



### Liquid Release Volume Calculator - E&P Exempt Material

**Facility/Pipeline Name:** nAPP2301947855 Ace Water Transfer, Red Tanks Release **Date:** 1/19/2023  
**Product Released:** Crude Oil  Produced Water  Condensate  **Did release enter water?** NO  
**Region:** WEST TEXAS **Inside/Outside of Containment:** OUTSIDE CONTAINMENT

Total Area Calculations - Rectangle				
Total Surface Area	Length	Width	Wet Soil Depth	Area Covered (%)
Rectangle Area 1	720 ft. x	143 ft. x	10 in.	25.00%
Rectangle Area 2	ft. x	ft. x	in.	50.00%
Rectangle Area 3			in.	100.00%
Rectangle Area 4			in.	100.00%
Rectangle Area 5			in.	100.00%

Standing Liquid Calculations - Rectangle				
Total Standing Liquid	Length	Width	Depth	Area Covered (%)
Rectangle Area 1	ft. x	ft. x	in.	0.00%
Rectangle Area 2	ft. x	ft. x	in.	0.00%
Rectangle Area 3	0 ft. x	0 ft. x	0 in.	0.00%
Rectangle Area 4	0 ft. x	0 ft. x	0 in.	0.00%
Rectangle Area 5	0 ft. x	0 ft. x	0 in.	0.00%

**\*Soil Type:** Sand  
**Liquid Holding Factor:** 0.08  
**\*Oil Cut %:** 0.00%

**\*Fluid Recovered:** 0 BBL

Approximate Volume Released - Rectangle			
	Hydrocarbon Lost:	REPORTABLE?	Produced Water Lost:
Liquid in Soil:	0.00 BBL		305.61 BBL
Standing Liquid:	0.00 BBL		0.00 BBL
<b>Total:</b>	<b>0.00 BBL</b>	NO	<b>305.61 BBL</b> YES
Displacement:	0.00 BBL		
<b>TOTAL RELEASED:</b>	<b>305.61 BBL</b>		<b>12,835.68 GAL</b>
<b>RECOVERED VOLUME:</b>	0.00 BBL		

Tank Displacement (Circle or Rectangle; In Containment)				
Tank Diameter	Depth	# of Tanks	Displacement	
ft	in	0	0.00	BBL
ft	0 in	0	0.00	BBL
0 ft	0 in	0	0.00	BBL
0 ft	0 in	0	0.00	BBL
0 ft	0 in	0	0.00	BBL
<b>Total Displacement:</b>			<b>0.00</b>	<b>BBL</b>

**HINTS:**

•Oil cut is the percentage of hydrocarbons in the fluid mixture i.e., produced water may have a 0.3% oil cut.

**DEPTH CONVERSIONS:**

- 1/16th of an inch = 0.0625 inches = 0.0052 feet
- 1/8th of an inch = 0.125 inches = 0.01041 feet
- 1/4th of an inch = 0.25 inches = 0.2083 feet
- 1/2 of an inch = 0.5 inches = 0.0416 feet
- 1 inch = 0.0833 feet
- 1 1/2 inches = 1.5 inches = 0.125 feet
- 2 inches = 0.1666 feet

- 3 inches = 0.25 feet
- 4 inches = 0.333 feet
- 5 inches = 0.4166 feet
- 6 inches = 0.5 feet
- 12 inches = 1 foot
- 24 inches = 2 feet

**SOIL TYPES:**

- Sand: Sandy soil has large, gritty particles that feel rough and drain water quickly, often appearing light in color, like pale yellow or light brown. Examples of where you might find this would be the beach, or non-pad areas in West Texas.
- Sandy Clay Loam: Sandy Clay Loam has a crumbly texture with a balance of sand and clay, appearing brown or dark tan, and retains moisture while draining well. Examples of where you might find this would be???????

# Remediation Action Plan Report

Ace Water Transfer, Red Tanks

NMOCD I.D. # nAPP2301947855

Lea County, New Mexico

October 3, 2025 | Project No. KH247029

Prepared for:  
Solaris Midstream, LLC  
3305 Boyd Dr  
Carlsbad, NM 88220



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October 3, 2025

Solaris Water Midstream, LLC  
3305 Boyd Dr.  
Carlsbad, NM 88220

**Attn:** New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico, NM 87505

**RE:** Remediation Action Plan Report  
Solaris Water Midstream, LLC  
Ace Water Transfer, Red Tanks  
NMOCD I.D. # nAPP2301947855  
Unit L4, Section 6, Township 23 South, Range 33 East  
32.339152°, -103.619787°  
Lea County, New Mexico  
Terracon Project No. KH247029

Terracon Consultants, Inc. (Terracon) is pleased to submit this Remediation Action Plan Report on behalf of Solaris Water Midstream, LLC (Solaris) for the site referenced above. The report is prepared in accordance with the New Mexico Oil Conservation Division (NMOCD) regulations governing Oil and Gas Releases (19.15.29 NMAC). A brief chronology of project history is included below.

- **January 19, 2023:** A release of produced water was reported by Solaris at the Ace Water Transfer, Red Tanks.
- **June 1, 2024:** Terracon was contracted to investigate the release.
- **June 10, 2024:** Terracon enlisted the services of Atkins Engineering Associates to conduct an electromagnetic (EM) survey of the release area. The EM survey was utilized to focus delineation efforts.
- **July 15, 2024:** Terracon personnel mobilized to the site and conducted initial delineation soil sampling.
- **June 18, 2025:** Solaris enlisted Vision Resources to install an exploratory boring to assess the depth of groundwater at the site.
- **July 7, 2025:** Terracon contracted with Atkins Engineering Associates to conduct a subsequent EM survey over the investigation area. The EM survey was utilized to again focus delineation sampling efforts and to assess the natural attenuation of chlorides in the porous sandy soils present on the site.
- **August 25, 2025:** Terracon personnel returned to the site for additional delineation soil sampling. All subsequent data collected during the previously described events is presented in this report.

We believe the work described in the attached Remediation Action Plan Report completes the site characterization and details the remediation needed for the site, and we respectfully request NMOCD consider the incident nAPP2301947855 defined and eligible for closure.

Remediation Action Plan Report  
Ace Water Transfer, Red Tanks | Lea County, New Mexico  
October 3, 2025 | Terracon Project No. KH247029



Terracon appreciates this opportunity to provide environmental services to Solaris Water Midstream, LLC. Should you have any questions or require additional information, please do not hesitate to contact our office.

Sincerely,  
**Terracon**

Chuck Smith  
Senior Project Manager

John Grams, PG (TX)  
Senior Geologist

Remediation Action Plan Report  
Ace Water Transfer, Red Tanks | Lea County, New Mexico  
October 3, 2025 | Terracon Project No. KH247029



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- Exhibit 4 – Designated Wetland Area Map
- Exhibit 5 – Cave Karst Public UCP Map
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- Exhibit 8 – Boring Log
- Exhibit 9 – Photographic Log

### APPENDICES

- Appendix A – Laboratory Data Packages
- Appendix B – Terracon’s Standard of Care, Limitations and Reliance



## 1.0 Site Information

The following table provides detailed information regarding the Remediation information for the off-pad produced water release at the Ace Water Transfer, Red Tanks site in Lea County, New Mexico.

Required Information	Site and Release information	
Responsible Party:	The site is operated by Solaris Water Midstream, LLC OGRID #: 671643	
Local Contact:	Contact: Mr. Jeffery Cook	P: (713) 614-3644 E: <a href="mailto:jeffery.cook@ariswater.com">jeffery.cook@ariswater.com</a>
Site Name	Ace Water Transfer, Red Tanks	
Facility Description:	Ace Water Transfer, Incident No. nAPP2301947855 is a well location located in Lea County, New Mexico. It is an area located within Unit L4, Section 6, Township 23 South, Range 33 East, approximately 27.5 miles southwest of Eunice, New Mexico. The area around the site is predominantly undeveloped native Federal-owned pastureland. A Topographic Map and Site location Map are included as Exhibit 1, and Exhibit 2, respectively.	
Lease #	BL28000000	
Lessee:	Matador Production Company	
NMOCD Incidents:	Reportedly, work by Ace Water Transfer while changing out a road crossing resulted in a leak in the water transfer line.	
Type of Discharge:	Produced Water / Incident ID No: nAPP2301947855	
Quantity Spilled:	Total Fluids: 305 bbls	Volume recovered: 0 bbls
Site Characteristics:	Relatively flat with drainage following the natural ground surface; sloping very gently southerly.	
Immediate Corrective Actions:	The Initial C-141 does not explicitly state what the initial response entailed, but does indicate that all boxes were checked. 0 bbls recovered.	

## 2.0 General Site Characteristics

Physical Characteristic	Site Ranking Characteristics
<b>Groundwater</b> NMOSE POD Location Map (Exhibit 3)	<p><u>Boring Information:</u> (C-04782-POD 1 )</p> <p><u>Depth of Well:</u> 105 ft. bgs    <u>Depth to Water:</u> &gt;105 ft. bgs</p> <p><u>Distance to Well:</u> 0.01 miles to the north</p> <p><u>Date Drilled:</u> June 18, 2025. The boring log is included as Appendix 8.</p> <p><u>Groundwater Quality:</u> Groundwater in the area of the site is predominately unknown and presumed for industrial use.</p>

Remediation Action Plan Report  
 Ace Water Transfer, Red Tanks | Lea County, New Mexico  
 October 3, 2025 | Terracon Project No. KH247029



Physical Characteristic	Site Ranking Characteristics
<b>Surface Water</b> Wetland Area Map (Exhibit 4)	There are Riverine features to the north and south of the site located within 5 miles. There are no lakebeds, sink holes or playa lakes identified within 200 feet. There are no wetlands identified within 300 feet.
<b>100-Year Flood Plain</b>	This site is located outside of the 100-year flood plain.
<b>Karst Characterization</b> Cave Karst Public UCP Map (Exhibit 5)	A review of the geospatial data obtained from the Bureau of Land Management (BLM) Carlsbad Field Office website indicated that the site is within an area of low risk for Karst formations, as indicated in the Cave Karst Public UCP Map (Exhibit 5).

### 3.0 Regulatory Framework and Response Action Levels

Oil and gas exploration and production facilities in New Mexico are generally regulated by the New Mexico Oil Conservation Division (NMOCD). Standards governing the remediation and reclamation of sites impacted by releases from oil and gas exploration and production activities are contained in 19.15.29 NMAC.

#### Closure Criteria for Soils Impacted by a release

The below reclamation and remediations Limits for BTEX (includes benzene, toluene, ethylbenzene, and xylenes), and benzene, chlorides and TPH (GRO+DRO+MRO), are defined within New Mexico Administration Code (NMAC) 19.15.29.12 and 19.15.29.13 and in the NMOCD guidance document "Procedures for Implementation of the Spill Rule" dated September 6, 2019.:

Parameters	Closure Criteria (<=4' bgs)	Closure Criteria (>4' bgs)	Analytical Method
Total Benzene, Toluene, Ethylbenzene and Xylenes (Total BTEX)	50 mg/kg	50 mg/kg	EPA Method 8021B
Benzene	10 mg/kg	10 mg/kg	EPA Method 8021B
Chlorides	600 mg/kg	20,000 mg/kg	EPA Method 300
Total Petroleum Hydrocarbons (TPH) GRO, DRO and MRO	N/A	1,000 mg/kg	EPA Method 8015M
TPH (GRO+DRO)	100 mg/kg	2,500 mg/kg	EPA Method 8015M



## 4.0 Site Assessment/Delineation

Initial site assessment activities were conducted from June 10, 2024 through August 25, 2025. This work consisted of two separate EM surveys, one exploratory boring, and two separate soil sampling events. These activities were completed to determine lateral and horizontal extent of the release and to determine depth to groundwater and thus establish the appropriate remediation action levels (RAL) for the site. This work included collecting a total of 110 delineation soil samples from 45 locations (DSH-01 through DSH-13 and DSV-01 through DSV-08 and B-1 through B-26). The soil samples were collected utilizing a hand auger at depths ranging from 0.5-feet bgs to 8.0-foot bgs. The soil samples were submitted for analysis of BTEX, Chloride and TPH, all of which were detected above Laboratory sample detection limits (SDLs).

The EM survey results and sample locations are depicted combined on Delineation Sample Map (2024) and Delineation Sample Map (2025) respectfully. The EM survey maps demonstrated a minimal dispersion of chloride concentrations from 2024 to 2025. The samples collected following the 2025 EM survey, demonstrates a consolidation of chloride concentrations around sample points (B-04, B-06, B-07, B-08, B-13, B-17, and B-25) The Laboratory Analytical Report along with the Chain of Custody are included in the attached Appendix A, Attachment 1.

There were no exceedances to BTEX RAL's reported in the delineation sample results. There were several sample results reported above the laboratory standard detection limit (SDL) but below the RAL. These were BTEX of 0.00232 milligrams per kilogram (mg/kg) in B-12 (3.5 ft bgs to 4.0 ft bgs), and 0.00249 in B-15 (0.5 ft bgs to 1.0 ft bgs). None of the sample results exceed the NMOCD closure criteria. BTEX has been delineated vertically and horizontally.

There were no exceedances of TPH RALs reported in the delineation sample results. One sample result was reported above the SDL (109 mg/kg in sample B-25 (0.5 ft bgs to 1.0 ft bgs)). This result is above the NMOCD closure criteria referenced above for soils from surface to 4.0 ft bgs. TPH at this site has been delineated vertically and horizontally.

Twenty-five of the 110 delineation samples were reported with chloride concentrations above RALs. These sample locations, with detections above the RAL, have been included in the areas of the release targeted for remediation. The horizontal extent of the release is defined by chloride results below the RAL in the following sample locations: DSH-02, DSH-03, DSH-04, DSH-05, DSH-06, DSH-07, DSH-08, DSH-10, DSH-11, DSV-08, and supported by (B-01, B-02, B-07, B-09, B-10, B-11, B-12, B-14, B-15, B-16, B-18, B-19, B-20, B-21, B-22, B-23, B-24, and B-26).

Vertical delineation of the release has not been established across all sample points. However, there are several areas within the footprint of the release where vertical delineation has been achieved. Additional deeper soil samples will be collected at the beginning of the excavation to provide vertical delineation and guide the depth of the excavation required.



## 5.0 Remediation Timeline and Closure Activities

Remediation activities will begin approximately 30 days following the approval of this RAP by the NMOCD and will be concluded approximately 30 days following the final confirmation sampling event. The proposed remedial work will consist of excavation and removal of soil that exceeds NMOCD RAL's. The material remaining in place will be collected in confirmation composite samples to be evaluated for every 200 square feet interval. Material that does not exceed NMOCD RAL's will be left in place. Following the disposal of impacted material, backfill material will be imported, tested, and utilized as non-impacted backfill material for the excavation.

A total of 21,355 square feet of impacted area is expected to produce, a volume of approximately 2,000 cubic yards of affected soil that will be excavated and disposed of at Lea Land Disposal Facility. Once the closure criteria are attained, the excavation will be backfilled with approximately 2,000 cubic yards of suitable uncontaminated backfill material and reseeded in accordance with NMAC 19.15.29.13. A sample of the backfill material (BF-01) will be collected and analyzed by a laboratory for BTEX, Chloride and TPH to evaluate suitability. Terracon's Standard of Care, Limitations and Reliance is included as Appendix B.


## 6.0 Recommendations

In accordance with NMAC 19.15.29.13, Reclamation of the impacted material will be satisfied following this RAP, and Solaris Water Midstream, LLC. respectfully requests approval of this RAP for incident nAPP2420035294 that occurred at the Ace Water Transfer, Red Tanks location.

## **TABLES**

Table 1 – Soil Analytical Results Summary – (2024)


Table 2 – Soil Analytical Results Summary – (2025)

<b>Table 1</b> <b>Soil Analytical Results Summary - (2024)</b> <b>Project Code: KH247029 - Ace Red Tanks</b> <b>NMOCD Reference No. nAPP2301947855</b>											
Sample ID	Sample Date	Sample Depth (ft bgs)	Sample Type	Sample Status	Chloride (mg/Kg)	Benzene (mg/Kg)	Total BTEX <sup>1</sup> (mg/Kg)	Total TPH <sup>2</sup> (mg/Kg)	Gasoline Range Organics (C6-C10) (mg/Kg)	Diesel Range Organics (Over C10-C28) (mg/Kg)	Oil Range Organics (Over C28-C36) (mg/Kg)
					EPA Method 300	EPA Method 8021B	EPA Method 8021B	EPA Method 8015M	EPA Method 8015M	EPA Method 8015M	EPA Method 8015M
<b>Release Assessment</b>											
DSV-1	7/15/2024	0.5	Grab	In-Situ	80	ND	ND	ND	ND	ND	ND
	7/15/2024	3.0	Grab	In-Situ	<b>864</b>	ND	ND	ND	ND	ND	ND
	8/5/2024	4.0	Grab	In-Situ	48	ND	ND	ND	ND	ND	ND
DSV-2	7/15/2024	0.5	Grab	In-Situ	256	ND	ND	ND	ND	ND	ND
	7/15/2024	4.0	Grab	In-Situ	<b>5,120</b>	ND	ND	ND	ND	ND	ND
	8/5/2024	8.0	Grab	In-Situ	32	ND	ND	ND	ND	ND	ND
DSV-3	7/15/2024	0.5	Grab	In-Situ	64	ND	ND	ND	ND	ND	ND
	7/15/2024	4.0	Grab	In-Situ	<b>3,840</b>	ND	ND	ND	ND	ND	ND
	7/15/2024	6.0	Grab	In-Situ	1,820	ND	ND	ND	ND	ND	ND
	8/5/2024	8.0	Grab	In-Situ	32	ND	ND	ND	ND	ND	ND
DSV-4	7/15/2024	2.0	Grab	In-Situ	<b>2,520</b>	ND	ND	ND	ND	ND	ND
		3.0	Grab	In-Situ	592	ND	ND	ND	ND	ND	ND
		6.0	Grab	In-Situ	496	ND	ND	ND	ND	ND	ND
DSV-5	7/15/2024	0.5	Grab	In-Situ	32	ND	ND	ND	ND	ND	ND
	7/15/2024	4.0	Grab	In-Situ	<b>1,150</b>	ND	ND	ND	ND	ND	ND
	8/5/2024	6.0	Grab	In-Situ	64	ND	ND	ND	ND	ND	ND
DSV-6	7/15/2024	0.5	Grab	In-Situ	<b>1,120</b>	ND	ND	ND	ND	ND	ND
	7/15/2024	4.0	Grab	In-Situ	<b>2,360</b>	ND	ND	ND	ND	ND	ND
	8/5/2024	4.5	Grab	In-Situ	128	ND	ND	ND	ND	ND	ND
DSV-7	7/15/2024	0.5	Grab	In-Situ	<b>1,070</b>	ND	ND	ND	ND	ND	ND
	7/15/2024	4.0	Grab	In-Situ	<b>2,320</b>	ND	ND	ND	ND	ND	ND
	7/15/2024	5.0	Grab	In-Situ	2,080	ND	ND	ND	ND	ND	ND
DSV-8	8/5/2024	6.5	Grab	In-Situ	80	ND	ND	ND	ND	ND	ND
	7/15/2024	0.5	Grab	In-Situ	16	ND	ND	ND	ND	ND	ND
	7/15/2024	4.0	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
DSH-1	7/15/2024	0.5	Grab	In-Situ	<b>992</b>	ND	ND	ND	ND	ND	ND
	7/15/2024	4.0	Grab	In-Situ	16	ND	ND	ND	ND	ND	ND
DSH-2	7/15/2024	0.5	Grab	In-Situ	16	ND	ND	ND	ND	ND	ND
	7/15/2024	4.0	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
DSH-3	7/15/2024	0.5	Grab	In-Situ	64	ND	ND	ND	ND	ND	ND
	7/15/2024	4.0	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
DSH-4	7/15/2024	0.5	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
	7/15/2024	4.0	Grab	In-Situ	112	ND	ND	ND	ND	ND	ND
DSH-5	7/15/2024	0.5	Grab	In-Situ	336	ND	ND	ND	ND	ND	ND
	7/15/2024	4.0	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
DSH-6	7/15/2024	0.5	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
	7/15/2024	3.0	Grab	In-Situ	64	ND	ND	ND	ND	ND	ND
DSH-7	7/15/2024	0.5	Grab	In-Situ	32	ND	ND	ND	ND	ND	ND
	7/15/2024	4.0	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
DSH-8	7/15/2024	0.5	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
	7/15/2024	4.0	Grab	In-Situ	48	ND	ND	ND	ND	ND	ND
	7/15/2024	5.0	Grab	In-Situ	16	ND	ND	ND	ND	ND	ND
DSH-9	8/5/2024	3.0	Grab	In-Situ	16	ND	ND	ND	ND	ND	ND
DSH-10	8/5/2024	3.0	Grab	In-Situ	80	ND	ND	ND	ND	ND	ND
DSH-11	8/5/2024	3.0	Grab	In-Situ	16	ND	ND	ND	ND	ND	ND
<b>NMOCD Reclamation Standards<sup>3</sup> (Surface to 4 ft bgs)</b>					600	10	10	100	100	100	NA
<b>NMOCD Remediation Standards<sup>4</sup> (Greater than Depths of 4 ft bgs)</b>					20,000	10	10	2,500	2500	2500	NA
1. BTEX = Benzene, toluene, ethylbenzene, and total xylenes 2. TPH = Total petroleum hydrocarbons 3. New Mexico Administration Code (NMAC) Restoration, Reclamation and Re-vegetation (19.15.29.13), NMAC-D (Reclamation of Areas No Longer in Use) for Soils Extending to 4 ft. 4. New Mexico Oil Conservation Division (NMOCD) Remediation and Delineation Standards (19.15.29.12) NMAC-N, 8/14/2018 ND = Constituent was not detected above the indicated laboratory sample detection limit (SDL). NA = Not Applicable <b>Bold denotes concentrations above applicable laboratory SDLs.</b> <b>Bold and Highlighted values exceed the NMOCD Reclamation and/or Remediation and Delineation Standards.</b> In-situ = Sample is representative of material which remains in-place at the site. Excavated = Sample is representative of materials which was excavated and disposed of at a permitted disposal facility.									Data Entry:	TC	
									Reviewed By:	CFS	
									 Explore with us		


**Table 2**  
**Soil Analytical Results Summary - (2025)**  
**Project Code: KH247029 - Ace Red Tanks**  
**NMOCD Reference No. nAPP2301947855**

Sample ID	Sample Date	Sample Depth (ft bgs)	Sample Type	Sample Status	Chloride (mg/Kg)	Benzene (mg/Kg)	Total BTEX <sup>1</sup> (mg/Kg)	Total TPH <sup>2</sup> (mg/Kg)	Gasoline Range Organics (C6-C10) (mg/Kg)	Diesel Range Organics (Over C10-C28) (mg/Kg)	Oil Range Organics (Over C28-C36) (mg/Kg)
					EPA Method 300	EPA Method 8021B	EPA Method 8021B	EPA Method 8015M	EPA Method 8015M	EPA Method 8015M	EPA Method 8015M
<b>Release Assessment</b>											
B-01	8/26/2025	0.5-1.0	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
		3.5-4.0	Grab	In-Situ	39.0	ND	ND	ND	ND	ND	ND
		4.5-5.0	Grab	In-Situ	13.8	ND	ND	ND	ND	ND	ND
B-02	8/26/2025	0.5-1.0	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
		3.5-4.0	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
		4.5-5.0	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
B-03	8/26/2025	0.5-1.0	Grab	In-Situ	451	ND	ND	ND	ND	ND	ND
		3.0-3.5	Grab	In-Situ	<b>1,420</b>	ND	ND	ND	ND	ND	ND
B-04	8/26/2025	0.5-1.0	Grab	In-Situ	<b>6,590</b>	ND	ND	ND	ND	ND	ND
		3.5-4.0	Grab	In-Situ	66.8	ND	ND	ND	ND	ND	ND
B-05	8/26/2025	0.5-1.0	Grab	In-Situ	<b>1,110</b>	ND	ND	ND	ND	ND	ND
		3.5-4.0	Grab	In-Situ	<b>1,430</b>	ND	ND	ND	ND	ND	ND
B-06	8/26/2025	0.5-1.0	Grab	In-Situ	43.3	ND	ND	ND	ND	ND	ND
		3.5-4.0	Grab	In-Situ	<b>2,750</b>	ND	ND	ND	ND	ND	ND
B-07	8/26/2025	0.5-1.0	Grab	In-Situ	26.9	ND	ND	ND	ND	ND	ND
		3.5-4.0	Grab	In-Situ	59.1	ND	ND	ND	ND	ND	ND
		4.5-5.0	Grab	In-Situ	70.8	ND	ND	ND	ND	ND	ND
B-08	8/26/2025	0.5-1.0	Grab	In-Situ	22.7	ND	ND	ND	ND	ND	ND
		3.5-4.0	Grab	In-Situ	<b>2,650</b>	ND	ND	ND	ND	ND	ND
B-09	8/26/2025	0.5-1.0	Grab	In-Situ	28.7	ND	ND	ND	ND	ND	ND
		3.5-4.0	Grab	In-Situ	26.0	ND	ND	ND	ND	ND	ND
		4.5-5.0	Grab	In-Situ	11.4	ND	ND	ND	ND	ND	ND
B-10	8/26/2025	0.5-1.0	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
		3.5-4.0	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
B-11	8/26/2025	0.5-1.0	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
		3.5-4.0	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
		4.5-5.0	Grab	In-Situ	27.5	ND	ND	ND	ND	ND	ND
<b>NMOCD Reclamation Standards<sup>3</sup> (Surface to 4 ft bgs)</b>					600	10	10	100	100		NA
<b>NMOCD Remediation Standards<sup>4</sup> (Greater than Depths of 4 ft)</b>					20,000	10	10	2,500	2500		NA

1. BTEX = Benzene, toluene, ethylbenzene, and total xylenes  
 2. TPH = Total petroleum hydrocarbons  
 3. New Mexico Administration Code (NMAC) Restoration, Reclamation and Re-vegetation (19.15.29.13), NMAC-D (Reclamation of Areas No Longer in Use) for  
 4. New Mexico Oil Conservation Division (NMOCD) Remediation and Delineation Standards (19.15.29.12) NMAC-N, 8/14/2018  
 ND = Constituent was not detected above the indicated laboratory sample detection limit (SDL).  
**Bold and Highlighted values exceed the NMOCD Reclamation and/or Remediation and Delineation Standards.**  
 In-situ = Sample is representative of material which remains in-place at the site.  
 Excavated = Sample is representative of materials which was excavated and disposed of at a permitted disposal facility.

Data Entry:	cfs
Reviewed By:	
 <b>Terracon</b> Explore with us	


**Table 2**  
**Soil Analytical Results Summary - (2025)**  
**Project Code: KH247029 - Ace Red Tanks**  
**NMOCD Reference No. nAPP2301947855**

Sample ID	Sample Date	Sample Depth (ft bgs)	Sample Type	Sample Status	Chloride (mg/Kg)	Benzene (mg/Kg)	Total BTEX <sup>1</sup> (mg/Kg)	Total TPH <sup>2</sup> (mg/Kg)	Gasoline Range Organics (C6-C10) (mg/Kg)	Diesel Range Organics (Over C10-C28) (mg/Kg)	Oil Range Organics (Over C28-C36) (mg/Kg)
					EPA Method 300	EPA Method 8021B	EPA Method 8021B	EPA Method 8015M	EPA Method 8015M	EPA Method 8015M	EPA Method 8015M
<b>Release Assessment</b>											
B-12	8/26/2025	0.5-1.0	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
		3.5-4.0	Grab	In-Situ	ND	ND	0.00232	ND	ND	ND	ND
		4.5-5.0	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
		6.0-6.5	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
B-13	8/26/2025	0.5-1.0	Grab	In-Situ	<b>718</b>	ND	ND	ND	ND	ND	ND
		3.5-4.0	Grab	In-Situ	<b>916</b>	ND	ND	ND	ND	ND	ND
		4.5-5.0	Grab	In-Situ	967	ND	ND	ND	ND	ND	ND
B-14	8/26/2025	0.5-1.0	Grab	In-Situ	10.5	ND	ND	ND	ND	ND	ND
		2.5-3.0	Grab	In-Situ	21.5	ND	ND	ND	ND	ND	ND
B-15	8/25/2025	0.5-1.0	Grab	In-Situ	ND	ND	0.00249	ND	ND	ND	ND
		3.5-4.0	Grab	In-Situ	44.4	ND	ND	ND	ND	ND	ND
B-16	8/25/2025	0.5-1.0	Grab	In-Situ	273	ND	ND	ND	ND	ND	ND
		3.5-4.0	Grab	In-Situ	29.2	ND	ND	ND	ND	ND	ND
		4.5-5.0	Grab	In-Situ	11.9	ND	ND	ND	ND	ND	ND
B-17	8/25/2025	0.5-1.0	Grab	In-Situ	<b>1,100</b>	ND	ND	ND	ND	ND	ND
		3.5-4.0	Grab	In-Situ	<b>609</b>	ND	ND	ND	ND	ND	ND
B-18	8/25/2025	0.5-1.0	Grab	In-Situ	67.2	ND	ND	ND	ND	ND	ND
		3.0-3.5	Grab	In-Situ	16.5	ND	ND	ND	ND	ND	ND
B-19	8/25/2025	0.5-1.0	Grab	In-Situ	138	ND	ND	ND	ND	ND	ND
		3.0-3.5	Grab	In-Situ	141	ND	ND	ND	ND	ND	ND
B-20	8/25/2025	0.5-1.0	Grab	In-Situ	17.9	ND	ND	ND	ND	ND	ND
		3.0-3.5	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
B-21	8/25/2025	0.5-1.0	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
		3.5-4.0	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
		4.5-5.0	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
B-22	8/25/2025	0.5-1.0	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
		3.5-4.0	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
		4.5-5.0	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
<b>NMOCD Reclamation Standards<sup>3</sup> (Surface to 4 ft bgs)</b>					600	10	10	100	100		NA
<b>NMOCD Remediation Standards<sup>4</sup> (Greater than Depths of 4 ft)</b>					20,000	10	10	2,500	2500		NA
1. BTEX = Benzene, toluene, ethylbenzene, and total xylenes 2. TPH = Total petroleum hydrocarbons 3. New Mexico Administration Code (NMAC) Restoration, Reclamation and Re-vegetation (19.15.29.13), NMAC-D (Reclamation of Areas No Longer in Use) for 4. New Mexico Oil Conservation Division (NMOCD) Remediation and Delineation Standards (19.15.29.12) NMAC-N, 8/14/2018 ND = Constituent was not detected above the indicated laboratory sample detection limit (SDL). <b>Bold and Highlighted values exceed the NMOCD Reclamation and/or Remediation and Delineation Standards.</b> In-situ = Sample is representative of material which remains in-place at the site. Excavated = Sample is representative of materials which was excavated and disposed of at a permitted disposal facility.									Data Entry:	cfs	
									Reviewed By:		
									 Explore with us		

**Table 2**  
**Soil Analytical Results Summary - (2025)**  
**Project Code: KH247029 - Ace Red Tanks**  
**NMOCD Reference No. nAPP2301947855**

Sample ID	Sample Date	Sample Depth (ft bgs)	Sample Type	Sample Status	Chloride (mg/Kg)	Benzene (mg/Kg)	Total BTEX <sup>1</sup> (mg/Kg)	Total TPH <sup>2</sup> (mg/Kg)	Gasoline Range Organics (C6-C10) (mg/Kg)	Diesel Range Organics (Over C10-C28) (mg/Kg)	Oil Range Organics (Over C28-C36) (mg/Kg)
					EPA Method 300	EPA Method 8021B	EPA Method 8021B	EPA Method 8015M	EPA Method 8015M	EPA Method 8015M	EPA Method 8015M
<b>Release Assessment</b>											
B-23	8/25/2025	0.5-1.0	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
		3.5-4.0	Grab	In-Situ	35.0	ND	ND	ND	ND	ND	ND
		5.5-6.0	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
B-24	8/25/2025	0.5-1.0	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
		3.5-4.0	Grab	In-Situ	ND	ND	ND	ND	ND	ND	ND
B-25	8/25/2025	0.5-1.0	Grab	In-Situ	12.9	ND	ND	<b>109</b>	ND	<b>109</b>	ND
		3.5-4.0	Grab	In-Situ	<b>708</b>	ND	ND	ND	ND	ND	ND
		4.5-5.0	Grab	In-Situ	3,640	ND	ND	ND	ND	ND	ND
B-26	8/25/2025	0.5-1.0	Grab	In-Situ	15.7	ND	ND	ND	ND	ND	ND
		3.5-4.0	Grab	In-Situ	224	ND	ND	ND	ND	ND	ND
<b>NMOCD Reclamation Standards<sup>3</sup> (Surface to 4 ft bgs)</b>					600	10	10	100	100		NA
<b>NMOCD Remediation Standards<sup>4</sup> (Greater than Depths of 4 ft)</b>					10,000	10	10	2,500	2500		NA

1. BTEX = Benzene, toluene, ethylbenzene, and total xylenes  
 2. TPH = Total petroleum hydrocarbons  
 3. New Mexico Administration Code (NMAC) Restoration, Reclamation and Re-vegetation (19.15.29.13), NMAC-D (Reclamation of Areas No Longer in Use) for  
 4. New Mexico Oil Conservation Division (NMOCD) Remediation and Delineation Standards (19.15.29.12) NMAC-N, 8/14/2018  
 ND = Constituent was not detected above the indicated laboratory sample detection limit (SDL).  
**Bold and Highlighted values exceed the NMOCD Reclamation and/or Remediation and Delineation Standards.**  
 In-situ = Sample is representative of material which remains in-place at the site.  
 Excavated = Sample is representative of materials which was excavated and disposed of at a permitted disposal facility.

Data Entry:	cfs
Reviewed By:	
	

## **EXHIBITS**

Exhibit 1 – Topographic Map

Exhibit 2 – Site Location Map

Exhibit 3 – NMOSE POD Location Map

Exhibit 4 – Designated Wetland Area Map

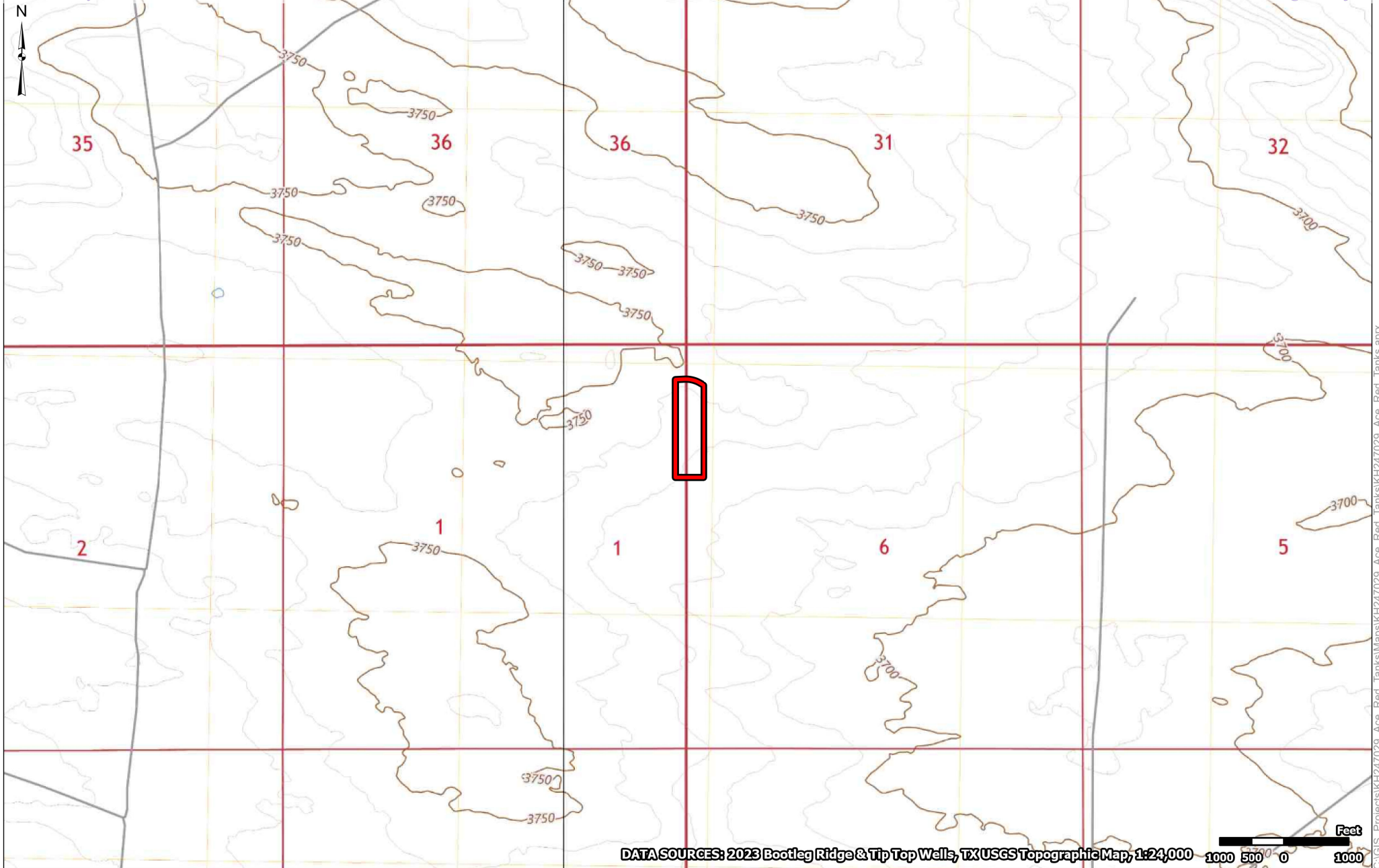
Exhibit 5 – Cave Karst UCP Map

Exhibit 6 – Delineation Sample Map (2024)

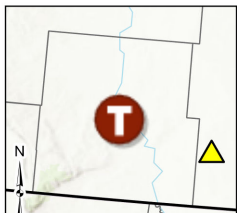
Exhibit 7 – Delineation Sample Map (2025)

Exhibit 8 – Boring Log

Exhibit 9 – Photographic Log




DATA SOURCES: 2023 Bootleg Ridge & Tip Top Wells, TX USGS Topographic Map, 1:24,000 1000 500 0 1000 Feet



 Site Boundary

Project No.: KH247029  
 Date: Aug 08 2024  
 Drawn By: JWJ  
 Reviewed By: JRG



4526 W Pierce St  
 Carlsbad, NM  
 PH. 806-300-0140 terracon.com

**Topographic Map**

Ace Water Transfer, Red Tanks  
 32.339152, -103.61978  
 Eunice, Lea County, New Mexico

**Exhibit**

**1**




Imagery: Bing Feet



Site Boundary

Project No.: KH247029  
 Date: Aug 09 2024  
 Drawn By: JWL  
 Reviewed By: JRG



4526 W Pierce St  
 Carlsbad, NM

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PH. 806-300-0140      terracon.com

**Site Location Map**

Ace Water Transfer, Red Tanks  
 32.339152, -103.61978  
 Eunice, Lea County, New Mexico

**Exhibit**

**2**

C:\GIS\Projects\KH247029 - Ace Red Tanks\Maps\KH247029 Ace Red Tanks\KH247029 Ace Red Tanks.aprx




Imagery: Bing Feet  
 300 150 0 300



- Site Boundary
- NMOSE POD Location

Project No.: KH247029  
 Date: Aug 08 2024  
 Drawn By: JWJ  
 Reviewed By: JRG



4526 W Pierce St  
 Carlsbad, NM

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PH. 806-300-0140      terracon.com

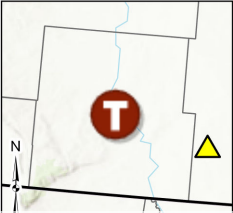
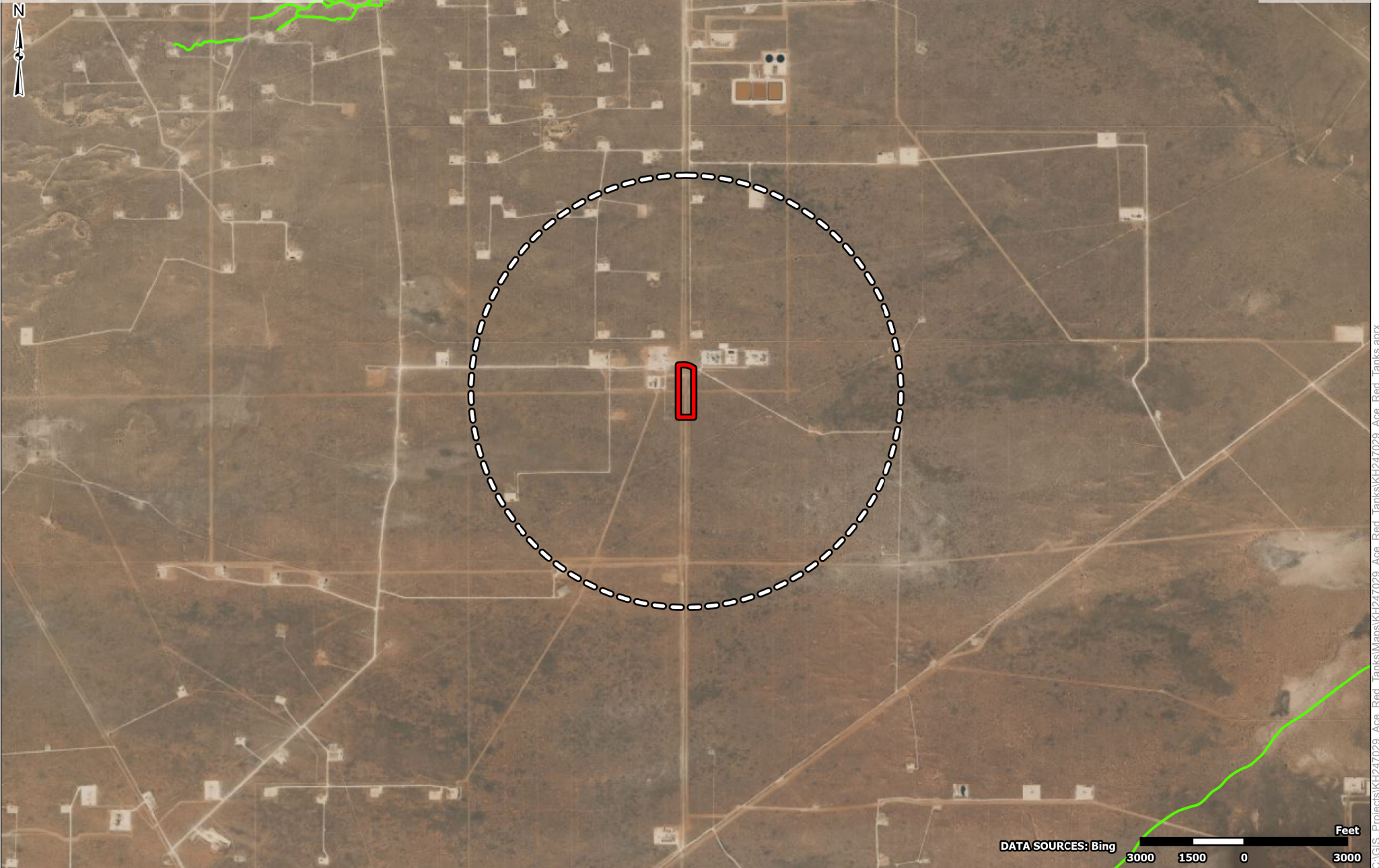
**NMOSE POD Location Map**




Ace Water Transfer, Red Tanks  
 32.339152, -103.61978  
 Eunice, Lea County, New Mexico

**Exhibit**

**3**

C:\GIS\Projects\KH247029 - Ace Red Tanks\Maps\KH247029 Ace Red Tanks\KH247029 Ace Red Tanks.aprx




-  Site Boundary
-  Riverine
-  1 Mile Radius

Project No.:  
KH247029

Date:  
Aug 08 2024

Drawn By:  
JWL

Reviewed By:  
JRG



4526 W Pierce St  
Carlsbad, NM

---

PH. 806-300-0140      terracon.com

**Designated Wetland Area Map**

Ace Water Transfer, Red Tanks  
32.339152, -103.61978  
Eunice, Lea County, New Mexico

**Exhibit**

**4**

C:\GIS\Projects\KH247029 - Ace Red Tanks\Maps\KH247029 Ace Red Tanks.aprx



DATA SOURCES: Bing

1000 500 0 1000 Feet



- Site Boundary
- Karst Potential
  - Low
  - Medium
  - High

Project No.: KH247029  
 Date: Aug 08 2024  
 Drawn By: JWL  
 Reviewed By: JRG

4526 W Pierce St  
 Carlsbad, NM

---

PH. 806-300-0140      terracon.com

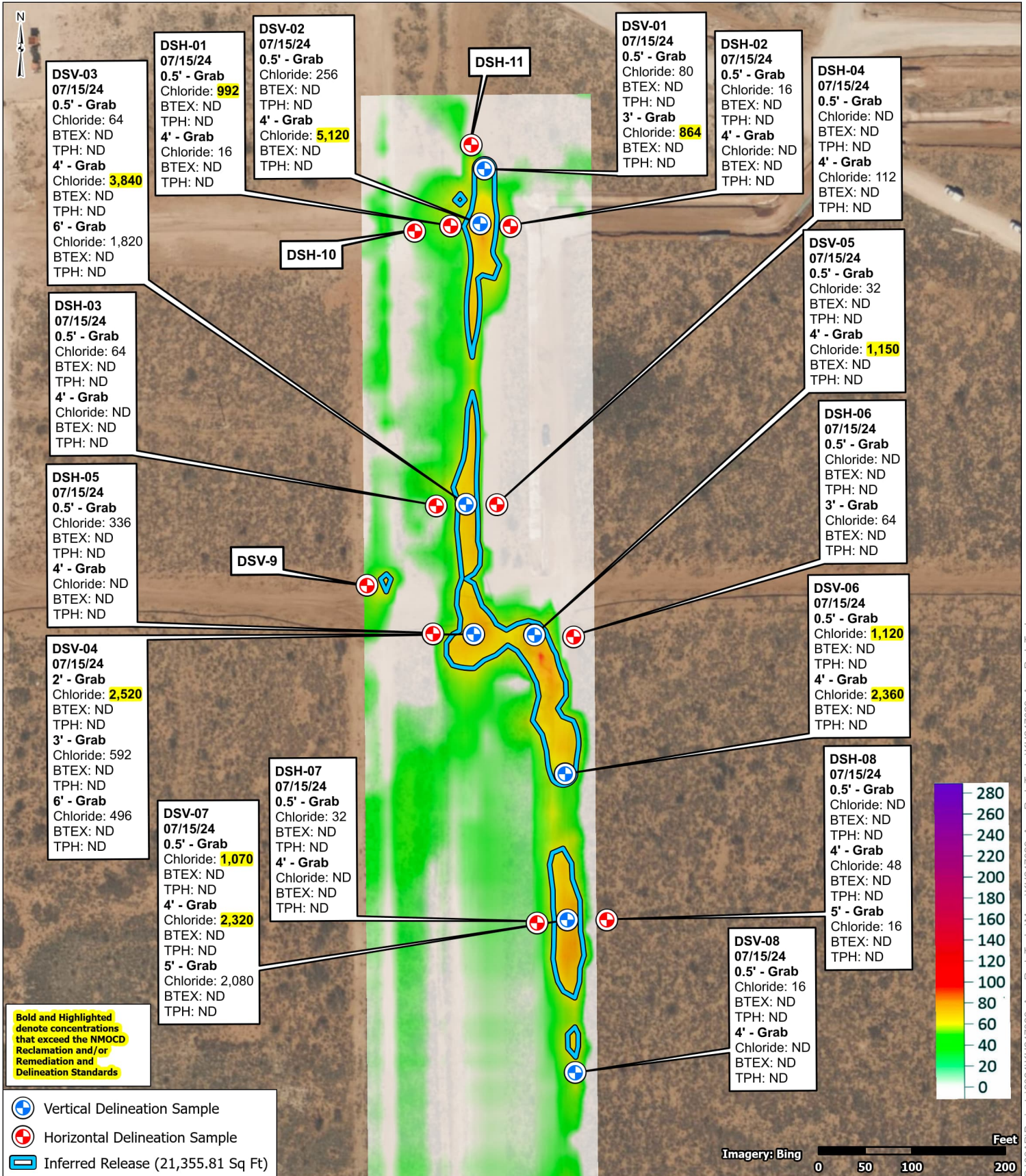
**Cave Karst Public UCP Map**

Ace Water Transfer, Red Tanks  
 32.339152, -103.61978  
 Eunice, Lea County, New Mexico

**Exhibit**

**5**

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Project No.: KH247029  
 Date: October 23 2025  
 Drawn By: JWJ  
 Reviewed By: JRG

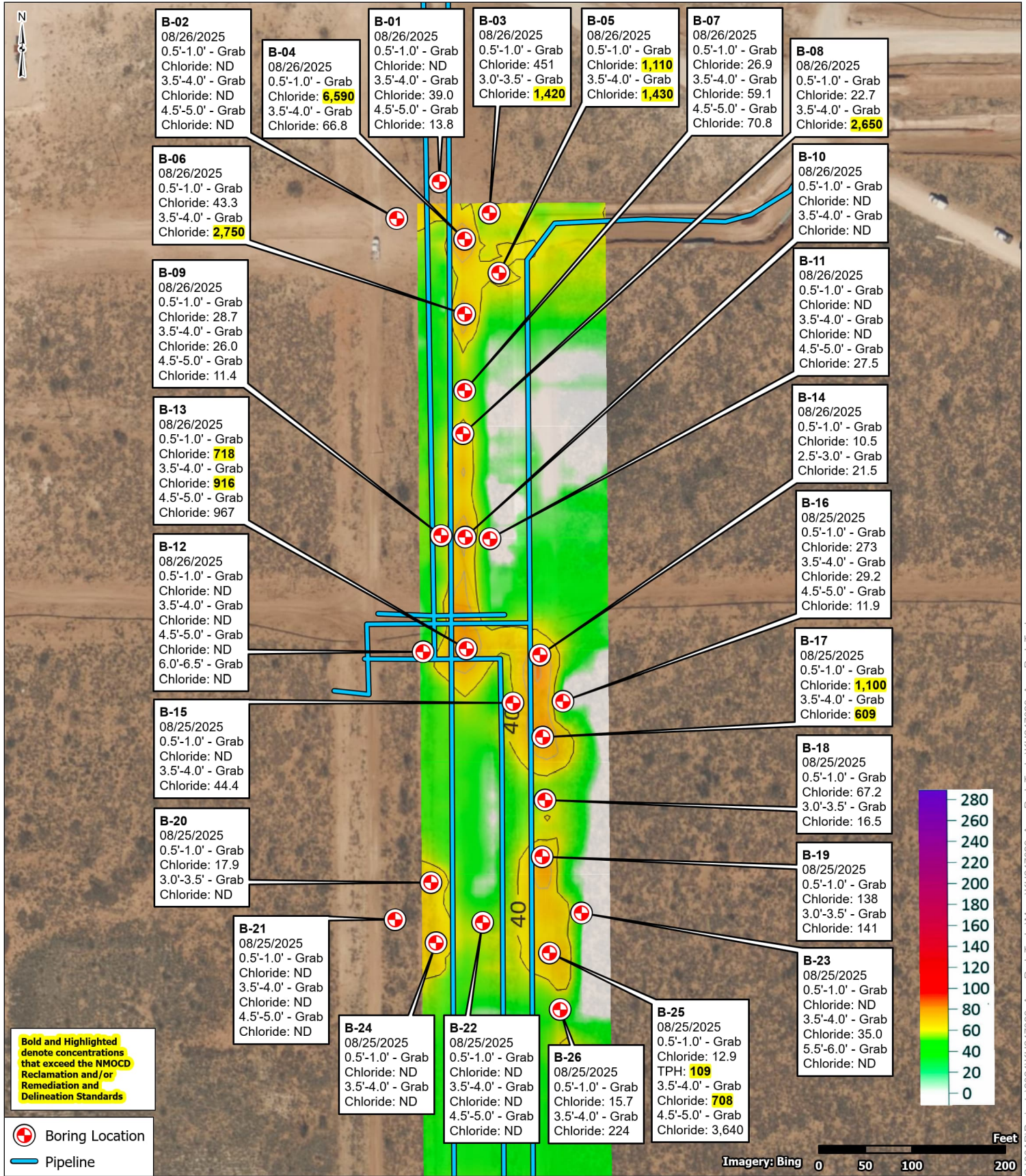
5847 50th St  
 Lubbock, TX  
 PH. 806-300-0140 terracon.com

**Delineation Sample Map (2024)**

Ace Water Transfer, Red Tanks  
 32.339152, -103.61978  
 Eunice, Lea County, New Mexico

**Exhibit**

**6**



Project No.: KH247029  
 Date: October 23 2025  
 Drawn By: JWJ  
 Reviewed By: JRG

5847 50th St  
 Lubbock, TX  
 PH. 806-300-0140 terracon.com

**Delineation Sample Map (2025)**  
 Ace Water Transfer, Red Tanks  
 32.339152, -103.61978  
 Eunice, Lea County, New Mexico

**Exhibit**  
**7**



# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

<b>1. GENERAL AND WELL LOCATION</b>	OSE POD NO. (WELL NO.) C-4965- POD1		WELL TAG ID NO.		OSE FILE NO(S). C-4965	
	WELL OWNER NAME(S) Solaris Water Midstream				PHONE (OPTIONAL)	
	WELL OWNER MAILING ADDRESS 3305 Boyd Drive				CITY Carlsbad	STATE ZIP NM 88220
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE	MINUTES 23	SECONDS 29.5	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND
	LONGITUDE	-103	37	11.2	W	* DATUM REQUIRED: WGS 84
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE						

<b>2. DRILLING &amp; CASING INFORMATION</b>	LICENSE NO. 1833	NAME OF LICENSED DRILLER Jason Maley			NAME OF WELL DRILLING COMPANY Vision Resources			
	DRILLING STARTED 6-18-25	DRILLING ENDED 6-18-25	DEPTH OF COMPLETED WELL (FT) 105'	BORE HOLE DEPTH (FT) 105'	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 0'	DATE STATIC MEASURED 6-18-25		
	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)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	95	6"	PVC 2" SCH40	Thread	2"	SCH40	N/A
	95	105	6"	PVC 2" SCH40	Thread	2"	SCH40	.02

<b>3. ANNULAR MATERIAL</b>	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
				None pulled and plugged		

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			





### Photo Log





### Photo Log





### Photo Log





### Photo Log





### Photo Log



## APPENDIX A – LABORATORY DATA PACKAGES



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

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July 17, 2024

TRAVIS CASEY  
TERRACON CONSULTANTS  
5827 50TH ST. SUITE 1  
LUBBOCK, TX 79424

RE: RED ACE

Enclosed are the results of analyses for samples received by the laboratory on 07/11/24 14:40.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSV - 6 0.5' (H244168-01)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2024	ND	2.07	104	2.00	6.59	
Toluene*	<0.050	0.050	07/15/2024	ND	2.26	113	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/15/2024	ND	2.31	116	2.00	3.56	
Total Xylenes*	<0.150	0.150	07/15/2024	ND	7.12	119	6.00	2.91	
Total BTEX	<0.300	0.300	07/15/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	07/15/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2024	ND	216	108	200	3.39	
DRO >C10-C28*	<10.0	10.0	07/13/2024	ND	221	111	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	07/13/2024	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSV - 6 4' (H244168-03)**

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	07/15/2024	ND	2.07	104	2.00	6.59	
Toluene*	<0.050	0.050	07/15/2024	ND	2.26	113	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/15/2024	ND	2.31	116	2.00	3.56	
Total Xylenes*	<0.150	0.150	07/15/2024	ND	7.12	119	6.00	2.91	
Total BTEX	<0.300	0.300	07/15/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2360	16.0	07/15/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	218	109	200	2.13	
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	212	106	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSV - 7 0.5' (H244168-04)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/15/2024	ND	2.07	104	2.00	6.59		
Toluene*	<0.050	0.050	07/15/2024	ND	2.26	113	2.00	4.58		
Ethylbenzene*	<0.050	0.050	07/15/2024	ND	2.31	116	2.00	3.56		
Total Xylenes*	<0.150	0.150	07/15/2024	ND	7.12	119	6.00	2.91		
Total BTEX	<0.300	0.300	07/15/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1070	16.0	07/15/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	218	109	200	2.13		
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	212	106	200	2.82		
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND						

Surrogate: 1-Chlorooctane 133 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSV - 7 4' (H244168-06)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2024	ND	2.07	104	2.00	6.59	
Toluene*	<0.050	0.050	07/15/2024	ND	2.26	113	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/15/2024	ND	2.31	116	2.00	3.56	
Total Xylenes*	<0.150	0.150	07/15/2024	ND	7.12	119	6.00	2.91	
Total BTEX	<0.300	0.300	07/15/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2320	16.0	07/15/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	218	109	200	2.13	
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	212	106	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND					

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSV - 7 5' (H244168-07)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2024	ND	2.07	104	2.00	6.59	
Toluene*	<0.050	0.050	07/15/2024	ND	2.26	113	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/15/2024	ND	2.31	116	2.00	3.56	
Total Xylenes*	<0.150	0.150	07/15/2024	ND	7.12	119	6.00	2.91	
Total BTEX	<0.300	0.300	07/15/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	07/15/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	218	109	200	2.13	
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	212	106	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSV - 8 0.5' (H244168-08)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/15/2024	ND	2.07	104	2.00	6.59		
Toluene*	<0.050	0.050	07/15/2024	ND	2.26	113	2.00	4.58		
Ethylbenzene*	<0.050	0.050	07/15/2024	ND	2.31	116	2.00	3.56		
Total Xylenes*	<0.150	0.150	07/15/2024	ND	7.12	119	6.00	2.91		
Total BTEX	<0.300	0.300	07/15/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/15/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	218	109	200	2.13		
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	212	106	200	2.82		
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND						

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSV - 8 4' (H244168-10)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2024	ND	2.07	104	2.00	6.59	
Toluene*	<0.050	0.050	07/15/2024	ND	2.26	113	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/15/2024	ND	2.31	116	2.00	3.56	
Total Xylenes*	<0.150	0.150	07/15/2024	ND	7.12	119	6.00	2.91	
Total BTEX	<0.300	0.300	07/15/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/15/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	218	109	200	2.13	
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	212	106	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSH - 1 0.5' (H244168-11)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2024	ND	2.07	104	2.00	6.59	
Toluene*	<0.050	0.050	07/15/2024	ND	2.26	113	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/15/2024	ND	2.31	116	2.00	3.56	
Total Xylenes*	<0.150	0.150	07/15/2024	ND	7.12	119	6.00	2.91	
Total BTEX	<0.300	0.300	07/15/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	07/15/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	218	109	200	2.13	
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	212	106	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND					

Surrogate: 1-Chlorooctane 132 % 48.2-134

Surrogate: 1-Chlorooctadecane 141 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSH - 1 4' (H244168-13)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2024	ND	2.07	104	2.00	6.59	
Toluene*	<0.050	0.050	07/15/2024	ND	2.26	113	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/15/2024	ND	2.31	116	2.00	3.56	
Total Xylenes*	<0.150	0.150	07/15/2024	ND	7.12	119	6.00	2.91	
Total BTEX	<0.300	0.300	07/15/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/15/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	218	109	200	2.13	
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	212	106	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND					

Surrogate: 1-Chlorooctane 134 % 48.2-134

Surrogate: 1-Chlorooctadecane 147 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSH - 2 0.5' (H244168-14)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2024	ND	2.07	104	2.00	6.59	
Toluene*	<0.050	0.050	07/15/2024	ND	2.26	113	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/15/2024	ND	2.31	116	2.00	3.56	
Total Xylenes*	<0.150	0.150	07/15/2024	ND	7.12	119	6.00	2.91	
Total BTEX	<0.300	0.300	07/15/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	07/15/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2024	ND	218	109	200	2.13	
DRO >C10-C28*	<10.0	10.0	07/16/2024	ND	212	106	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	07/16/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSH - 2 4' (H244168-16)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2024	ND	2.07	104	2.00	6.59	
Toluene*	<0.050	0.050	07/15/2024	ND	2.26	113	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/15/2024	ND	2.31	116	2.00	3.56	
Total Xylenes*	<0.150	0.150	07/15/2024	ND	7.12	119	6.00	2.91	
Total BTEX	<0.300	0.300	07/15/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/15/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	218	109	200	2.13	
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	212	106	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND					

Surrogate: 1-Chlorooctane 131 % 48.2-134

Surrogate: 1-Chlorooctadecane 140 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSH - 3 0.5' (H244168-17)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2024	ND	2.07	104	2.00	6.59	
Toluene*	<0.050	0.050	07/15/2024	ND	2.26	113	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/15/2024	ND	2.31	116	2.00	3.56	
Total Xylenes*	<0.150	0.150	07/15/2024	ND	7.12	119	6.00	2.91	
Total BTEX	<0.300	0.300	07/15/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>64.0</b>	16.0	07/15/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	218	109	200	2.13	
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	212	106	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSH - 3 4' (H244168-19)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2024	ND	2.07	104	2.00	6.59	
Toluene*	<0.050	0.050	07/15/2024	ND	2.26	113	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/15/2024	ND	2.31	116	2.00	3.56	
Total Xylenes*	<0.150	0.150	07/15/2024	ND	7.12	119	6.00	2.91	
Total BTEX	<0.300	0.300	07/15/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/15/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	218	109	200	2.13	
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	212	106	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSH - 4 0.5' (H244168-20)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2024	ND	2.07	104	2.00	6.59	
Toluene*	<0.050	0.050	07/15/2024	ND	2.26	113	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/15/2024	ND	2.31	116	2.00	3.56	
Total Xylenes*	<0.150	0.150	07/15/2024	ND	7.12	119	6.00	2.91	
Total BTEX	<0.300	0.300	07/15/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/15/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	218	109	200	2.13	
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	212	106	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND					

Surrogate: 1-Chlorooctane 132 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSH - 4 4' (H244168-22)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2024	ND	2.07	104	2.00	6.59	
Toluene*	<0.050	0.050	07/15/2024	ND	2.26	113	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/15/2024	ND	2.31	116	2.00	3.56	
Total Xylenes*	<0.150	0.150	07/15/2024	ND	7.12	119	6.00	2.91	
Total BTEX	<0.300	0.300	07/15/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/15/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	218	109	200	2.13	
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	212	106	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSH - 5 0.5' (H244168-23)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2024	ND	2.07	104	2.00	6.59	
Toluene*	<0.050	0.050	07/15/2024	ND	2.26	113	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/15/2024	ND	2.31	116	2.00	3.56	
Total Xylenes*	<0.150	0.150	07/15/2024	ND	7.12	119	6.00	2.91	
Total BTEX	<0.300	0.300	07/15/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	07/15/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	218	109	200	2.13	
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	212	106	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSH - 5 4' (H244168-25)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2024	ND	2.07	104	2.00	6.59	
Toluene*	<0.050	0.050	07/15/2024	ND	2.26	113	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/15/2024	ND	2.31	116	2.00	3.56	
Total Xylenes*	<0.150	0.150	07/15/2024	ND	7.12	119	6.00	2.91	
Total BTEX	<0.300	0.300	07/15/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/15/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	218	109	200	2.13	
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	212	106	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSH - 6 0.5' (H244168-26)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2024	ND	2.07	104	2.00	6.59	
Toluene*	<0.050	0.050	07/15/2024	ND	2.26	113	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/15/2024	ND	2.31	116	2.00	3.56	
Total Xylenes*	<0.150	0.150	07/15/2024	ND	7.12	119	6.00	2.91	
Total BTEX	<0.300	0.300	07/15/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/15/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	218	109	200	2.13	
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	212	106	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSH - 6 3' (H244168-28)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2024	ND	2.07	104	2.00	6.59	
Toluene*	<0.050	0.050	07/15/2024	ND	2.26	113	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/15/2024	ND	2.31	116	2.00	3.56	
Total Xylenes*	<0.150	0.150	07/15/2024	ND	7.12	119	6.00	2.91	
Total BTEX	<0.300	0.300	07/15/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/15/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	218	109	200	2.13	
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	212	106	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSH - 7 0.5' (H244168-29)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/15/2024	ND	2.07	104	2.00	6.59		
Toluene*	<0.050	0.050	07/15/2024	ND	2.26	113	2.00	4.58		
Ethylbenzene*	<0.050	0.050	07/15/2024	ND	2.31	116	2.00	3.56		
Total Xylenes*	<0.150	0.150	07/15/2024	ND	7.12	119	6.00	2.91		
Total BTEX	<0.300	0.300	07/15/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/15/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	218	109	200	2.13		
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	212	106	200	2.82		
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND						

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSH - 7 4' (H244168-31)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/13/2024	ND	2.23	112	2.00	2.81		
Toluene*	<0.050	0.050	07/13/2024	ND	2.25	113	2.00	1.32		
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.38	119	2.00	0.336		
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.27	121	6.00	0.249		
Total BTEX	<0.300	0.300	07/13/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/15/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	218	109	200	2.13		
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	212	106	200	2.82		
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND						

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSH - 8 0.5' (H244168-32)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2024	ND	2.23	112	2.00	2.81	
Toluene*	<0.050	0.050	07/13/2024	ND	2.25	113	2.00	1.32	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.38	119	2.00	0.336	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.27	121	6.00	0.249	
Total BTEX	<0.300	0.300	07/13/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/15/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	225	112	200	3.90	
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	200	99.8	200	5.88	
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSH - 8 4' (H244168-34)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2024	ND	2.23	112	2.00	2.81	
Toluene*	<0.050	0.050	07/13/2024	ND	2.25	113	2.00	1.32	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.38	119	2.00	0.336	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.27	121	6.00	0.249	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/15/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	225	112	200	3.90	
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	200	99.8	200	5.88	
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSV - 1 0.5' (H244168-35)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/13/2024	ND	2.23	112	2.00	2.81		
Toluene*	<0.050	0.050	07/13/2024	ND	2.25	113	2.00	1.32		
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.38	119	2.00	0.336		
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.27	121	6.00	0.249		
Total BTEX	<0.300	0.300	07/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	07/15/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	225	112	200	3.90		
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	200	99.8	200	5.88		
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND						

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSV - 1 3' (H244168-37)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/13/2024	ND	2.23	112	2.00	2.81		
Toluene*	<0.050	0.050	07/13/2024	ND	2.25	113	2.00	1.32		
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.38	119	2.00	0.336		
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.27	121	6.00	0.249		
Total BTEX	<0.300	0.300	07/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>864</b>	16.0	07/15/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	225	112	200	3.90		
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	200	99.8	200	5.88		
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND						

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSV - 2 0.5' (H244168-38)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/13/2024	ND	2.23	112	2.00	2.81		
Toluene*	<0.050	0.050	07/13/2024	ND	2.25	113	2.00	1.32		
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.38	119	2.00	0.336		
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.27	121	6.00	0.249		
Total BTEX	<0.300	0.300	07/13/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	07/15/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	225	112	200	3.90		
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	200	99.8	200	5.88		
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND						

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSV - 2 4' (H244168-40)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/13/2024	ND	2.23	112	2.00	2.81		
Toluene*	<0.050	0.050	07/13/2024	ND	2.25	113	2.00	1.32		
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.38	119	2.00	0.336		
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.27	121	6.00	0.249		
Total BTEX	<0.300	0.300	07/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>5120</b>	16.0	07/15/2024	ND	416	104	400	7.41	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	225	112	200	3.90		
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	200	99.8	200	5.88		
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND						

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSV - 3 0.5' (H244168-41)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/13/2024	ND	2.23	112	2.00	2.81		
Toluene*	<0.050	0.050	07/13/2024	ND	2.25	113	2.00	1.32		
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.38	119	2.00	0.336		
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.27	121	6.00	0.249		
Total BTEX	<0.300	0.300	07/13/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/15/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	225	112	200	3.90		
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	200	99.8	200	5.88		
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND						

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSV - 3 4' (H244168-43)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2024	ND	2.23	112	2.00	2.81	
Toluene*	<0.050	0.050	07/13/2024	ND	2.25	113	2.00	1.32	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.38	119	2.00	0.336	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.27	121	6.00	0.249	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3840	16.0	07/15/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	225	112	200	3.90	
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	200	99.8	200	5.88	
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSV - 3 6' (H244168-44)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2024	ND	2.23	112	2.00	2.81	
Toluene*	<0.050	0.050	07/13/2024	ND	2.25	113	2.00	1.32	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.38	119	2.00	0.336	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.27	121	6.00	0.249	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1820	16.0	07/15/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	225	112	200	3.90	
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	200	99.8	200	5.88	
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSV - 4 2' (H244168-45)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2024	ND	2.23	112	2.00	2.81	
Toluene*	<0.050	0.050	07/13/2024	ND	2.25	113	2.00	1.32	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.38	119	2.00	0.336	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.27	121	6.00	0.249	
Total BTEX	<0.300	0.300	07/13/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2520	16.0	07/15/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	225	112	200	3.90	
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	200	99.8	200	5.88	
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 141 % 49.1-148

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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSV - 4 4' (H244168-46)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2024	ND	2.23	112	2.00	2.81	
Toluene*	<0.050	0.050	07/13/2024	ND	2.25	113	2.00	1.32	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.38	119	2.00	0.336	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.27	121	6.00	0.249	
Total BTEX	<0.300	0.300	07/13/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	07/15/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	225	112	200	3.90	
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	200	99.8	200	5.88	
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSV - 4 6' (H244168-47)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/13/2024	ND	2.23	112	2.00	2.81		
Toluene*	<0.050	0.050	07/13/2024	ND	2.25	113	2.00	1.32		
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.38	119	2.00	0.336		
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.27	121	6.00	0.249		
Total BTEX	<0.300	0.300	07/13/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	496	16.0	07/15/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	225	112	200	3.90		
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	200	99.8	200	5.88		
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSV - 5 0.5' (H244168-48)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/13/2024	ND	2.23	112	2.00	2.81		
Toluene*	<0.050	0.050	07/13/2024	ND	2.25	113	2.00	1.32		
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.38	119	2.00	0.336		
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.27	121	6.00	0.249		
Total BTEX	<0.300	0.300	07/13/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/15/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	225	112	200	3.90		
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	200	99.8	200	5.88		
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND						

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSV - 5 4' (H244168-50)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2024	ND	1.94	96.8	2.00	0.315	
Toluene*	<0.050	0.050	07/15/2024	ND	1.96	98.1	2.00	0.546	
Ethylbenzene*	<0.050	0.050	07/15/2024	ND	2.09	105	2.00	0.456	
Total Xylenes*	<0.150	0.150	07/15/2024	ND	6.16	103	6.00	0.576	
Total BTEX	<0.300	0.300	07/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	07/15/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	225	112	200	3.90	
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	200	99.8	200	5.88	
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TERRACON CONSULTANTS  
 TRAVIS CASEY  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	07/11/2024	Sampling Date:	07/10/2024
Reported:	07/17/2024	Sampling Type:	Soil
Project Name:	RED ACE	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS - LEA CO		

**Sample ID: DSV - 8 5' (H244168-51)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2024	ND	1.94	96.8	2.00	0.315	
Toluene*	<0.050	0.050	07/15/2024	ND	1.96	98.1	2.00	0.546	
Ethylbenzene*	<0.050	0.050	07/15/2024	ND	2.09	105	2.00	0.456	
Total Xylenes*	<0.150	0.150	07/15/2024	ND	6.16	103	6.00	0.576	
Total BTEX	<0.300	0.300	07/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/15/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/15/2024	ND	225	112	200	3.90	
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	200	99.8	200	5.88	
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: Terracon  
 Project Manager: Travis Casey  
 Address: 4526 W. Pierce Street  
 City: Carlsbad State: NM Zip: 88220  
 Phone #: 5756895949 Fax #: \_\_\_\_\_  
 Project #: KH247029 Project Owner: Solaris  
 Project Name: Red Ace  
 Project Location: Lea  
 Sampler Name: Becky Sue Meadows *ad Gus*  
 FOR LAB USE ONLY

Lab I.D.	Sample I.D.	Depth		(G)RAB OR (C)O	# CONTAINERS	MATRIX							PRESERV.	SAMPLING	DATE	TIME	ANALYS REQUEST			
		Start	End			GROUNDWAT	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					ICE / COOL	OTHER :	Chloride (EPA Method4500)	TPH Extended 8015
<i>H244168</i>		0.5	G	1	X												X	X	X	
		2	G	1	X												X	X	X	
		4	G	1	X												X	X	X	
		0.5	G	1	X												X	X	X	
		2	G	1	X												X	X	X	
		4	G	1	X												X	X	X	
		5	G	1	X												X	X	X	
		0.5	G	1	X												X	X	X	
		2	G	1	X												X	X	X	
		4	G	1	X												X	X	X	

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Relinquished By: *[Signature]* Date: 7-11-24  
 Received By: *[Signature]* Date: 7-11-24  
 Time: 1440  
 Observed Temp. °C: -1.4  
 Corrected Temp. °C: #1440  
 Sample Condition:  Cool  Initial  Yes  No  
 CHECKED BY: *[Signature]*  
 Turnaround Time: Standard  Rush   
 Bacteria (only) Sample Condition:  Cool  Observed Temp. °C  
 Yes  No  Corrected Temp. °C  
 Thermometer ID: #1440  
 Correction Factor: \_\_\_\_\_  
 Verbal Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
 All Results are emailed. Please provide Email address: \_\_\_\_\_  
 REMARKS: \_\_\_\_\_  
 f Cardinal cannot accept verbal changes. Please email changes to caley.keene@cardinallabsnm.com











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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: <u>Termacon</u> Project Manager: _____		P.O. #: _____ Company: _____	
Address: _____ City: _____ State: _____ Zip: _____		Attn: _____ Address: _____ City: _____ State: _____ Zip: _____	
Phone #: _____ Fax #: _____ Project #: <u>KH247029</u> Project Owner: _____		State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Project Name: <u>Red Ace</u> Project Location: _____		Project Location: _____	
Sampler Name: <u>BSM + GS</u>		P.O. #: _____	
FOR LAB USE ONLY		P.O. #: _____	
Lab I.D. <u>H244168</u> Sample I.D. <u>DSV-8-S</u>	(G)RAB OR (C)OMP. <u>G1</u> # CONTAINERS _____ GROUNDWATER _____ WASTEWATER _____ SOIL <input checked="" type="checkbox"/> OIL _____ SLUDGE _____ OTHER: _____ ACID/BASE: _____ ICE / COOL <input checked="" type="checkbox"/> OTHER: _____	MATRIX _____ PRESERV. _____ SAMPLING _____	DATE <u>7-10-24</u> TIME <u>15:28</u> CL <input checked="" type="checkbox"/> BTEX <input checked="" type="checkbox"/> TPH <input checked="" type="checkbox"/>
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits, incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.			
Relinquished By: _____ Date: <u>7-11-24</u> Time: <u>14:40</u> Received By: <u>Yamara de la Cruz</u> Date: _____ Time: _____		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____	
Delivered By: (Circle One) <u>UPS</u> Corrected Temp. °C <u>-1.4</u> Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Checked By: <u>YB</u>		Turnaround Time: _____ Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #140 <input type="checkbox"/> Correction Factor 0°C <input type="checkbox"/> Bacteria (only) Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Observed Temp. °C _____ Corrected Temp. °C _____	

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



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

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August 08, 2024

JOSEPH GUESNIER  
TERRACON CONSULTANTS  
5827 50TH ST. SUITE 1  
LUBBOCK, TX 79424

RE: ACE RED TANK

Enclosed are the results of analyses for samples received by the laboratory on 08/06/24 11:06.

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

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

TERRACON CONSULTANTS  
 JOSEPH GUESNIER  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	08/06/2024	Sampling Date:	08/05/2024
Reported:	08/08/2024	Sampling Type:	Soil
Project Name:	ACE RED TANK	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS MIDSTREAM - LEA CO NM		

**Sample ID: DSV - 1 4' (H244716-01)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	2.17	
Toluene*	<0.050	0.050	08/07/2024	ND	2.56	128	2.00	4.30	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.72	136	2.00	6.03	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	8.06	134	6.00	5.74	
Total BTEX	<0.300	0.300	08/07/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/07/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2024	ND	221	110	200	0.686	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	208	104	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TERRACON CONSULTANTS  
 JOSEPH GUESNIER  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	08/06/2024	Sampling Date:	08/05/2024
Reported:	08/08/2024	Sampling Type:	Soil
Project Name:	ACE RED TANK	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS MIDSTREAM - LEA CO NM		

**Sample ID: DSV - 2 8' (H244716-02)**

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	08/07/2024	ND	2.42	121	2.00	2.17	
Toluene*	<0.050	0.050	08/07/2024	ND	2.56	128	2.00	4.30	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.72	136	2.00	6.03	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	8.06	134	6.00	5.74	
Total BTEX	<0.300	0.300	08/07/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/07/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2024	ND	221	110	200	0.686	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	208	104	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TERRACON CONSULTANTS  
 JOSEPH GUESNIER  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	08/06/2024	Sampling Date:	08/05/2024
Reported:	08/08/2024	Sampling Type:	Soil
Project Name:	ACE RED TANK	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS MIDSTREAM - LEA CO NM		

**Sample ID: DSV - 3 8' (H244716-03)**

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	08/07/2024	ND	2.42	121	2.00	2.17		
Toluene*	<0.050	0.050	08/07/2024	ND	2.56	128	2.00	4.30		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.72	136	2.00	6.03		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	8.06	134	6.00	5.74		
Total BTEX	<0.300	0.300	08/07/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/07/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/07/2024	ND	221	110	200	0.686		
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	208	104	200	1.61		
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND						

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TERRACON CONSULTANTS  
 JOSEPH GUESNIER  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	08/06/2024	Sampling Date:	08/05/2024
Reported:	08/08/2024	Sampling Type:	Soil
Project Name:	ACE RED TANK	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS MIDSTREAM - LEA CO NM		

**Sample ID: DSV - 5 6' (H244716-04)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	2.17	
Toluene*	<0.050	0.050	08/07/2024	ND	2.56	128	2.00	4.30	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.72	136	2.00	6.03	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	8.06	134	6.00	5.74	
Total BTEX	<0.300	0.300	08/07/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/07/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2024	ND	221	110	200	0.686	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	208	104	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TERRACON CONSULTANTS  
 JOSEPH GUESNIER  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	08/06/2024	Sampling Date:	08/05/2024
Reported:	08/08/2024	Sampling Type:	Soil
Project Name:	ACE RED TANK	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS MIDSTREAM - LEA CO NM		

**Sample ID: DSV - 6 4.5' (H244716-05)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	2.17		
Toluene*	<0.050	0.050	08/07/2024	ND	2.56	128	2.00	4.30		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.72	136	2.00	6.03		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	8.06	134	6.00	5.74		
Total BTEX	<0.300	0.300	08/07/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/07/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/07/2024	ND	221	110	200	0.686		
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	208	104	200	1.61		
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND						

Surrogate: 1-Chlorooctane 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TERRACON CONSULTANTS  
 JOSEPH GUESNIER  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	08/06/2024	Sampling Date:	08/05/2024
Reported:	08/08/2024	Sampling Type:	Soil
Project Name:	ACE RED TANK	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS MIDSTREAM - LEA CO NM		

**Sample ID: DSV - 7 6.5' (H244716-06)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	2.17		
Toluene*	<0.050	0.050	08/07/2024	ND	2.56	128	2.00	4.30		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.72	136	2.00	6.03		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	8.06	134	6.00	5.74		
Total BTEX	<0.300	0.300	08/07/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/07/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/07/2024	ND	221	110	200	0.686		
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	208	104	200	1.61		
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND						

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.7 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TERRACON CONSULTANTS  
 JOSEPH GUESNIER  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	08/06/2024	Sampling Date:	08/05/2024
Reported:	08/08/2024	Sampling Type:	Soil
Project Name:	ACE RED TANK	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS MIDSTREAM - LEA CO NM		

**Sample ID: DSH - 9 3' (H244716-07)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	2.17	
Toluene*	<0.050	0.050	08/07/2024	ND	2.56	128	2.00	4.30	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.72	136	2.00	6.03	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	8.06	134	6.00	5.74	
Total BTEX	<0.300	0.300	08/07/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/07/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2024	ND	221	110	200	0.686	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	208	104	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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**Analytical Results For:**

TERRACON CONSULTANTS  
 JOSEPH GUESNIER  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	08/06/2024	Sampling Date:	08/05/2024
Reported:	08/08/2024	Sampling Type:	Soil
Project Name:	ACE RED TANK	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS MIDSTREAM - LEA CO NM		

**Sample ID: DSH - 10 3' (H244716-08)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	2.17	
Toluene*	<0.050	0.050	08/07/2024	ND	2.56	128	2.00	4.30	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.72	136	2.00	6.03	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	8.06	134	6.00	5.74	
Total BTEX	<0.300	0.300	08/07/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/07/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2024	ND	221	110	200	0.686	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	208	104	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 49.1-148

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**Analytical Results For:**

TERRACON CONSULTANTS  
 JOSEPH GUESNIER  
 5827 50TH ST. SUITE 1  
 LUBBOCK TX, 79424  
 Fax To:

Received:	08/06/2024	Sampling Date:	08/05/2024
Reported:	08/08/2024	Sampling Type:	Soil
Project Name:	ACE RED TANK	Sampling Condition:	Cool & Intact
Project Number:	KH247029	Sample Received By:	Tamara Oldaker
Project Location:	SOLARIS MIDSTREAM - LEA CO NM		

**Sample ID: DSH - 11 3' (H244716-09)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	2.17	
Toluene*	<0.050	0.050	08/07/2024	ND	2.56	128	2.00	4.30	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.72	136	2.00	6.03	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	8.06	134	6.00	5.74	
Total BTEX	<0.300	0.300	08/07/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/07/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2024	ND	221	110	200	0.686	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	208	104	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

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Notes and Definitions

- BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
BS1 Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Terracon		P.O. #:		BILL TO:		ANALYSIS REQUEST										
Project Manager: Joseph Guenier		Company: Solaris Midstream														
Address: 4526 W. Perice Street		Attn: Rob Kirk														
City: Carlsbad		Address:														
State: NM Zip: 88220																
Phone #: 575-689-5949		City:														
Project #: KH247029		State:														
Project Name: Ace Red Tank		Phone #:														
Project Location: Lea County		Fax #:														
Sampler Name: Gus Sanchez																
FOR LAB USE ONLY																
Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	Chloride (EPA Method 4500)	TPH Extended 8015	BTEX (EPA Method 8021B)				
HA44716		1	DSV-1	4	G	X	X	8/5/2024	15:37	X	X	X				
		2	DSV-2	8	G	X	X	8/5/2024	14:52	X	X	X				
		3	DSV-3	8	G	X	X	8/5/2024	13:57	X	X	X				
		4	DSV-4	6	G	X	X	8/5/2024	12:47	X	X	X				
		5	DSV-5	4.5	G	X	X	8/5/2024	11:51	X	X	X				
		6	DSV-6	6.5	G	X	X	8/5/2024	11:13	X	X	X				
		7	DSV-7	3	G	X	X	8/5/2024	15:22	X	X	X				
		8	DSH-9	3	G	X	X	8/5/2024	13:10	X	X	X				
		9	DSH-10	3	G	X	X	8/5/2024	13:02	X	X	X				
			DSH-11	3	G	X	X	8/5/2024	13:02	X	X	X				

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Relinquished By: *[Signature]* Date: 8-6-24  
 Received By: *[Signature]* Date: 8-6-24  
 Time: 11:06

Delivered By: (Circle One) - Bus - Other: - UPS - Other: -  
 Observed Temp. °C: -03  
 Corrected Temp. °C: -0.9  
 Sample Condition: Cool Intact  
 Checked By: (Initials) *[Signature]*  
 Turnaround Time: Standard  
 Bacteria (only) Sample Condition: Cool  
 Observed Temp. °C: *[Blank]*  
 Corrected Temp. °C: *[Blank]*

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com  
 Verbal Result:  Yes  No Add'l Phone #: *[Blank]*  
 All Results are emailed. Please provide Email address: *[Blank]*  
 REMARKS: joseph.guenier@terracon.com; travis.cassey@terracon.com; chnick.smith@terracon.com; becky.sue.miller@terracon.com; gus.sanchez@terracon.com  
 Thermometer ID #440  
 Correction Factor: -0.6°C  
 Rush  *[Signature]*  
 Cool  Yes  No  
 Observed Temp. °C: *[Blank]*  
 Corrected Temp. °C: *[Blank]*

## APPENDIX B – TERRACON'S Standard of Care, Limitations and Reliance

### Standard of Care

Terracon's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time. Terracon makes no warranties, express or implied, regarding the findings, conclusions, or recommendations. Terracon does not warrant the work of laboratories, regulatory agencies, or other third parties supplying information used in the preparation of the report. These LSI services were performed in accordance with the scope of work agreed with you, our client, as reflected in our proposal and were not intended to be in strict conformance with ASTM E1903-19.

### Additional Scope Limitations

Findings, conclusions, and recommendations resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of work; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, nondetectable, or not present during these services. We cannot represent that the site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this LSI. Subsurface conditions may vary from those encountered at specific borings or wells or during other surveys, tests, assessments, investigations, or exploratory services. The data, interpretations, findings, and our recommendations are based solely upon data obtained at the time and within the scope of these services.

### Reliance

This report has been prepared for the exclusive use of Solaris Water Midstream, LLC. (the Client), and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the site) is prohibited without the express written authorization of the Client and Terracon. Any unauthorized distribution or reuse is at the Client's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions, and limitations stated in the proposal, LSI report, and Master Services Agreement Task Order. The limitation of liability defined in the terms and conditions of the Master Services Agreement Task Order is the aggregate limit of Terracon's liability to the Client and all relying parties unless otherwise agreed in writing.

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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 580880

**QUESTIONS**

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 580880
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2301947855
Incident Name	NAPP2301947855 ACE WATER TRANSFER RED TANKS @ L-06-23S-33E 300N 20W
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	ACE WATER TRANSFER RED TANKS
Date Release Discovered	01/17/2023
Surface Owner	State

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

<b>Nature and Volume of Release</b>	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Human Error   Pipeline (Any)   Produced Water   Released: 305 BBL   Recovered: 0 BBL   Lost: 305 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)	Ace Water Transfer caused the release. Once it was determined whether Matador or Solaris should report the release, it was entered into the OCD Portal.

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

QUESTIONS, Page 2

Action 580880

**QUESTIONS (continued)**

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 580880
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

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

**Initial Response**

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

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

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

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

I hereby agree and sign off to the above statement	Name: Matthew Green Title: Environmental Advisor Email: Matthew.Green@westernmidstream.com Date: 04/30/2026
--	--

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

QUESTIONS, Page 3

Action 580880

**QUESTIONS (continued)**

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 580880
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

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

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	6590
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	109
GRO+DRO (EPA SW-846 Method 8015M)	109
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	06/01/2026
On what date will (or did) the final sampling or liner inspection occur	06/15/2026
On what date will (or was) the remediation complete(d)	07/31/2026
What is the estimated surface area (in square feet) that will be reclaimed	21355
What is the estimated volume (in cubic yards) that will be reclaimed	2000
What is the estimated surface area (in square feet) that will be remediated	21355
What is the estimated volume (in cubic yards) that will be remediated	2000

*These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed. The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.*

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

QUESTIONS, Page 4

Action 580880

**QUESTIONS (continued)**

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 580880
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

**Remediation Plan (continued)**

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

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)

(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Yes
What is the name of the NMED facility	Lea Land Disposal Facility
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Matthew Green Title: Environmental Advisor Email: Matthew.Green@westernmidstream.com Date: 04/30/2026
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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

General Information  
Phone: (505) 629-6116

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

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QUESTIONS, Page 5

Action 580880

**QUESTIONS (continued)**

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 580880
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

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

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QUESTIONS, Page 6

Action 580880

**QUESTIONS (continued)**

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 580880
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

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

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

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CONDITIONS

Action 580880

**CONDITIONS**

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 580880
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**CONDITIONS**

Created By	Condition	Condition Date
nvez	The remediation plan is approved as written. COG has 90-days (September 14, 2026) to submit to OCD its appropriate or final remediation closure report.	6/16/2026