.0	mg/kg	200		109	81.5-123	3.46	13	
DRO >C10-C28	210	10.0	mg/kg	200		105	77.7-122	2.44	15.6	
Total TPH C6-C28	429	10.0	mg/kg	400		107	80.9-121	2.96	18.5	
Surrogate: 1-Chlorooctane	64.3		mg/kg	50.0		129	44.4-145			
Surrogate: 1-Chlorooctadecane	68.1		mg/kg	50.0		136	40.6-153			

Batch 5072526 - General Prep - Organics**Blank (5072526-BLK1)**

Prepared & Analyzed: 25-Jul-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	46.0		mg/kg	50.0		92.0	44.4-145			
Surrogate: 1-Chlorooctadecane	47.2		mg/kg	50.0		94.3	40.6-153			

LCS (5072526-BS1)

Prepared & Analyzed: 25-Jul-25

GRO C6-C10	201	10.0	mg/kg	200		100	81.5-123			
DRO >C10-C28	187	10.0	mg/kg	200		93.7	77.7-122			
Total TPH C6-C28	388	10.0	mg/kg	400		97.0	80.9-121			
Surrogate: 1-Chlorooctane	47.4		mg/kg	50.0		94.9	44.4-145			
Surrogate: 1-Chlorooctadecane	47.5		mg/kg	50.0		95.1	40.6-153			

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

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 5072526 - General Prep - Organics**LCS Dup (5072526-BSD1)**

Prepared & Analyzed: 25-Jul-25

GRO C6-C10	202	10.0	mg/kg	200		101	81.5-123	0.741	13	
DRO >C10-C28	191	10.0	mg/kg	200		95.5	77.7-122	1.97	15.6	
Total TPH C6-C28	393	10.0	mg/kg	400		98.3	80.9-121	1.34	18.5	
Surrogate: 1-Chlorooctane	49.4		mg/kg	50.0		98.8	44.4-145			
Surrogate: 1-Chlorooctadecane	49.9		mg/kg	50.0		99.7	40.6-153			

Batch 5072527 - General Prep - Organics**Blank (5072527-BLK1)**

Prepared: 25-Jul-25 Analyzed: 26-Jul-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	54.5		mg/kg	50.0		109	44.4-145			
Surrogate: 1-Chlorooctadecane	54.3		mg/kg	50.0		109	40.6-153			

LCS (5072527-BS1)

Prepared & Analyzed: 25-Jul-25

GRO C6-C10	234	10.0	mg/kg	200		117	81.5-123			
DRO >C10-C28	227	10.0	mg/kg	200		114	77.7-122			
Total TPH C6-C28	462	10.0	mg/kg	400		115	80.9-121			
Surrogate: 1-Chlorooctane	57.8		mg/kg	50.0		116	44.4-145			
Surrogate: 1-Chlorooctadecane	56.9		mg/kg	50.0		114	40.6-153			

LCS Dup (5072527-BSD1)

Prepared & Analyzed: 25-Jul-25

GRO C6-C10	229	10.0	mg/kg	200		115	81.5-123	2.00	13	
DRO >C10-C28	224	10.0	mg/kg	200		112	77.7-122	1.46	15.6	
Total TPH C6-C28	454	10.0	mg/kg	400		113	80.9-121	1.74	18.5	
Surrogate: 1-Chlorooctane	59.0		mg/kg	50.0		118	44.4-145			
Surrogate: 1-Chlorooctadecane	58.0		mg/kg	50.0		116	40.6-153			

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Analytical Results For:

STANDARD SAFETY & SUPPLY
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

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 5072532 - General Prep - Organics**Blank (5072532-BLK1)**

Prepared: 25-Jul-25 Analyzed: 26-Jul-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	60.0		mg/kg	50.0		120	44.4-145		
Surrogate: 1-Chlorooctadecane	62.6		mg/kg	50.0		125	40.6-153		

LCS (5072532-BS1)

Prepared: 25-Jul-25 Analyzed: 26-Jul-25

GRO C6-C10	224	10.0	mg/kg	200		112	81.5-123		
DRO >C10-C28	212	10.0	mg/kg	200		106	77.7-122		
Total TPH C6-C28	437	10.0	mg/kg	400		109	80.9-121		
Surrogate: 1-Chlorooctane	59.6		mg/kg	50.0		119	44.4-145		
Surrogate: 1-Chlorooctadecane	66.0		mg/kg	50.0		132	40.6-153		

LCS Dup (5072532-BS1)

Prepared: 25-Jul-25 Analyzed: 26-Jul-25

GRO C6-C10	235	10.0	mg/kg	200		117	81.5-123	4.58	13
DRO >C10-C28	222	10.0	mg/kg	200		111	77.7-122	4.25	15.6
Total TPH C6-C28	457	10.0	mg/kg	400		114	80.9-121	4.42	18.5
Surrogate: 1-Chlorooctane	69.5		mg/kg	50.0		139	44.4-145		
Surrogate: 1-Chlorooctadecane	74.6		mg/kg	50.0		149	40.6-153		

Batch 5072546 - General Prep - Organics**Blank (5072546-BLK1)**

Prepared: 25-Jul-25 Analyzed: 28-Jul-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	53.2		mg/kg	50.0		106	44.4-145		
Surrogate: 1-Chlorooctadecane	52.2		mg/kg	50.0		104	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
PO BOX 14987
ODESSA TX, 79764

Project: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	----------------	-----	--------------	-------

Batch 5072546 - General Prep - Organics**LCS (5072546-BS1)**

Prepared: 25-Jul-25 Analyzed: 28-Jul-25

GRO C6-C10	224	10.0	mg/kg	200		112	81.5-123		
DRO >C10-C28	204	10.0	mg/kg	200		102	77.7-122		
Total TPH C6-C28	428	10.0	mg/kg	400		107	80.9-121		
Surrogate: 1-Chlorooctane	55.5		mg/kg	50.0		111	44.4-145		
Surrogate: 1-Chlorooctadecane	57.8		mg/kg	50.0		116	40.6-153		

LCS Dup (5072546-BS1)

Prepared: 25-Jul-25 Analyzed: 28-Jul-25

GRO C6-C10	233	10.0	mg/kg	200		117	81.5-123	3.75	13
DRO >C10-C28	205	10.0	mg/kg	200		103	77.7-122	0.930	15.6
Total TPH C6-C28	439	10.0	mg/kg	400		110	80.9-121	2.42	18.5
Surrogate: 1-Chlorooctane	62.6		mg/kg	50.0		125	44.4-145		
Surrogate: 1-Chlorooctadecane	63.5		mg/kg	50.0		127	40.6-153		

Batch 5080103 - General Prep - Organics**Blank (5080103-BLK1)**

Prepared & Analyzed: 01-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	51.7		mg/kg	50.0		103	44.4-145		
Surrogate: 1-Chlorooctadecane	51.9		mg/kg	50.0		104	40.6-153		

LCS (5080103-BS1)

Prepared & Analyzed: 01-Aug-25

GRO C6-C10	206	10.0	mg/kg	200		103	81.5-123		
DRO >C10-C28	204	10.0	mg/kg	200		102	77.7-122		
Total TPH C6-C28	410	10.0	mg/kg	400		103	80.9-121		
Surrogate: 1-Chlorooctane	54.5		mg/kg	50.0		109	44.4-145		
Surrogate: 1-Chlorooctadecane	54.8		mg/kg	50.0		110	40.6-153		

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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: MESA VERDE WPF
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To: NA

Reported:
08-Aug-25 17:42

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

Batch 5080103 - General Prep - Organics**LCS Dup (5080103-BSD1)**

Prepared & Analyzed: 01-Aug-25

GRO C6-C10	215	10.0	mg/kg	200		107	81.5-123	3.88	13	
DRO >C10-C28	211	10.0	mg/kg	200		105	77.7-122	3.30	15.6	
Total TPH C6-C28	425	10.0	mg/kg	400		106	80.9-121	3.59	18.5	
Surrogate: 1-Chlorooctane	56.0		mg/kg	50.0		112	44.4-145			
Surrogate: 1-Chlorooctadecane	57.2		mg/kg	50.0		114	40.6-153			

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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- 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".

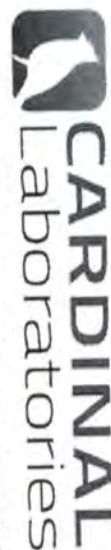
Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Standard Safety and Supply Project Manager: Ethan Seassums Address: City: Carlsbad State: CA zip: 92020 Phone #: 761-266-5456 Fax #: Project #: Project Name: Mesa Verde WPF Project Location: Lea Co, New Mexico Sampler Name: Kenny Han, Carson Carter				P.O. #: Company: Oxy Attn: Daniel Sparks Address: City: State: zip: Phone #: Fax #:			
Lab I.D.				Sample I.D.			
FOR LAB USE ONLY				(G) RAB OR (C) OMP.			
# CONTAINERS				GROUNDWATER			
WASTEWATER				SOIL			
OIL				SLUDGE			
OTHER :				ACID/BASE:			
ICE / COOL				OTHER :			
DATE				TIME			
MATRIX				PRESERV			
SAMPLING				ANALYSIS REQUEST			

Relinquished By: _____

Time: _____

Date: _____

Received By: _____

Time: _____

Date: _____

Relinquished By: _____

Time: _____

Date: _____

Received By: _____

Time: _____

Date: _____

Turnaround Time: _____

Standard ☐ **Rush** ☐

Thermometer ID: _____

Correction Factor: _____

Bacteria (only) ☐ **Cool Intact** ☐ **Observed Temp. °C** _____

Corrected Temp. °C _____

REMARKS:

Please wait for PO# before running the samples

Verbal Result: ☐ Yes ☐ No **Add 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 and Supply
Project Manager: Ethan Sessums
Address:
City: Cashier State: MA Zip: 01220
Phone #: 254-266-5456 Fax #: _____
Project #: _____ Project Owner: Oxy
Project Name: Mesa Verde WPF
Project Location: Lea Co, New Mexico
Sampler Name: Kenny Han, Carson Carter

BILL TO
P.O. #: _____
Company: Oxy
Attn: Daniel Sparks
Address: _____
City: _____
State: _____ **Zip:** _____
Phone #: _____
Fax #: _____

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS REQUEST	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:				ICE / COOL
<u>H264524</u>														
<u>21</u>	<u>V-44</u>	<u>1'</u>	<u>5</u>	<u>1</u>			<u>X</u>					<u>7/12</u>		<u>BTEX</u>
<u>22</u>	<u>V-44</u>	<u>2'</u>					<u>X</u>							<u>TPH</u>
<u>23</u>	<u>V-44</u>	<u>3'</u>					<u>X</u>							<u>Chloride</u>
<u>24</u>	<u>V-44</u>	<u>4'</u>					<u>X</u>							
<u>25</u>	<u>V-45</u>	<u>0'</u>					<u>X</u>							
<u>26</u>	<u>V-45</u>	<u>1'</u>					<u>X</u>							
<u>27</u>	<u>V-45</u>	<u>2'</u>					<u>X</u>							
<u>28</u>	<u>V-45</u>	<u>3'</u>					<u>X</u>							
<u>29</u>	<u>V-45</u>	<u>4'</u>					<u>X</u>							
<u>30</u>	<u>V-46</u>	<u>0'</u>					<u>X</u>							

Relinquished By: _____ **Date:** 7/24/05 **Received By:** APR

Relinquished By: _____ **Date:** _____ **Received By:** _____

Remarks: Please wait for PO# before running the samples

Turnaround Time: Standard ☐ Expedited ☐ Overnight ☐

Thermometer ID: 1134110 **Corrosion Factor:** 0.5°C/°C

Bacteria (only) ☐ **Sample Condition** ☐ **Observed Temp. °C** _____

Corrected Temp. °C _____



101 East Marland, Hobbs, NM 88240
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Standard Safety and Supply

Project Manager: Ethan Sessums

Address:

City: Carlsbad

Phone #: 254-266-5456

Project #:

Project Name: Mesa Verde WPF

Project Location: Lea Co, New Mexico

Sample Name: Kenny Han, Carson Carter

BILL TO

P.O. #:

Company: Oxy

Attn: Daniel Sparks

Address:

City:

State: Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME										
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :												
#05454																					
U1	V-48	1'	5	X								7/12									
U2	V-48	2'		X																	
U3	V-48	3'		X																	
U4	V-48	4'		X																	
U5	V-49	0'		X																	
U6	V-49	1'		X																	
U7	V-49	2'		X																	
U8	V-49	3'		X																	
U9	V-49	4'		X																	
U10	V-50	0'		X																	

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Relinquished By:

Date: 7/24/25
Time: 1:50
Received By: [Signature]

Relinquished By:

Date: [Blank]
Time: [Blank]
Received By: [Blank]

Delivered By: (Circle One)

Sample - UPS - Bus - Other:

Observed Temp: 14.1°C
Corrected Temp: -1.3°C

Sample Condition
Cool Intact
☒ Yes ☐ No

CHECKED BY: (Initials)

Turnaround Time: Standard Rush
Thermometer ID: #13 #14
Correction Factor: -0.6°C +0.3°C

Bacteria (only) Sample Condition
Cool Intact
☐ Yes ☐ No

Observed Temp: °C
Corrected Temp: °C

Please wait for PO# before running the samples

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

All Results are emailed. Please provide Email address:

Email: dsessums@standard.com, kenny.han@standard.com

† 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: Standard Safety and Supply

Project Manager: Ethan Sessums

Address:

City: Carlsbad

Phone #: 254-266-5456

Project #:

Project Name: Mesa Verde WPF

Project Location: Lea Co, New Mexico

Sampler Name: Kenny Han, Carson Carter

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

425/5/104

51

52

53

54

55

56

57

58

59

60

V-50 1'

V-50 2'

V-50 3'

V-50 4'

V-51 0'

V-51 1'

V-51 2'

V-51 3'

V-51 4'

V-52 0'

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

7/12

7/12

7/12

7/12

7/12

7/12

7/12

7/12

7/12

7/12

7/12

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7/12

7/12

7/12

7/12

BTEX
TPH
Chloride

HOLD

BILL TO

ANALYSIS REQUEST

P.O. #:

Company: Oxy

Attn: Daniel Sparks

Address:

City:

State:

Phone #:

Fax #:

Zip:

Relinquished By:

Date: 7/24/25

Received By:

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

All Results are emailed. Please provide Email address:

Relinquished By:

Date:

Received By:

REMARKS:

Please wait for PO# before running the samples

Delivered By: (Circle One)

Observed Temp.: 15.0 °C

Sample Condition

CHECKED BY:

Turnaround Time:

Standard

Bacteria (only)

Cool Intact

Observed Temp. °C

Corrected Temp. °C

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

FORM-008-R3-10/07/21

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

ANALYSIS REQUEST

BILL TO

Company Name: Standard Safety and Supply

Project Manager: Ethan Sessums

Address:

City: Carlsbad

State: NM Zip: 88220

Phone #: 254-266-5456

Fax #:

Project #:

Project Owner: Oxy

Project Name: Mesa Verde WPF

Project Location: Lea Co, New Mexico

Sampler Name: Kenny Han, Carson Carter

P.O. #:

Company: Oxy

Attn: Daniel Sparks

Address:

City:

State:

Zip:

Phone #:

Fax #:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

BTEX

TPH

Chloride

added Hold Removed

7/31/25

HOLD

X

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Relinquished By:

Date: 7/24/25

Received By:

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

All Results are emailed. Please provide Email address:

Relinquished By:

Date: 7/24/25

Received By:

REMARKS:

Please wait for PO# before running the samples

Delivered By: (Circle One)

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool

Intact

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

Sampler - UPS - Bus - Other:

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool

Intact

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

Sampler - UPS - Bus - Other:

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool

Intact

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

Sampler - UPS - Bus - Other:

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool

Intact

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

Sampler - UPS - Bus - Other:

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool

Intact

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

Sampler - UPS - Bus - Other:

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool

Intact

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

Sampler - UPS - Bus - Other:

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool

Intact

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

Sampler - UPS - Bus - Other:

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool

Intact

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

Sampler - UPS - Bus - Other:

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool

Intact

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

Sampler - UPS - Bus - Other:

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool

Intact

Yes

No

Yes

No

Yes

No

Yes



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



ANALYSIS REQUEST

[illegible]

All Results are emailed. Please provide email address.

Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY:	Turnaround Time:	<input checked="" type="checkbox"/> Bacteria (only)	Sample Condition
	-1.0	Cool Intact	(Initials)	Standard	<input type="checkbox"/>	Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	AP	Rush	Yes <input type="checkbox"/> No <input type="checkbox"/>	Corrected Temp. °C
	-1.3			AP 7-24-05 #13		
				Correction Factor -0.6 °C		

† Cardinal cannot accept verbal changes. Please email changes to celeyn.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 and Supply										BILL TO										ANALYSIS REQUEST																													
Project Manager: Ethan Sessums										P.O. #:																																							
Address:										Company: Oxy																																							
City: <u>Carlsbad</u>										Attn: Daniel Sparks																																							
State: <u>CA</u> Zip: <u>92020</u>										Address:																																							
Phone #: <u>254-266-5456</u> Fax #:										City:																																							
Project #:										Project Owner: <u>Oxy</u>																																							
Project Name: Mesa Verde WPF										State: Zip:																																							
Project Location: Lea Co, New Mexico										Phone #:																																							
Sampler Name: Kenny Han, Carson Carter										Fax #:																																							
FOR LAB USE ONLY										MATRIX										PRESERV.										SAMPLING																			
Lab I.D. Sample I.D.										(G)RAB OR (C)OMP.										# CONTAINERS																													
										GROUNDWATER										WASTEWATER																													
										SOIL																																							
										OIL																																							
										SLUDGE																																							
										OTHER :																																							
										ACID/BASE:																																							
										ICE / COOL																																							
										OTHER :																																							
										DATE										TIME																													
<u>H25454</u>										<u>0-6"</u>										<u>5</u>										<u>1</u>																			
<u>Q1</u>										<u>H-22</u>										<u>X</u>																													
<u>Q2</u>										<u>H-23</u>																																							
<u>Q3</u>										<u>H-24</u>																																							
<u>Q4</u>										<u>H-25</u>																																							
<u>Q5</u>										<u>H-26</u>																																							
<u>Q6</u>										<u>H-27</u>																																							

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Relinquished By: <u>[Signature]</u>										Date: <u>7/24/05</u>										Received By: <u>[Signature]</u>										Time: <u>1:15</u>									
Relinquished By:										Date:										Received By:										Time:									
Delivered By: (Circle One)										Observed Temp. °C: <u>-1.0</u>										Sample Condition										CHECKED BY: (Initials) <u>[Signature]</u>									
Sampler - UPS - Bus - Other:										Corrected Temp. °C: <u>-1.3</u>										Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>										Turnaround Time: <u>0730</u> Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>									
																				<input type="checkbox"/> Yes <input type="checkbox"/> No										Thermometer ID #13 <u>#140</u>									
																				<input type="checkbox"/> Yes <input type="checkbox"/> No										Correction Factor: <u>-0.3</u>									
																				<input type="checkbox"/> Yes <input type="checkbox"/> No										Bacteria (only) Sample Condition									
																				<input type="checkbox"/> Yes <input type="checkbox"/> No										Cool Intact <input type="checkbox"/> Observed Temp. °C									
																				<input type="checkbox"/> Yes <input type="checkbox"/> No										Corrected Temp. °C									

REMARKS: Please wait for PO# before running the samples

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

All Results are emailed. Please provide Email address:

Ethan.Sessums@standardss.com, Kenny.Han@standardss.com



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: MESA VERDE WPF

Enclosed are the results of analyses for samples received by the laboratory on 08/12/25 15:25.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/12/2025
 Reported: 08/18/2025
 Project Name: MESA VERDE WPF
 Project Number: NOT GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 08/12/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 12 11' (H254983-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.66	82.9	2.00	1.07	
Toluene*	<0.050	0.050	08/13/2025	ND	1.72	86.0	2.00	0.344	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.80	89.8	2.00	0.390	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.48	91.4	6.00	0.135	
Total BTX	<0.300	0.300	08/13/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	704	16.0	08/13/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	201	101	200	2.30	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	173	86.3	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					

Surrogate: 1-Chlorooctane 106 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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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: 08/12/2025
 Reported: 08/18/2025
 Project Name: MESA VERDE WPF
 Project Number: NOT GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 08/12/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 12 12' (H254983-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2025	ND	1.66	82.9	2.00	1.07		
Toluene*	<0.050	0.050	08/13/2025	ND	1.72	86.0	2.00	0.344		
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.80	89.8	2.00	0.390		
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.48	91.4	6.00	0.135		
Total BTEX	<0.300	0.300	08/13/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	960	16.0	08/13/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	201	101	200	2.30	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	173	86.3	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					

Surrogate: 1-Chlorooctane 94.0 % 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: 08/12/2025
 Reported: 08/18/2025
 Project Name: MESA VERDE WPF
 Project Number: NOT GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 08/12/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 14 3' (H254983-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2025	ND	1.66	82.9	2.00	1.07		
Toluene*	<0.050	0.050	08/13/2025	ND	1.72	86.0	2.00	0.344		
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.80	89.8	2.00	0.390		
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.48	91.4	6.00	0.135		
Total BTEx	<0.300	0.300	08/13/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1730	16.0	08/13/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	201	101	200	2.30	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	173	86.3	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					

Surrogate: 1-Chlorooctane 109 % 44.4-145

Surrogate: 1-Chlorooctadecane 107 % 40.6-153

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/12/2025
 Reported: 08/18/2025
 Project Name: MESA VERDE WPF
 Project Number: NOT GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 08/12/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 14 4' (H254983-04)

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	08/13/2025	ND	1.66	82.9	2.00	1.07		
Toluene*	<0.050	0.050	08/13/2025	ND	1.72	86.0	2.00	0.344		
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.80	89.8	2.00	0.390		
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.48	91.4	6.00	0.135		
Total BTX	<0.300	0.300	08/13/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1380	16.0	08/13/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	201	101	200	2.30	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	173	86.3	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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

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>4502768602</u>	
Project Manager: <u>Edman Sessums</u>		Company: <u>Oxy</u>	
Address:		Attn: <u>David Sports</u>	
City: <u>Carlisle</u> State: <u>NM</u> Zip: <u>88240</u>		Address:	
Phone #: <u>354-266-5456</u> Fax #:		City:	
Project #: Project Owner: <u>Oxy</u>		State: Zip:	
Project Name: <u>Mesa Verde LUPF</u>		Phone #:	
Project Location: <u>Lea Co, NM</u>		Fax #:	
Sampler Name: <u>Kenny Kuhn</u>		PRESERV	
FOR LAB USE ONLY		SAMPLING	
Lab I.D.	Sample I.D.		
<u>1154983</u>	<u>11'</u>		
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State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

QUESTIONS

Action 514530

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 514530
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2519665278
Incident Name	NAPP2519665278 MESA VERDE WPF @ FOY1716651072
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received
Incident Facility	[fOY1716651072] OXY MESA VERDE EAST RECYCLING CONTAINMENT #2

Location of Release Source	
Please answer all the questions in this group.	
Site Name	MESA VERDE WPF
Date Release Discovered	07/15/2025
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	Cause: Equipment Failure Water Tank Crude Oil Released: 3,013 BBL Recovered: 122 BBL Lost: 2,891 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Water Tank Produced Water Released: 38,305 BBL Recovered: 1,558 BBL Lost: 36,747 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)	A Notice of Release was submitted on July 15, 2025, and reported incorrect volumes. The following day, a more detailed inquiry into the release volumes was conducted, and the correct volumes were determined.

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QUESTIONS, Page 2

Action 514530

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 514530
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	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: 10/13/2025
--	---

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QUESTIONS, Page 3

Action 514530

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 514530
	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)	23200
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	34694
GRO+DRO (EPA SW-846 Method 8015M)	28254
BTEX (EPA SW-846 Method 8021B or 8260B)	691
Benzene (EPA SW-846 Method 8021B or 8260B)	13.1
<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	07/21/2025
On what date will (or did) the final sampling or liner inspection occur	02/20/2026
On what date will (or was) the remediation complete(d)	03/20/2026
What is the estimated surface area (in square feet) that will be reclaimed	228486
What is the estimated volume (in cubic yards) that will be reclaimed	39327
What is the estimated surface area (in square feet) that will be remediated	40857
What is the estimated volume (in cubic yards) that will be remediated	1513
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 514530

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 514530
	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: 10/13/2025
<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 514530

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 514530
	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 514530

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 514530
	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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CONDITIONS

Action 514530

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 514530
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	The Site Characterization and Remediation Work Plan is approved with the following stipulation. 1. The variance request to collect confirmation samples every 600 sq. feet. is not approved. A variance request must provide written demonstration that it will provide equal or better protection to the environment, property and public health and not solely on the size of the release.	11/24/2025