



Remediation Summary and Closure Request

Murchison Oil & Gas, LLC

Ogden State #4

Eddy County, New Mexico

Unit Letter "P", Section 2, Township 25 South, Range 26 East

Latitude 32.153883 North, Longitude 104.259282 West

NMOCD Incident # nAPP2424335058

Prepared For:

Murchison Oil & Gas
5325 Sierra Vista
Carlsbad, NM 88230

Prepared By:

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January 2025

A handwritten signature in black ink, appearing to read "Daniel Dominguez", is written over a horizontal line.

Daniel Dominguez
Environmental Director
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HUNGRY HORSE, LLC

The following *Remediation Summary and Closure Request* serves as a condensed update on field activities undertaken at the afore referenced Site.

Background:

The site is located in Unit Letter P (SE/SE), Section 2, Township 25 South, Range 26 East, approximately seven miles East of Whites City, in Eddy County, New Mexico. The property is located on New Mexico State Trust Land. Topographic Map, OSE POD Locations Map, and USGS Well Locations Map are included as Figure 1, Figure 2, and Figure 3, respectively.

The area of interest is located just North of an active well pad; Latitude 32.153883 North, Longitude 104.259282 West. The Area of Interest was first identified by the NMSLO in June of 2024, as an area of little to no vegetative growth with signs of potential chloride impacts. Subsequently an NMOCD Notification of Release Form was submitted on August 30, 2024, indicating the possibility of a historic release in the area. Previously submitted NMOCD Notification of Release Form are available on the NMOCD Permitting Portal.

NMOCD Site Classification:

A search of the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) groundwater databases was completed in an effort to determine the horizontal distance to known water sources within a half mile radius of the Release Site. Approximate depth to groundwater was determined using maintained and published water well data. Karst mapping indicates the site is located in a Gypsum Karst designated area. Depth to groundwater information is provided as Attachment III and the results are depicted on Figures 2 and 3.

No water wells were located within a half mile of the site. On 8/23/2023, a sampling bore hole, SB-1, was installed approximately 1,200 feet west of the area of concern. The bore was drilled to 106 feet bgs; no groundwater was encountered at any point. Soil boring log is provided in Attachment VII. However, as the site is located in a Gypsum Karst designated area, the site will be remediated according to the strictest NMOCD Closure Criteria. Utilizing this information, the NMOCD Closure Criteria for the Site were determined as follows:

Depth to Groundwater	Constituent	Method	Limit
>106'	Chloride	EPA 300.0 or SM4500 CLB	600 mg/kg
	TPH (GRO + DRO + MRO)	EPA SW-846 Method 8015M Ext	100 mg/kg
	BTEX	EPA SW-846 Methods 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Methods 8021B or 8260B	10 mg/kg

A United States Department of Agriculture (USDA) Web Soil Survey was completed to determine soil types in the area of remediation. Web Soil Survey indicates the area is located in the Reeves-Gypsum land complex comprised of loam and clay loam soils with 0 to 3 percent slopes. The affected area located off pad will be seeded with NMSLO Gypsum Sites Seed Mixture after reclamation activities are complete. Karst, Wetland, and Soil Maps are provided as Attachment I.



Delineation and Remediation Activities:

On October 16, 2024, a Site Assessment and Remediation Work Plan was submitted to NMOCD for approval. On October 16, 2024, the Work Plan was approved with conditions. NMOCD Correspondence provided as Attachment II. Previously submitted pages of the approved Site Assessment and Remediation Work Plan are available on the NMOCD Permitting Portal.

On October 21, 2024 excavation activities commenced according to the NMOCD approved Work Plan. Excavated contaminated soil was temporarily stockpiled onsite, within the excavated area, before transport to an NMOCD approved disposal facility. On December 9, 2024, Hungry Horse, LLC notified NMOCD that closure samples would be collected from Area 1 on December 12, 2024. NMOCD Correspondence is provided as Attachment II.

On December 12, 2024, one hundred seventy-eight composite confirmation soil samples were collected from the excavation floor and sidewalls, with each sample representing no more than 200 square feet. Soil samples FL1 through FL142 and SW1 through SW36, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

Excavation activities continued throughout the area of concern. On December 16, 2024, Hungry Horse, LLC notified NMOCD that closure samples would be collected from Area 2 on December 18, 2024. NMOCD Correspondence is provided as Attachment II.

On December 18, 2024, one hundred sixty-four composite confirmation soil samples were collected from the excavation floor and sidewalls, with each sample representing no more than 200 square feet. Soil samples FL143 through FL289 and SW37 through SW53, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

On December 19, 2024, soil samples were collected from the topsoil and caliche pits that would be utilized to backfill the excavation. Topsoil pit location, 32.165198, -104.315867. Caliche pit location, 32.162100, -104.316982. Soil samples Topsoil and Caliche were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

Excavation activities continued throughout the area of concern. On December 18, 2024, Hungry Horse, LLC notified NMOCD that closure samples would be collected from Area 3 on December 20, 2024. NMOCD Correspondence is provided as Attachment II.

On December 20, 2024, two hundred seventy composite confirmation soil samples were collected from the excavation floor and sidewalls, with each sample representing no more than



200 square feet. Soil samples FL290 through FL526 and SW54 through SW86, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples, with the exception of FL485, FL486, FL492, FL493, FL494, FL500, FL501, FL502, FL522, FL523, and FL525, which exhibited chloride concentrations in excess of NMOCD Closure Criteria.

Excavation activities continued throughout the area of concern. On January 13, 2025, Hungry Horse, LLC notified NMOCD that closure samples would be collected from Area 4 on January 16, 2025. NMOCD Correspondence is provided as Attachment II.

On January 16, 2025, two hundred sixty-one composite confirmation soil samples were collected from the excavation floor and sidewalls, with each sample representing no more than 200 square feet. Soil samples FL527 through FL744 and SW87 through SW132, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

The areas characterized by closure sample locations FL485, FL486, FL492, FL493, FL494, FL500, FL501, FL502, FL522, FL523, and FL525, were excavated and notification submitted for re-sampling. On January 14, 2025, Hungry Horse, LLC notified NMOCD that closure samples would be collected from Area 3 on January 17, 2025. NMOCD Correspondence is provided as Attachment II.

On January 17, 2025, nineteen composite confirmation soil samples were collected from the excavation floor and sidewalls, with each sample representing no more than 200 square feet. Soil samples FL485b, FL486b, FL492b, FL493b, FL494b, FL500b, FL501b, FL502b, FL522b, FL523b, FL525b, and SW133 through SW140, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

The final excavated area measured approximately one hundred fifty thousand square feet and ranged in depth from five and half feet bgs to twenty feet bgs. During remediation activities approximately 46,403 cubic yards of impacted soil were excavated and hauled to an NMOCD approved disposal facility. Disposal Manifest List provided in Attachment X.

Delineation Sample Map, Excavation Floor Sample Maps, Excavation Sidewall Sample Maps, and Erosion Control Map are provided as Figure 4 through Figure 13. A Summary of Soil Sample Laboratory Analytical Results is provided as Table 1 and Laboratory Analytical Reports are provided as Attachment VIII.

Sampling Procedure and Identification:

During confirmation sampling, five-point composite soil samples were collected from the floor of the excavation, each collected sample representing an area no greater than 200 square feet.



These sample locations are identified by FL designation. Five-point composite soil samples were also collected from the sidewalls of the excavation, with each collected sample representing an area no greater than 200 square feet. These sample locations are identified by SW designation. Excavation sidewall samples were collected as five-point composite samples collected from the sidewalls of the excavation, from the excavation surface to the excavation floor.

Excavation Sidewall Sample Maps, provided as Figure 6, Figure 8, Figure 10 and Figure 12, depict sidewall sample boundaries.

Cultural Properties, Special Status Plant Species, and Karst Surveys:

Archaeological Survey, NMCRIS Activity Number 156186, was completed on July 21, 2024. No cultural resources eligible for listing to the National Register of Historic Places were found within the survey area. No cultural materials were encountered during the remediation process.

CEHMM conducted a Special Status Plant Species (SSPS) survey on July 25, 2024 and found no protected species within the spill footprint and 100-meter buffer.

A second Archaeological Survey, NMCRIS Activity Number 156697, was completed on September 26, 2024. This expanded the survey area to the east side of the lease road to allow collection of horizontal sample location HZ4. No cultural resources eligible for listing to the National Register of Historic Places were found within the survey area. No cultural materials were encountered during the remediation process.

Karst surveys of the Area of Interest were completed on October 23, 2024. The report indicates that no karst features were found within the area of interest. No karst features were encountered during the remediation process. The Arch, SPSS, and Karst reports, indicating negative findings are provided in the Site Assessment and Remediation Work Plan, available on the NMOCD Permitting Portal

Restoration, Reclamation, and Re-Vegetation:

The well pad portion of the excavation, being reasonably needed for production operations, was, based on laboratory analytical results from confirmation soil samples, backfilled with locally sourced, clean, non-impacted caliche.

As the area north and east of the well pad is not reasonably needed for production operations, the area was reclaimed according to 19.15.29.13 NMAC. Based upon laboratory analytical results from confirmation soil samples, the excavation was backfilled with locally sourced, clean, non-impacted caliche from excavation floor to four feet bgs. The top four feet was then backfilled with locally sourced, clean, non-impacted topsoil.

The backfill included a cover top layer, maintaining a minimum four-foot thickness, backfilled with locally sourced, clean, non-impacted topsoil to provide suitable material to establish



vegetative growth. The area was then contoured the site's existing grade to prevent ponding of water and erosion of the cover material. The affected area was then tracked utilizing a dozer to ripple the soil to prepare the seed bed for seeding.

After remediation was completed, erosion control berms were constructed along the edges of the affected areas in an effort to prevent ponding of water and erosion of the cover material. A berm was constructed along the eastern edge of the Ogden #5 production pad in an effort to prevent any runoff from the location over the reclaimed area. Berms were also constructed along the eastern edge of the Ogden #4 well pad, and at the eastern end of the affected area, along the lease road, to prevent vehicle access. Photographs of erosion control are provided in Attachment VI.

The affected area was then seeded, via drill seeder at double the recommended rate, with NMSLO approved Gypsum Sites Seed Mixture, free of noxious weeds, on January 31, 2025. The reclaimed areas were also watered to aid in seed germination. Photographs of topsoil layer, seeding, and watering activities provided in Attachment VI.

A re-vegetation report will be submitted for approval when uniform vegetative cover has been established that reflects a life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds.

Closure Request:

Remediation activities were conducted in accordance with applicable NMOCD Regulations. Soil affected above the NMOCD Closure Criteria has been excavated and hauled to an NMOCD approved facility for disposal. Laboratory analytical results from composite confirmation samples indicate concentrations of BTEX, TPH, and chloride are below the NMOCD Closure Criteria.

Based on laboratory analytical results, Murchison Oil & Gas respectfully requests closure of the Ogden State #4 location, nAPP2424335058.

Limitations:

Hungry Horse, LLC, has prepared this *Remediation Summary and Closure Request* to the best of its ability. No other warranty, expressed or implied, is made or intended. Hungry Horse has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. Hungry Horse has not conducted an independent examination of the facts contained in referenced materials and statements. Hungry Horse has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Hungry Horse notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.



Distribution:

Murchison Oil & Gas

5325 Sierra Vista
Carlsbad, NM 88230

New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division, District 2
811 S. First St.
Artesia, NM 88210

New Mexico State Land Office

602 N. Canal. Suite B
Carlsbad, NM 88220

Figures

**Figure 2**

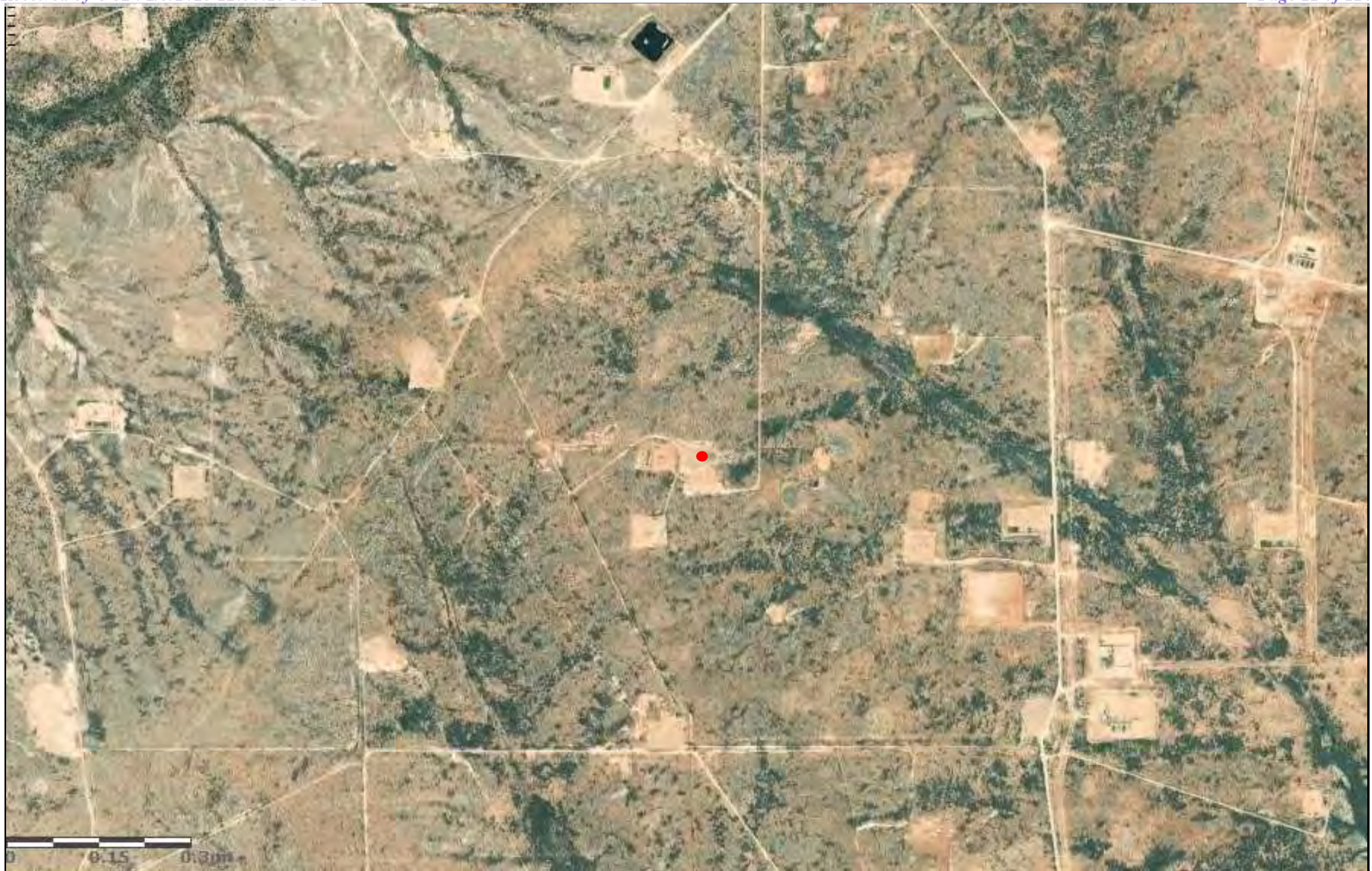
OSE POD Locations Map
Murchison Oil & Gas
Ogden State #4
GPS: 32.153883, -104.259282
Eddy County

Legend:

● Ogden State #4 Location



Drafted: dd
Checked: bw
Date: 10/1/24

**Figure 3**

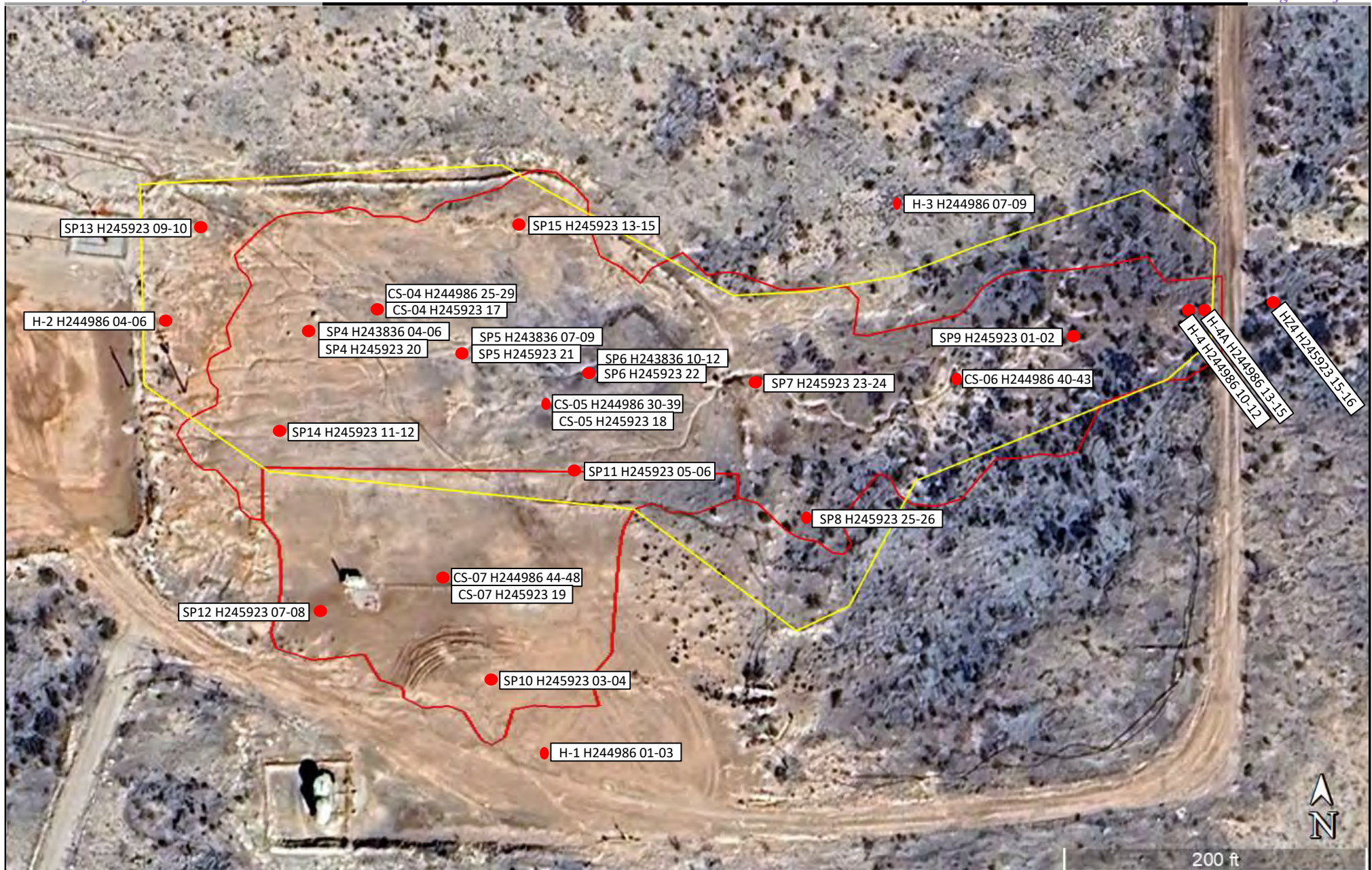
USGS Well Locations Map
Murchison Oil & Gas
Ogden State #4
GPS: 32.153883, -104.259282
Eddy County

Legend:

● Ogden State #4 Location

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Date: 10/1/24



**Figure 4**

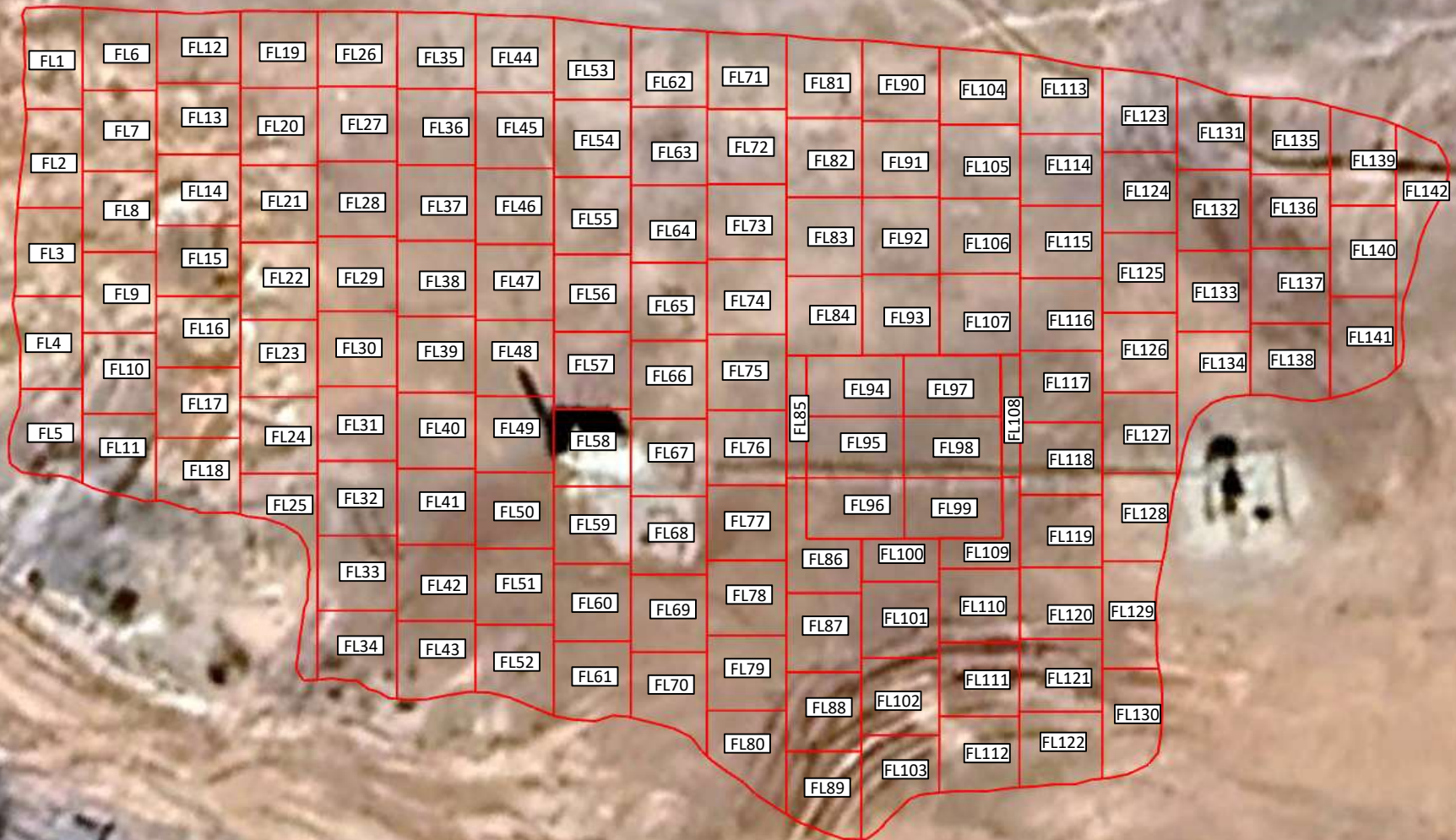
Delineation Sample Map
 Murchison Oil & Gas
 Ogden State #4
 GPS: 32.153883, -104.259282
 Eddy County

Legend:

- Delineation Sample Locations
- Area of Interest Identified By NMSLO
- Remediation Extent Identified By McNabb Partners

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**Figure 5**

Area 1 Excavation Floor Sample Map
 Murchison Oil & Gas
 Ogden State #4
 GPS: 32.153883, -104.259282
 Eddy County

Legend:

- Excavation Area
- Composite Confirmation 200 Square Foot Sample Area
- FL1 Composite Confirmation Sample Location

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 Date: 1/22/25



**Figure 6**

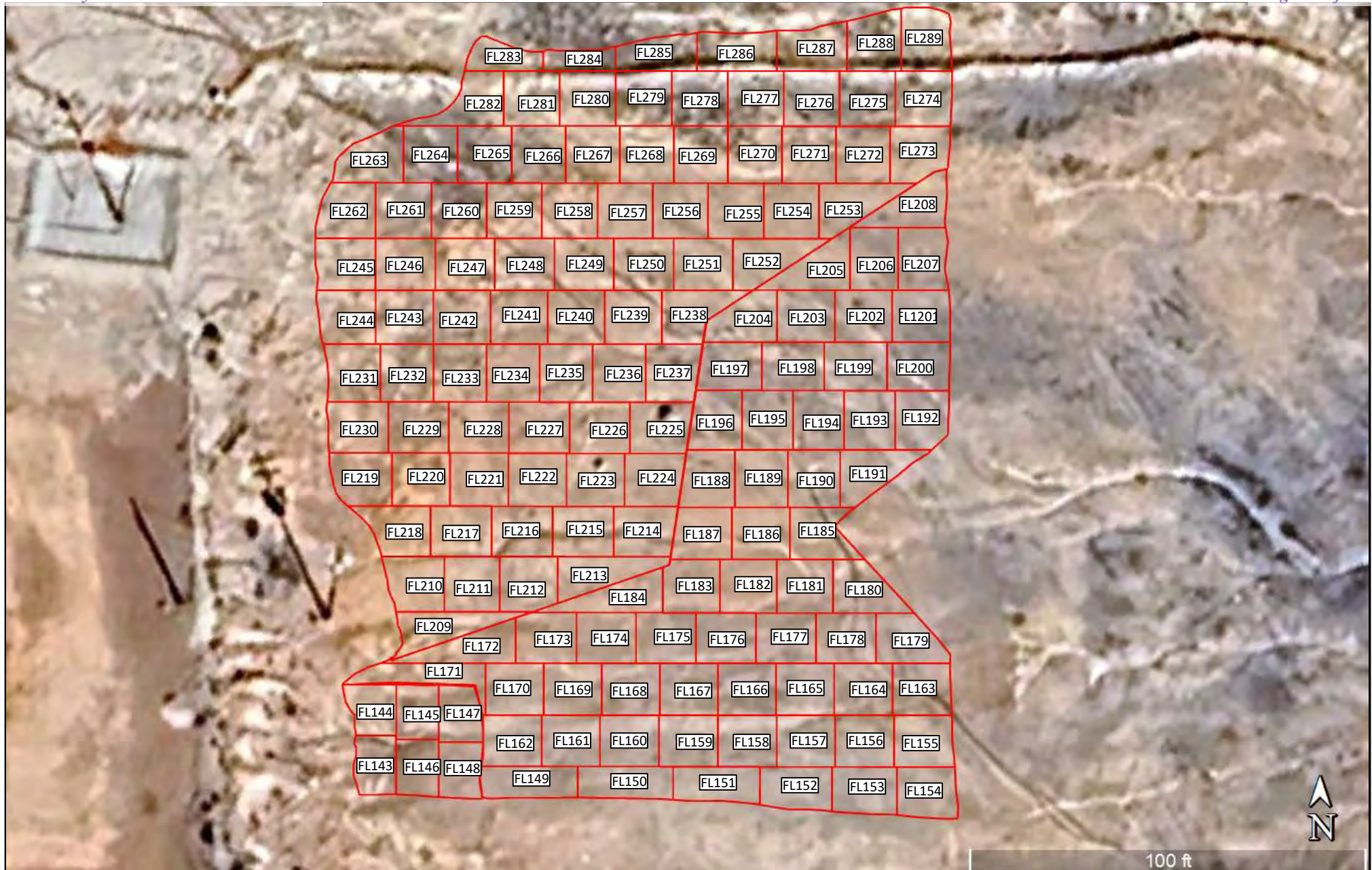
Area 1 Excavation Sidewall Sample Map
 Murchison Oil & Gas
 Ogden State #4
 GPS: 32.153883, -104.259282
 Eddy County

Legend:

- Excavation Area
- Composite Confirmation Sidewall Sample Boundary
- SW1 Composite Confirmation Sample Location

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 Date: 1/22/25



**Figure 7**

Area 2 Excavation Floor Sample Map
 Murchison Oil & Gas
 Ogden State #4
 GPS: 32.153883, -104.259282
 Eddy County

Legend:

- Excavation Area
- Composite Confirmation 200 Square Foot Sample Area
- FL143 Composite Confirmation Sample Location

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 Checked: jh
 Date: 1/22/25



**Figure 8**

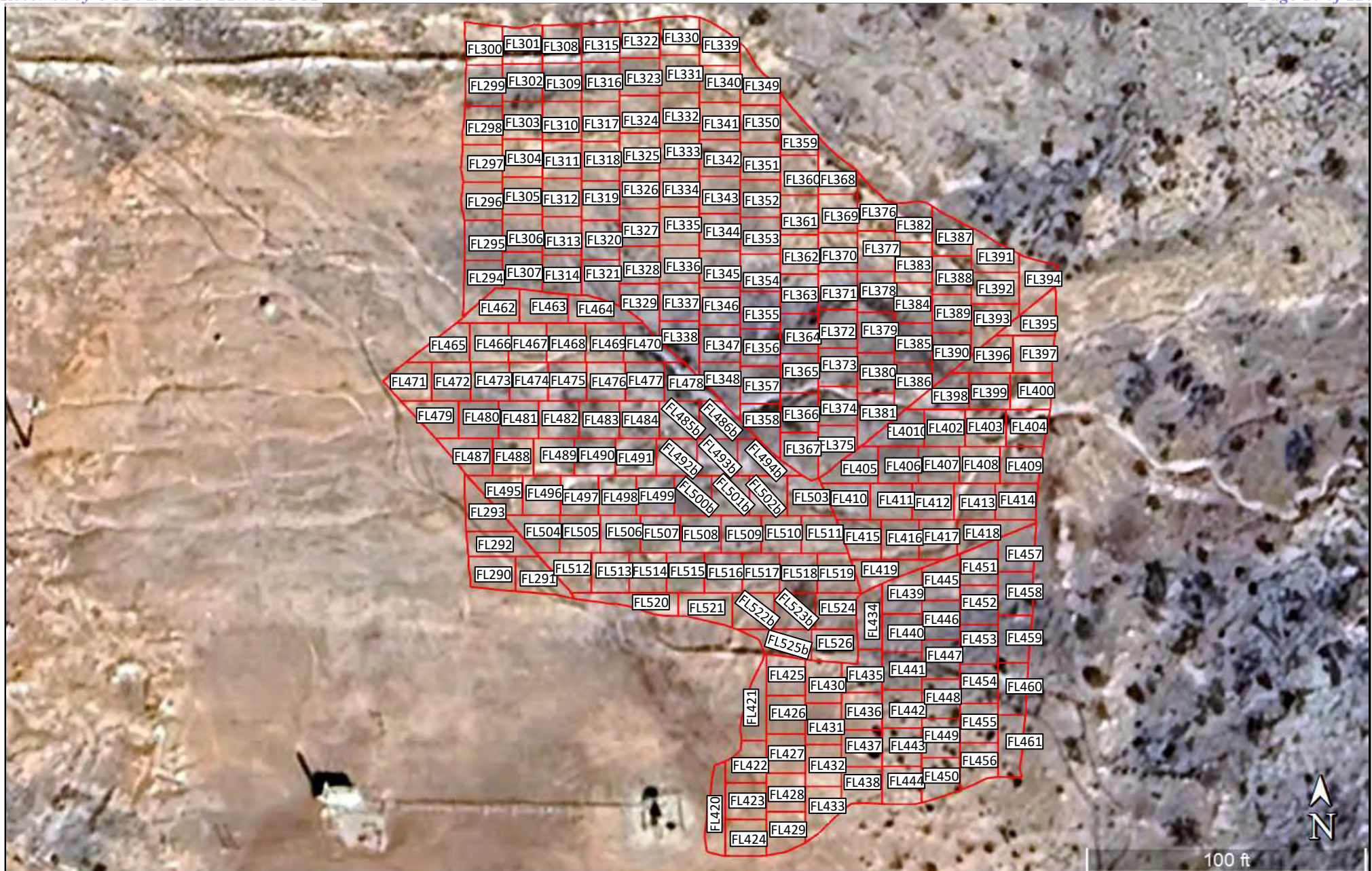
Area 2 Excavation Sidewall Sample Map
Murchison Oil & Gas
Ogden State #4
GPS: 32.153883, -104.259282
Eddy County

Legend:

- Excavation Area
- Composite Confirmation Sidewall Sample Boundary
- SW37 Composite Confirmation Sample Location

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Date: 1/22/25



**Figure 9**

Area 3 Excavation Floor Sample Map
 Murchison Oil & Gas
 Ogden State #4
 GPS: 32.153883, -104.259282
 Eddy County

Legend:

- Excavation Area
- Composite Confirmation 200 Square Foot Sample Area
- FL290 Composite Confirmation Sample Location

Drafted: dd
 Checked: jh
 Date: 1/22/25



**Figure 10**

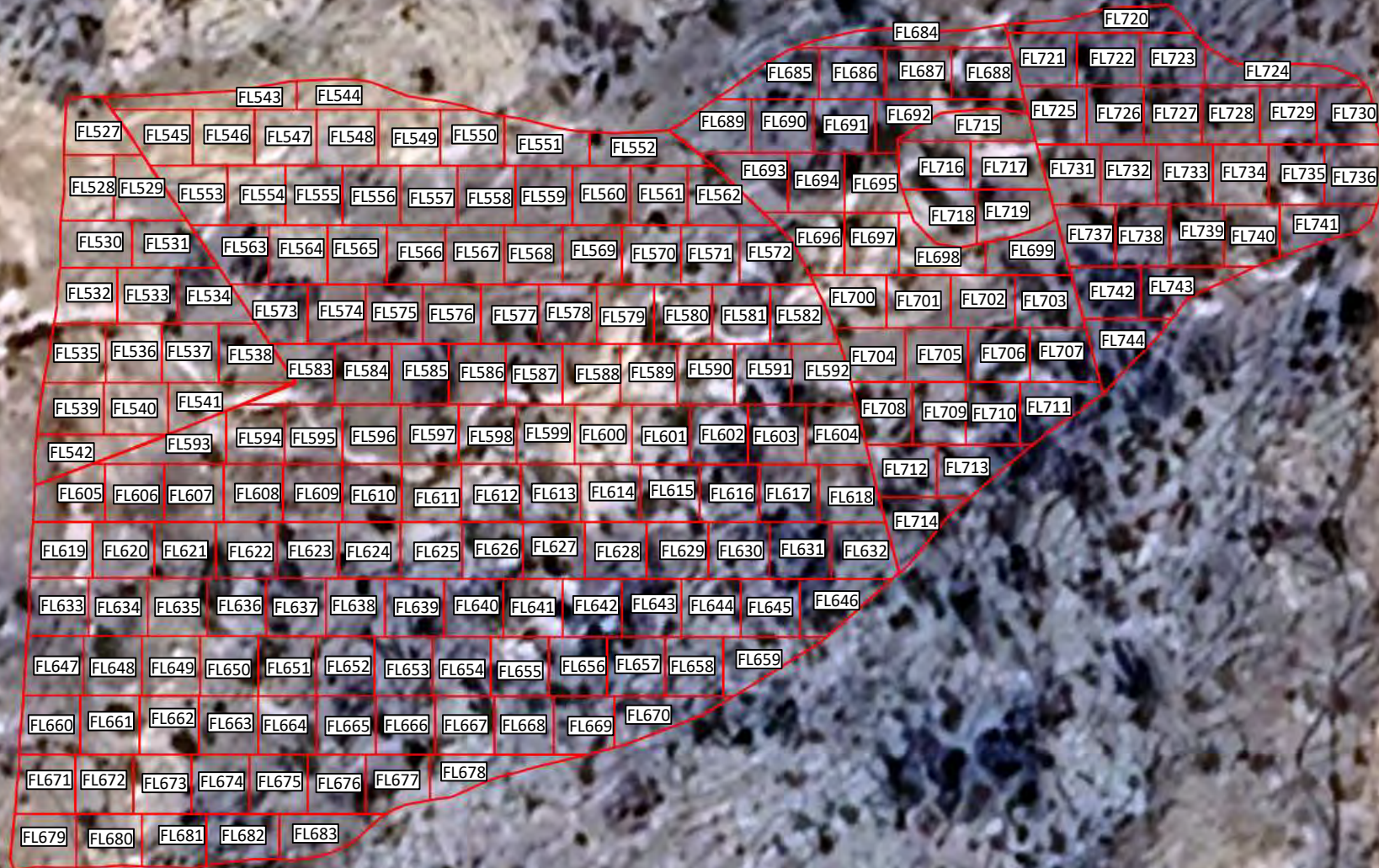
Area 3 Excavation Sidewall Sample Map
 Murchison Oil & Gas
 Ogden State #4
 GPS: 32.153883, -104.259282
 Eddy County

Legend:

- Excavation Area
- Composite Confirmation Sidewall Sample Boundary
- SW54 Composite Confirmation Sample Location

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**Figure 11**

Area 4 Excavation Floor Sample Map
 Murchison Oil & Gas
 Ogden State #4
 GPS: 32.153883, -104.259282
 Eddy County

Legend:

- Excavation Area
- Composite Confirmation 200 Square Foot Sample Area
- FL527 Composite Confirmation Sample Location

100 ft



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**Figure 12**

Area 4 Excavation Sidewall Sample Map
 Murchison Oil & Gas
 Ogden State #4
 GPS: 32.153883, -104.259282
 Eddy County

Legend:

- Excavation Area
- Composite Confirmation Sidewall Sample Boundary
- SW87 Composite Confirmation Sample Location

Drafted: dd
 Checked: jh
 Date: 1/22/25



**Figure 13**

Erosion Control Map

Murchison Oil & Gas

Ogden State #4

GPS: 32.153883, -104.259282

Eddy County

Legend:

- Berms To Limit Water Runoff And Restrict Traffic
- - - Areas Seeded And Watered

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Checked: jh

Date: 1/31/25



Tables

Table A. Analytical Summary
Ogden State 4

Sample ID	Date	Discrete Depth (Feet)	Location	Chloride (mg/kg)	GRO+DRO (mg/kg)	TPH Ext. (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)	Comments	Lab	Lab #
										(Hall/Cardinal)	
NMOCD Closure Criteria											
0 - 4 feet & "not in-use"				600	--	100	10	50			
> 4 ft or "in-use"				600	--	100	10	50			
H-1	8/14/2024	0.5	onsite	528	<20.0	<30.0	<0.050	<0.300	horizontal delineation	Cardinal	H244986-01
H-1	8/14/2024	2	onsite	208	<20.0	<30.0	<0.050	<0.300	horizontal delineation	Cardinal	H244986-02
H-1	8/14/2024	4	onsite	208	<20.0	<30.0	<0.050	<0.300	horizontal delineation	Cardinal	H244986-03
H-2	8/14/2024	0.5	onsite	64	<20.0	<30.0	<0.050	<0.300	horizontal delineation	Cardinal	H244986-04
H-2	8/14/2024	2	onsite	96	<20.0	<30.0	<0.050	<0.300	horizontal delineation	Cardinal	H244986-05
H-2	8/14/2024	4	onsite	80	<20.0	<30.0	<0.050	<0.300	horizontal delineation	Cardinal	H244986-06
H-3	8/14/2024	0.5	onsite	48	<20.0	<30.0	<0.050	<0.300	horizontal delineation	Cardinal	H244986-07
H-3	8/14/2024	2	onsite	16	<20.0	<30.0	<0.050	<0.300	horizontal delineation	Cardinal	H244986-08
H-3	8/14/2024	4	onsite	48	<20.0	<30.0	<0.050	<0.300	horizontal delineation	Cardinal	H244986-09
H-4	8/14/2024	0.5	onsite	3,320	<20.0	<30.0	<0.050	<0.300	horizontal delineation	Cardinal	H244986-10
H-4	8/14/2024	2	onsite	2,800	<20.0	<30.0	<0.050	<0.300	horizontal delineation	Cardinal	H244986-11
H-4	8/14/2024	4	onsite	2,640	<20.0	<30.0	<0.050	<0.300	horizontal delineation	Cardinal	H244986-12
H-4A	8/14/2024	0.5	onsite	1,840	<20.0	<30.0	<0.050	<0.300	edge of arc survey area	Cardinal	H244986-13
H-4A	8/14/2024	2	onsite	2,040	<20.0	<30.0	<0.050	<0.300	edge of arc survey area	Cardinal	H244986-14
H-4A	8/14/2024	4	onsite	1,880	<20.0	<30.0	<0.050	<0.300	edge of arc survey area	Cardinal	H244986-15
CS-04	8/14/2024	0.5	onsite	22,800	23.3	23.3	<0.050	<0.300	vertical delineation	Cardinal	H244986-25
CS-04	8/14/2024	2	onsite	2,520	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H244986-26
CS-04	8/14/2024	4	onsite	3,680	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H244986-27
CS-04	8/14/2024	5	onsite	4,240	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H244986-28
CS-04	8/14/2024	7	onsite	2,240	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H244986-29
CS-05	8/14/2024	0.5	onsite	16,800	67.5	67.5	<0.050	<0.300	vertical delineation	Cardinal	H244986-30
CS-05	8/14/2024	2	onsite	9,600	1,870	2,014	<0.050	<0.300	vertical delineation	Cardinal	H244986-31
CS-05	8/14/2024	4	onsite	10,800	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H244986-32
CS-05	8/14/2024	6	onsite	12,000	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H244986-33
CS-05	8/14/2024	8	onsite	8,660	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H244986-34
CS-05	8/14/2024	10	onsite	5,330	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H244986-35
CS-05	8/14/2024	12	onsite	7,920	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H244986-36
CS-05	8/14/2024	14	onsite	7,920	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H244986-37
CS-05	8/14/2024	16	onsite	7,920	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H244986-38
CS-05	8/14/2024	18	onsite	2,600	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H244986-39
CS-06	8/14/2024	0.5	onsite	5,520	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H244986-40
CS-06	8/14/2024	2	onsite	3,520	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H244986-41
CS-06	8/14/2024	4	onsite	1,220	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H244986-42
CS-06	8/14/2024	6	onsite	112	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H244986-43
CS-07	8/14/2024	0.5	onsite	9,400	24.7	24.7	<0.050	<0.300	vertical delineation	Cardinal	H244986-44
CS-07	8/14/2024	2	onsite	1,230	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H244986-45
CS-07	8/14/2024	4	onsite	624	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H244986-46
CS-07	8/14/2024	6	onsite	736	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H244986-47

Table A. Analytical Summary
Ogden State 4

Sample ID	Date	Discrete Depth (Feet)	Location	Chloride (mg/kg)	GRO+DRO (mg/kg)	TPH Ext. (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)	Comments	Lab	Lab #
										(Hall/Cardinal)	
NMOCD Closure Criteria											
0 - 4 feet & "not in-use"				600	--	100	10	50			
> 4 ft or "in-use"				600	--	100	10	50			
CS-07	8/14/2024	8	onsite	608	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H244986-48
SP4	6/25/2024	Surface	onsite	52,000	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H243836-04
SP4	6/25/2024	1	onsite	16,000	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H243836-05
SP4	6/25/2024	2	onsite	14,000	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H243836-06
SP5	6/25/2024	Surface	onsite	40,800	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H243836-07
SP5	6/25/2024	1	onsite	16,600	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H243836-08
SP5	6/25/2024	2	onsite	12,600	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H243836-09
SP6	6/25/2024	Surface	onsite	11,400	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H243836-10
SP6	6/25/2024	1	onsite	1,000	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H243836-11
SP6	6/25/2024	2	onsite	7,460	<20.0	<30.0	<0.050	<0.300	vertical delineation	Cardinal	H243836-12
Sample exceeds NMOCD Closure Criteria											

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State #4
NMOCD Ref. #: nAPP2424335058

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
SP4 H242836 04	6/25/24	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	52,000
SP4 H242836 05	6/25/24	1	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16,000
SP4 H242836 06	6/25/24	2	Excavated	<0.050	<0.300	<10.0	18.7	<20.0	<10.0	<30.0	14,000
SP4 H245923 20	9/27/24	4	Excavated	<0.050	<0.300	<10.0	13.9	<20.0	22.4	36.3	176
SP5 H242836 07	6/25/24	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	40,800
SP5 H242836 08	6/25/24	1	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16,600
SP5 H242836 09	6/25/24	2	Excavated	<0.050	<0.300	<10.0	15.2	<20.0	<10.0	<30.0	12,600
SP5 H245923 21	9/27/24	12	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
SP6 H242836 10	6/25/24	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	11,400
SP6 H242836 11	6/25/24	1	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,000
SP6 H242836 12	6/25/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,460
SP6 H245923 22	9/27/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
SP7 H245923 23	9/27/24	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,560
SP7 H245923 24	9/27/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
SP8 H245923 25	9/27/24	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	28,000
SP8 H245923 26	9/27/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
SP9 H245923 01	9/27/24	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,760
SP9 H245923 02	9/27/24	20	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
SP10 H245923 03	9/27/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
SP10 H245923 04	9/27/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
SP11 H245923 05	9/27/24	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	18,000
SP11 H245923 06	9/27/24	20	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
SP12 H245923 07	9/27/24	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SP12 H245923 08	9/27/24	1	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP13 H245923 09	9/27/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
SP13 H245923 10	9/27/24	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
SP14 H245923 11	9/27/24	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	26,800
SP14 H245923 12	9/27/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
SP15 H245923 13	9/27/24	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	800
SP15 H245923 14	9/27/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	12.3	<30.0	256
CS-04 H245923 17	9/27/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
CS-05 H245923 18	9/27/24	20	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
CS-07 H245923 19	9/27/24	12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
HZ4 H245923 15	9/27/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
HZ4 H245923 16	9/27/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State #4
NMOCD Ref. #: nAPP2424335058

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL1	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL2	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL3	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL4	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL5	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL6	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL7	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL8	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL9	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL10	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL11	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL12	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL13	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL14	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL15	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL16	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL17	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL18	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL19	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL20	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL21	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL22	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL23	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL24	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL25	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL26	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL27	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL28	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL29	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL30	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL31	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL32	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL33	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL34	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL35	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL36	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL37	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL38	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL39	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL40	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL41	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State #4
NMOCD Ref. #: nAPP2424335058

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL42	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL43	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL44	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL45	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL46	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL47	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL48	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL49	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL50	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL51	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL52	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL53	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL54	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL55	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL56	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL57	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL58	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL59	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL60	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL61	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL62	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL63	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL64	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL65	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL66	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL67	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL68	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL69	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL70	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL71	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL72	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL73	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL74	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL75	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL76	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL77	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL78	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL79	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL80	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL81	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL82	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State #4
NMOCD Ref. #: nAPP2424335058

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL83	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL84	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL85	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL86	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL87	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL88	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL89	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL90	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL91	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL92	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL93	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL94	12/12/24	12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL95	12/12/24	12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL96	12/12/24	12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL97	12/12/24	12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL98	12/12/24	12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL99	12/12/24	12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL100	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL101	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL102	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL103	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL104	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL105	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL106	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL107	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL108	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL109	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL110	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL111	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL112	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL113	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL114	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL115	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL116	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL117	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL118	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL119	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL120	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL121	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL122	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL123	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State #4
NMOCD Ref. #: nAPP2424335058

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL124	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL125	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL126	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL127	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL128	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL129	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL130	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL131	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL132	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL133	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL134	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL135	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL136	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL137	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL138	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL139	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL140	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL141	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL142	12/12/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL143	12/18/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL144	12/18/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL145	12/18/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL146	12/18/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL147	12/18/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL148	12/18/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL149	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL150	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL151	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL152	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL153	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL154	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL155	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL156	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL157	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL158	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL159	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL160	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL161	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL162	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL163	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL164	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State #4
NMOCD Ref. #: nAPP2424335058

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL165	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL166	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL167	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL168	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL169	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL170	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL171	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL172	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL173	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL174	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL175	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL176	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL177	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL178	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL179	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL180	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL181	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL182	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL183	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL184	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL185	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL186	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL187	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL188	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL189	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL190	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL191	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL192	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL193	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL194	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL195	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL196	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL197	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL198	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL199	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL200	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL201	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL202	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL203	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL204	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL205	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State #4
NMOCD Ref. #: nAPP2424335058

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL206	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL207	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL208	12/18/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL209	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL210	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL211	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL212	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL213	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL214	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL215	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL216	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL217	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL218	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL219	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL220	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL221	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL222	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL223	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL224	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL225	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL226	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL227	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL228	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL229	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL230	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL231	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL232	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL233	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL234	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL235	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL236	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL237	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL238	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL239	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL240	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL241	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL242	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL243	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL244	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL245	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL246	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State #4
NMOCD Ref. #: nAPP2424335058

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL247	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL248	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL249	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL250	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL251	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL252	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL253	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL254	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL255	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL256	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL257	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL258	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL259	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL260	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL261	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL262	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL263	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL264	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL265	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL266	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL267	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL268	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL269	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL270	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL271	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL272	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL273	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL274	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL275	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL276	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL277	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL278	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL279	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL280	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL281	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL282	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL283	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL284	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL285	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL286	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL287	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State #4
NMOCD Ref. #: nAPP2424335058

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL288	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL289	12/18/24	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
Topsoil Pit	12/19/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
Caliche Pit	12/19/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL290	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL291	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL292	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL293	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL294	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL295	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL296	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL297	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL298	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL299	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL300	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL301	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL302	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL303	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL304	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL305	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL306	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL307	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL308	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL309	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL310	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL311	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL312	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL313	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL314	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL315	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL316	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL317	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL318	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL319	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL320	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL321	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL322	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL323	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL324	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL325	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL326	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State #4
NMOCD Ref. #: nAPP2424335058

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL327	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL328	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL329	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL330	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL331	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL332	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL333	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL334	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL335	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL336	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL337	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL338	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL339	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL340	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL341	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL342	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL343	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL344	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL345	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL346	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL347	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL348	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL349	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL350	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL351	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL352	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL353	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL354	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL355	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL356	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL357	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL358	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL359	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL360	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL361	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL362	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL363	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL364	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL365	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL366	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL367	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State #4
NMOCD Ref. #: nAPP2424335058

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL368	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL369	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL370	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL371	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL372	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL373	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL374	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL375	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL376	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL377	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL378	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL379	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL380	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL381	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL382	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL383	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL384	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL385	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL386	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL387	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL388	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL389	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL390	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL391	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL392	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL393	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL394	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL395	12/20/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL396	12/20/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL397	12/20/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL398	12/20/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL399	12/20/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL400	12/20/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL401	12/20/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL402	12/20/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL403	12/20/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL404	12/20/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL405	12/20/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL406	12/20/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL407	12/20/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL408	12/20/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State #4
NMOCD Ref. #: nAPP2424335058

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL409	12/20/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL410	12/20/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL411	12/20/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL412	12/20/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL413	12/20/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL414	12/20/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL415	12/20/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL416	12/20/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL417	12/20/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL418	12/20/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL419	12/20/24	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL420	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL421	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL422	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL423	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL424	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL425	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL426	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL427	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL428	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL429	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL430	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL431	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL432	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL433	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL434	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL435	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL436	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL437	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL438	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL439	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL440	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL441	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL442	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL443	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL444	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL445	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL446	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL447	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL448	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL449	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State #4
NMOCD Ref. #: nAPP2424335058

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL450	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL451	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL452	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL453	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL454	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL455	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL456	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL457	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL458	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL459	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL460	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL461	12/20/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL462	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL463	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL464	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL465	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL466	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL467	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL468	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL469	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL470	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL471	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL472	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL473	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL474	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL475	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL476	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL477	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL478	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL479	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL480	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL481	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL482	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL483	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL484	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL485	12/20/24	14	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	800
FL485b	1/17/25	20	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL486	12/20/24	14	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	960
FL486b	1/17/25	20	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL487	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL488	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State #4
NMOCD Ref. #: nAPP2424335058

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL489	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL490	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL491	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL492	12/20/24	14	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,260
FL492b	1/17/25	20	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL493	12/20/24	14	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	832
FL493b	1/17/25	20	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL494	12/20/24	14	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,310
FL494b	1/17/25	20	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL495	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL496	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL497	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL498	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL499	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL500	12/20/24	14	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,280
FL500b	1/17/25	20	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL501	12/20/24	14	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,360
FL501b	1/17/25	20	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL502	12/20/24	14	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,340
FL502b	1/17/25	20	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL503	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL504	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL505	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL506	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL507	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL508	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL509	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL510	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL511	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL512	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL513	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL514	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL515	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL516	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL517	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL518	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL519	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL520	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL521	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL522	12/20/24	14	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	608
FL522b	1/17/25	20	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State #4
NMOCD Ref. #: nAPP2424335058

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL523	12/20/24	14	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	720
FL523b	1/17/25	20	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL524	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL525	12/20/24	14	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	896
FL525b	1/17/25	20	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL526	12/20/24	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL527	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL528	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL529	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL530	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL531	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL532	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL533	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL534	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL535	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL536	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL537	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL538	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL539	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL540	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL541	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL542	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL543	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL544	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL545	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL546	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL547	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL548	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL549	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL550	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL551	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL552	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL553	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL554	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL555	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL556	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL557	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL558	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL559	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL560	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL561	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State #4
NMOCD Ref. #: nAPP2424335058

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL562	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL563	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL564	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL565	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL566	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL567	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL568	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL569	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL570	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL571	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL572	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL573	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL574	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL575	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL576	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL577	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL578	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL579	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL580	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL581	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL582	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL583	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL584	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL585	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL586	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL587	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL588	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL589	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL590	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL591	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL592	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL593	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL594	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL595	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL596	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL597	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL598	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL599	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL600	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL601	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL602	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State #4
NMOCD Ref. #: nAPP2424335058

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL603	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL604	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL605	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL606	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL607	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL608	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL609	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL610	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL611	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL612	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL613	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL614	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL615	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL616	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL617	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL618	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL619	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL620	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL621	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL622	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL623	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL624	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL625	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL626	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL627	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL628	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL629	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL630	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL631	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL632	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL633	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL634	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL635	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL636	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL637	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL638	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL639	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL640	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL641	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL642	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL643	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State #4
NMOCD Ref. #: nAPP2424335058

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL644	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL645	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL646	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL647	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL648	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL649	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL650	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL651	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL652	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL653	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL654	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL655	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL656	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL657	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL658	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL659	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL660	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL661	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL662	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL663	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL664	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL665	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL666	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL667	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL668	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL669	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL670	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL671	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL672	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL673	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL674	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL675	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL676	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL677	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL678	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL679	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL680	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL681	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL682	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL683	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL684	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State #4
NMOCD Ref. #: nAPP2424335058

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL685	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL686	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL687	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL688	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL689	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL690	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL691	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL692	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL693	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL694	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL695	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL696	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL697	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL698	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL699	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL700	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL701	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL702	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL703	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL704	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL705	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL706	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL707	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL708	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL709	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL710	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL711	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL712	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL713	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL714	1/16/25	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL715	1/16/25	20	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL716	1/16/25	20	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL717	1/16/25	20	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL718	1/16/25	20	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL719	1/16/25	20	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL720	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL721	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL722	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL723	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL724	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL725	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State #4
NMOCD Ref. #: nAPP2424335058

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL726	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL727	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL728	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL729	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL730	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL731	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL732	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL733	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL734	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL735	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL736	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL737	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL738	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL739	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL740	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL741	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL742	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL743	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL744	1/16/25	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SW1	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW2	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW3	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW4	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW5	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW6	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW7	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW8	12/12/24	0-8	In-Situ	<0.050	0.397	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW9	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW10	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW11	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW12	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW13	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW14	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW15	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW16	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW17	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW18	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW19	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW20	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW21	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW22	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State #4
NMOCD Ref. #: nAPP2424335058

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
SW23	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW24	12/12/24	0-8	In-Situ	<0.050	0.397	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW25	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW26	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW27	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW28	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW29	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW30	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW31	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW32	12/12/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW33	12/12/24	8-12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW34	12/12/24	8-12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW35	12/12/24	8-12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW36	12/12/24	8-12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW37	12/18/24	8-10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW38	12/18/24	8-10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW39	12/18/24	8-10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW40	12/18/24	0-10	In-Situ	<0.050	0.397	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW41	12/18/24	0-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW42	12/18/24	0-5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW43	12/18/24	0-5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW44	12/18/24	0-5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW45	12/18/24	0-5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW46	12/18/24	0-5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW47	12/18/24	0-5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW48	12/18/24	0-5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW49	12/18/24	0-5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW50	12/18/24	0-5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW51	12/18/24	5.5-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW52	12/18/24	5.5-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW53	12/18/24	5.5-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW54	12/20/24	0-8'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW55	12/20/24	0-8'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW56	12/20/24	0-8'	In-Situ	<0.050	0.397	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW57	12/20/24	0-8'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW58	12/20/24	0-8'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW59	12/20/24	0-8'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW60	12/20/24	0-8'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW61	12/20/24	0-8'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW62	12/20/24	0-8'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW63	12/20/24	0-8'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State #4
NMOCD Ref. #: nAPP2424335058

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
SW64	12/20/24	8-10'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW65	12/20/24	8-10'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW66	12/20/24	8-14'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW67	12/20/24	8-14'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW68	12/20/24	8-14'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW69	12/20/24	8-14'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW70	12/20/24	8-14'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW71	12/20/24	8-14'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW72	12/20/24	8-14'	In-Situ	<0.050	0.397	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW73	12/20/24	8-14'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW74	12/20/24	8-14'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW75	12/20/24	8-14'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW76	12/20/24	8-14'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW77	12/20/24	8-14'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW78	12/20/24	8-14'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW79	12/20/24	8-14'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW80	12/20/24	10-14'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW81	12/20/24	8-10'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW82	12/20/24	0-8'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW83	12/20/24	0-8'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW84	12/20/24	0-8'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW85	12/20/24	0-8'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW86	12/20/24	0-8'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW87	1/16/25	0-10'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SW88	1/16/25	6-10'	In-Situ	<0.050	0.397	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW89	1/16/25	6-10'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
SW90	1/16/25	6-10'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SW91	1/16/25	6-10'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW92	1/16/25	6-8'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SW93	1/16/25	6-8'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW94	1/16/25	0-6'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SW95	1/16/25	0-6'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW96	1/16/25	0-6'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW97	1/16/25	0-6'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW98	1/16/25	0-6'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW99	1/16/25	0-6'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW100	1/16/25	0-6'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW101	1/16/25	0-10'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW102	1/16/25	0-10'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW103	1/16/25	0-10'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW104	1/16/25	0-10'	In-Situ	<0.050	0.397	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State #4
NMOCD Ref. #: nAPP2424335058

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
SW105	1/16/25	0-6'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW106	1/16/25	0-6'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW107	1/16/25	0-6'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW108	1/16/25	0-6'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW109	1/16/25	0-6'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW110	1/16/25	0-6'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW111	1/16/25	0-6'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW112	1/16/25	0-10'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW113	1/16/25	0-10'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW114	1/16/25	0-10'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW115	1/16/25	0-10'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW116	1/16/25	0-10'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW117	1/16/25	0-6'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW118	1/16/25	0-6'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW119	1/16/25	0-6'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW120	1/16/25	0-6'	In-Situ	<0.050	0.397	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW121	1/16/25	6-10'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW122	1/16/25	6-10'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW123	1/16/25	6-10'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW124	1/16/25	6-10'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW125	1/16/25	6-20'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW126	1/16/25	6-20'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW127	1/16/25	6-10'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW128	1/16/25	10-20'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW129	1/16/25	10-20'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW130	1/16/25	10-20'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW131	1/16/25	10-20'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW132	1/16/25	10-20'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW133	1/17/25	14-20'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW134	1/17/25	14-20'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW135	1/17/25	14-20'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW136	1/17/25	14-20'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW137	1/17/25	14-20'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW138	1/17/25	14-20'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW139	1/17/25	14-20'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW140	1/17/25	14-20'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

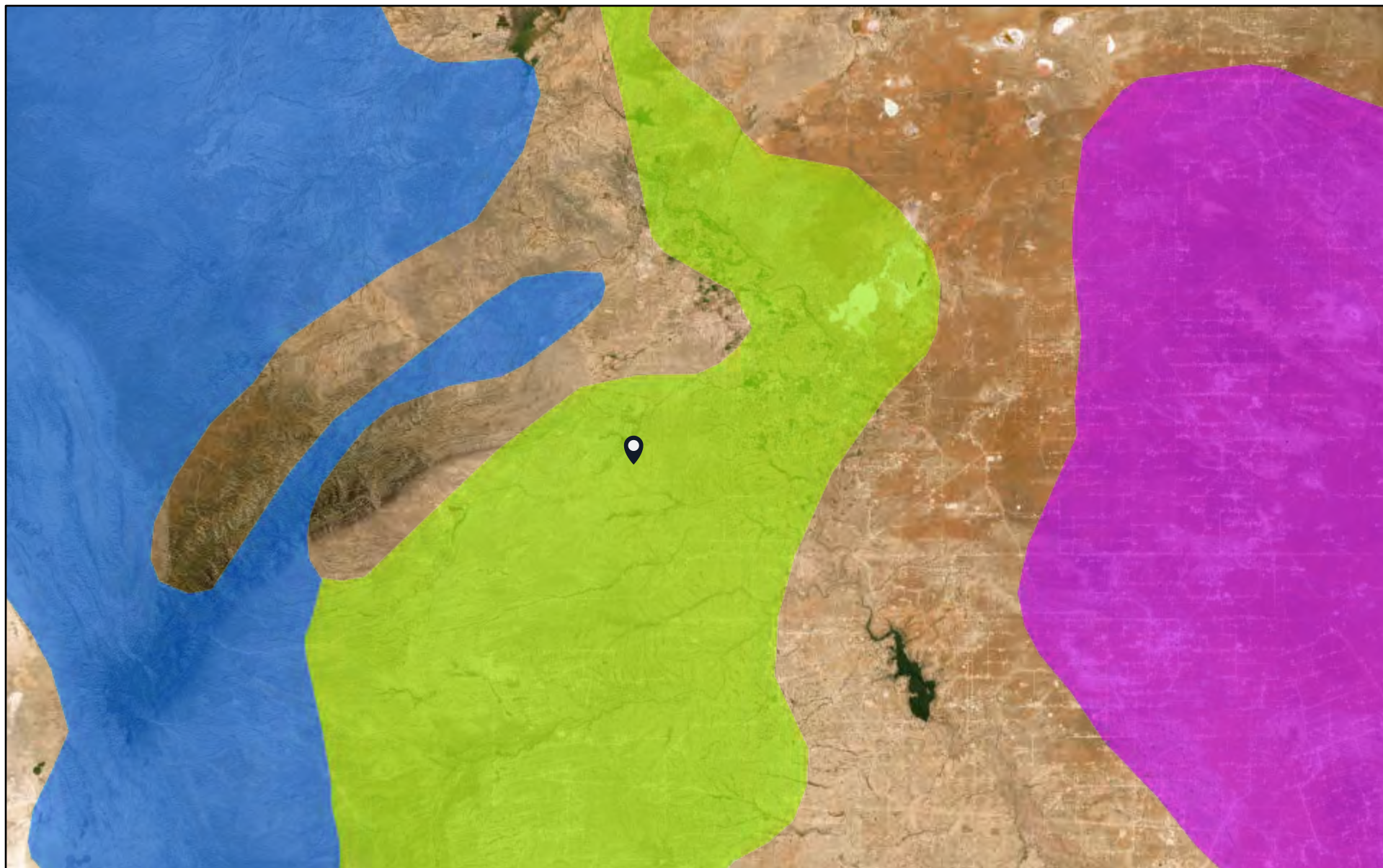
- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

Attachment I

Karst, Wetland, and Soil Maps

Ogden State #4



10/3/2024

Karst Type

- Carbonate
- Erosional
- Gypsum



Volcanic

World Imagery

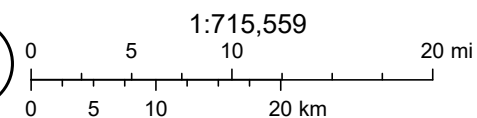
Low Resolution 15m Imagery

High Resolution 60cm Imagery

High Resolution 30cm Imagery

Citations

150m Resolution Metadata



U.S. Geological Survey Open-File Report 2004-1352, Caves and Karst in the U.S. National Park Service, AGI Karst Map of the US., Earthstar Geographics



Ogden State #4



October 3, 2024

Wetlands

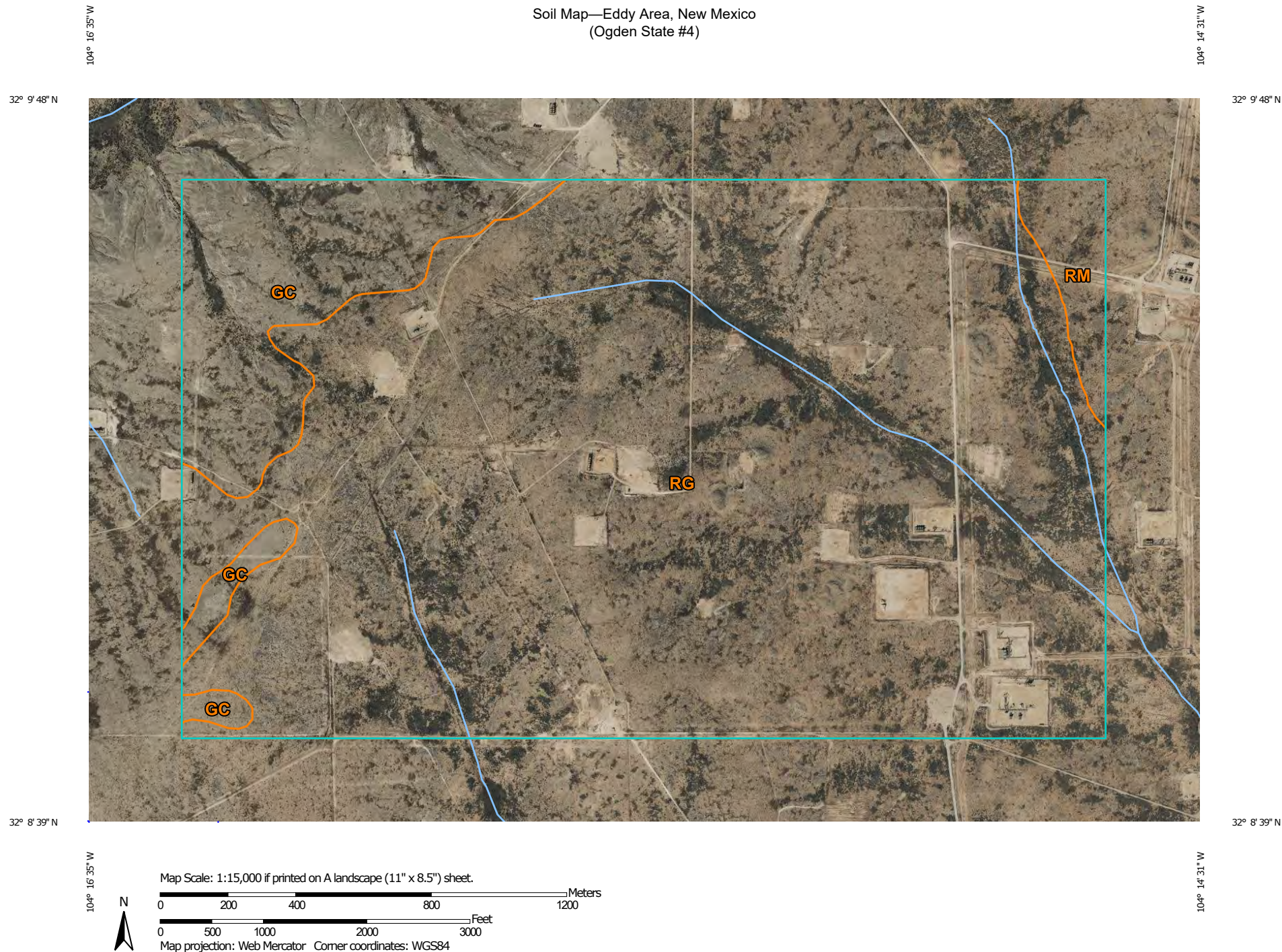
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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

Soil Map—Eddy Area, New Mexico
(Ogden State #4)



Natural Resources
Conservation Service


Web Soil Survey
National Cooperative Soil Survey

10/3/2024
Page 1 of 3

Soil Map—Eddy Area, New Mexico
(Ogden State #4)


MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 20, Sep 3, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Nov 12, 2022—Dec 2, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.



Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
GC	Gypsum land-Cottonwood complex, 0 to 3 percent slopes	133.7	12.1%
RG	Reeves-Gypsum land complex, 0 to 3 percent slopes	946.8	85.6%
RM	Reeves-Reagan loams, 0 to 3 percent slopes	25.7	2.3%
Totals for Area of Interest		1,106.2	100.0%

Map Unit Description: Reeves-Gypsum land complex, 0 to 3 percent slopes---Eddy Area, New Mexico

Ogden State #4

Eddy Area, New Mexico

RG—Reeves-Gypsum land complex, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w5f

Elevation: 1,250 to 5,000 feet

Mean annual precipitation: 10 to 25 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 190 to 235 days

Farmland classification: Not prime farmland

Map Unit Composition

Reeves and similar soils: 55 percent

Gypsum land: 30 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Reeves

Setting

Landform: Ridges, plains, hills

Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope

Landform position (three-dimensional): Side slope, head slope, nose slope, crest

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Residuum weathered from gypsum

Typical profile

H1 - 0 to 8 inches: loam

H2 - 8 to 32 inches: clay loam

H3 - 32 to 60 inches: gypsiferous material

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 25 percent

Gypsum, maximum content: 80 percent

Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water supply, 0 to 60 inches: Low (about 4.3 inches)

Map Unit Description: Reeves-Gypsum land complex, 0 to 3 percent slopes---Eddy Area, New Mexico

Ogden State #4

Interpretive groups

Land capability classification (irrigated): 3s

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: B

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Description of Gypsum Land

Setting

Landform: Ridges, plains, hills

Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope

Landform position (three-dimensional): Side slope, head slope, nose slope, crest

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Residuum weathered from gypsum

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8s

Hydric soil rating: No

Minor Components

Largo

Percent of map unit: 5 percent

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Reagan

Percent of map unit: 5 percent

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Cottonwood

Percent of map unit: 5 percent

Ecological site: R070BC033NM - Salty Bottomland

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 20, Sep 3, 2024

Attachment II NMOCD Correspondence

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 410018

QUESTIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 410018
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2424335058
Incident Name	NAPP2424335058 OGDEN STATE 4 LEGACY RELEASE @ 30-015-32479
Incident Type	Other
Incident Status	Remediation Plan Approved
Incident Well	[30-015-32479] OGDEN STATE #004

Location of Release Source	
Site Name	Ogden State 4 Legacy Release
Date Release Discovered	06/18/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	28,000
What is the estimated number of samples that will be gathered	178
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/12/2024
Time sampling will commence	12:00 PM
Please provide any information necessary for observers to contact samplers	Hector Luna 720-586-1727
Please provide any information necessary for navigation to sampling site	32.153874, -104.259288

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

General Information
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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

CONDITIONS

Action 410018

CONDITIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 410018
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cottrell	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	12/9/2024

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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 412383

QUESTIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 412383
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2424335058
Incident Name	NAPP2424335058 OGDEN STATE 4 LEGACY RELEASE @ 30-015-32479
Incident Type	Other
Incident Status	Remediation Plan Approved
Incident Well	[30-015-32479] OGDEN STATE #004

Location of Release Source	
Site Name	Ogden State 4 Legacy Release
Date Release Discovered	06/18/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	28,975
What is the estimated number of samples that will be gathered	164
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/18/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Hector Luna 720-586-1727
Please provide any information necessary for navigation to sampling site	32.153874, -104.259288

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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

CONDITIONS

Action 412383

CONDITIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 412383
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
ccottrell	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	12/16/2024

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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 413298

QUESTIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 413298
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2424335058
Incident Name	NAPP2424335058 OGDEN STATE 4 LEGACY RELEASE @ 30-015-32479
Incident Type	Other
Incident Status	Remediation Plan Approved
Incident Well	[30-015-32479] OGDEN STATE #004

Location of Release Source	
Site Name	Ogden State 4 Legacy Release
Date Release Discovered	06/18/2024
Surface Owner	State

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	47,400
What is the estimated number of samples that will be gathered	270
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/20/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Hector Luna 720-586-1727
Please provide any information necessary for navigation to sampling site	32.153874, -104.259288

Sante Fe Main Office
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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

CONDITIONS

Action 413298

CONDITIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 413298
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
ccottrell	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	12/18/2024

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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 419824

QUESTIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 419824
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2424335058
Incident Name	NAPP2424335058 OGDEN STATE 4 LEGACY RELEASE @ 30-015-32479
Incident Type	Other
Incident Status	Remediation Plan Approved
Incident Well	[30-015-32479] OGDEN STATE #004

Location of Release Source	
Site Name	Ogden State 4 Legacy Release
Date Release Discovered	06/18/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	44,200
What is the estimated number of samples that will be gathered	261
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/16/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Hector Luna 720-586-1727
Please provide any information necessary for navigation to sampling site	32.153874, -104.259288

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

General Information
Phone: (505) 629-6116

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

CONDITIONS

Action 419824

CONDITIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 419824
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cottrell	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/13/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 420412

QUESTIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 420412
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2424335058
Incident Name	NAPP2424335058 OGDEN STATE 4 LEGACY RELEASE @ 30-015-32479
Incident Type	Other
Incident Status	Remediation Plan Approved
Incident Well	[30-015-32479] OGDEN STATE #004

Location of Release Source	
Site Name	Ogden State 4 Legacy Release
Date Release Discovered	06/18/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	2,200
What is the estimated number of samples that will be gathered	19
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/17/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Hector Luna 720-586-1727
Please provide any information necessary for navigation to sampling site	32.153874, -104.259288

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 420412

CONDITIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 420412
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cottrell	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/14/2025

Cindy Cottrell

From: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Sent: Tuesday, January 14, 2025 11:49 AM
To: Cindy Cottrell
Cc: Daniel Dominguez; Greg Boans; Rusty Cooper
Subject: RE: [EXTERNAL] (Extension Request) Murchison - Ogden 4 (nAPP2424335058) 6/18/2024

Cindy,

The extension request is approved and the new due date for the Remediation Closure report is 2/3/2025.

Please include a copy of this correspondence in the Remediation Closure report.

Thank you,

Brittany Hall ● Environmental Specialist
Environmental Bureau Projects Group
EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87110
505.517.5333 | Brittany.Hall@emnrd.nm.gov
<http://www.emnrd.nm.gov/ocd/>

Effective 12/1/2024: OCD has updated guidance on karst potential occurrence zones. This notice can be found at: <https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/> under “2024 OCD ANNOUNCEMENTS AND NOTIFICATIONS”.

The Digital C-141 guidance documents can be found at <https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/> or <https://www.emnrd.nm.gov/ocd/ocd-forms/>.

From: Cindy Cottrell <ccottrell@jdmii.com>
Sent: Tuesday, January 14, 2025 10:27 AM
To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Cc: Daniel Dominguez <ddominguez@hungry-horse.com>; Greg Boans <gboans@jdmii.com>; Rusty Cooper <rcooper@jdmii.com>
Subject: [EXTERNAL] (Extension Request) Murchison - Ogden 4 (nAPP2424335058) 6/18/2024

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Brittany,

We would like to request an extension until February 3, 2025 in order to complete the remediation at Ogden 4 and submit the report which is due this Friday, January 17th. Closure sampling is scheduled for Thursday and Friday. If the closure criteria are met, the excavated area will need to be backfilled and contoured to prevent erosion.

Thank you for your consideration.

 MURCHISON OIL AND GAS, LLC

Attachment III

Depth to Groundwater



New Mexico Office of the State Engineer

Wells With Well Log Information

No report data available.

UTM Filters (in meters):

Easting: 569848.52

Northing: 3557732.96

Radius: 805

* UTM location was derived from PLSS - see Help

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

Attachment IV

Field Data

Sample Log

Hungry Horse, LLC

Project: Ogden State 4

Karst Yes Water <50'

Standard TPH 100mg/kg, Chloride 600mg/kg

Date: 9-26-24

GPS: 32.153549, -104.259293

Sampler: Jerry Heidelberg

Sample ID	Depth	PID/Odor	Chloride	GPS
HZ4A	Surf	NO	1.60 35x4 = 140	
	1'	NO	0.70 > 100	
SP4	3'		3.40 113x4 = 452	
	4'	Little	2.00 49x4 = 198	
	6'			
	8'			
	10'			
	12'			
	14'			
	16'			
	18'			
	20'			
CS-04	8'	NO	3.60 125x4 = 500	
	10'		3.40 114x4 = 456	
	12'		3.00 92x4 = 368	
	14'	NO	3.10 125x4 = 500	
	16'		3.00 125x4 = 500	
	18'			
	20'			
	22'			
	24'			
SP5	3'	NO	Gas = Head 8.0	
	4'	NO	7.80 62x4 = 2480	
	6'	NO	7.80 62x4 = 2480	
	8'	NO	7.80 62x4 = 2480	
	10'	NO	5.00 32x4 = 840	
	12'	NO	3.90 153x4 = 552	
	14'	NO	2.70 165x4 = 2160	
	16'	NO	2.50 77x4 = 196	
	18'			
	20'			
	22'			
CS-05	20'	NO	2.00 49x4 = 196	
	22'	NO	2.00 49x4 = 196	
	24'			
	26'			

Sample Point = SP1 @ # etc

Floor = FL1 etc

Sidewall = SW1 etc

Horizontal = HZ1 etc

Refusal = SP1 @ 4'-R

GPS Sample Points, Center of Comp Areas

Test Results = T1, T2 etc

Re-sample = SP1 @ 4'-R etc

Standard = Standard etc

Hungry Horse, LLC

Sample Log

Project: Ogden State 4

Date: 9-26-24

Karst Yes Water <50'

GPS: 32.153549, -104.259293

Standard TPH 100mg/kg, Chloride 600mg/kg

Sampler: Jerry Heidelberg

Sample ID	Depth	PID/Odor	Chloride	GPS
SP6	3'	Yes	5.2@ 305x4 = 1,220	
	4'	NO	5.6@ 234x4 = 1,136	
	6'	NO	5.4@ 264x4 = 1,056	
	8'	NO	2.6@ 73x4 = 292	
	10'	NO	3.0@ 92x4 = 368	
	12'			
	14'			
	16'			
	18'			
	20'			
	22'			
	24'			
SP7	Surf	NO	Greater than 8.0	
	1'	Little		
	2'	Little	7.0@ 465x4 = 1,860	
	3'	Little	6.4@ 367x4 = 1,468	
	4'	Little	7.0@ 465x4 = 1,860	
	6'	NO	5.0@ 224x4 = 968	
	8'	NO	4.6@ 192x4 = 768	
	10'	NO	3.8@ 137x4 = 548	
	12'	NO	3.4@ 113x4 = 452	
	14'			
	16'			
	18'			
SP8	Surf	NO	Greater than 8.0	
	1'	NO	Greater than 8.0	
	2'	NO	7.8@ 620x4 =	
	3'	NO	4.0@ 151x4 = 604	
	4'	NO	3.0@ 92x4 = 368	
	6'			
	8'			
	10'		3.8	
	12'			
	14'			

Sample Point = SP1 @ ## etc

Horizontal = MZL etc

Test Trench = T1 @ ##

Floor = FL1 etc

Refusal = SP1 @ 4-8

Resamples = SP1 @ 5 or 24-40

Sidewall = SW1 etc

GPS Sample Points, Center of Comp Areas

Stockpile = Stockpile #

Sample Log

Hungry Horse, LLC

Project: Ogden State 4

Karst Yes Water <50'

Standard TPH 100mg/kg, Chloride 600mg/kg

Date: 9-26-24

GPS: 32.153549, -104.259293

Sampler: Jerry Heidelberg

Sample ID	Depth	PID/Odor	Chloride	GPS
✓ SP8	16'			
	18'			
	20'			
	22'			
	24'			
✓ SP9	Surf	NO	Greater than 8.0	
	1'		Greater than 8.0	
	2'		Greater than 8.0	
	3'		7.80 620x4=2,480	
	4'		6.20 352x4=1,408	
	6'		6.20 352x4=1,408	
	8'		Greater than 8.0	
	10'		Greater than 8.0	
	12'		Greater than 8.0	
	14'		Greater than 8.0	
	16'		Greater than 8.0	
	18'		6.70 377x4=1,508	
	20'		4.20 165x4=660	
	22'		3.80 138x4=552	
	24'			
SP10	Surf	NO	3.20 138x4=552	
	1'	NO	4.20 165x4=660	
	2'	NO	3.40 114x4=456	
✓ SP11	Surf	NO	Greater than 8.0	12' 6.40 377x4=1,508
	1'	NO	7.20 498x4=1,992	14' 5.60 287x4=1,148
	2'	NO	6.40 377x4=1,508	16' 5.40 267x4=1,068
	3'	NO	6.40 377x4=1,508	18' 6.80 421x4=1,084
	4'	NO	6.20 352x4=1,408	20' 3.60 125x4=500
	6'	NO	6.00 328x4=1,312	22'
	8'	NO	6.00 328x4=1,312	24'
	10'	NO	5.80 305x4=1,220	26'
SP12	Surf	NO	2.20 57x4=228	
	1'	NO	2.40 65x4=260	
	2'	NO	3.40 114x4=456	
	3'			
	4'			

Sample Point = SP1 @ ## etc

Floor = FL1 etc

Sidewall = SW1 etc

Horizontal = HZ1 etc

Refusal = SP1 @ 4'-R

GPS Sample Points, Center of Comp Areas

Test Trench = TT1 @ ##

Resamples = SP1 @ 5' or SW1 etc

Stockpile = Stockpile etc

Sample Log

Hungry Horse, LLC

Project: Ogden State 4

Karst Yes Water <50'

Standard TPH 100mg/kg, Chloride 600mg/kg

Date: _____

GPS: 32.153549, -104.259293

Sampler: Jerry Heidelberg

Sample ID	Depth	PID/Odor	Chloride	GPS
SP12	6'			
	8'			
	10'			
	12'			
	14'			
	16'			
	18'			
	20'			
	22'			
	24'			
SP13	Surf	NO	2.6@ 73x4 = 292	
	1'	NO	3.4@ 43x4 = 452	
	2'	NO	2.0@ 49x4 = 198	
	3'			
	4'			
	6'			
	8'			
	10'			
	12'			
	14'			
	16'			
	18'			
	20'			
	22'			
	24'			
✓ SP14	Surf	Little	Greater than 8.0	
	1'	Yes	" "	
	2'	Yes	" "	
	3'	Little	Greater than 8.0	
	4'	NO	5.6@ 279x4 = 1,116	
	5'		6.8@ 421x4 = 1,684	
	6'		3.8@ 137x4 = 548	
	10'	NO	3.8@ 137x4 = 548	
	12'			
	14'			
	16'			

Sample Point = SP1 @ ## etc

Floor = FL1 etc

Sidewall = SW1 etc

Horizontal = HZ1 etc

Refusal = SP1 @ 4'-R

GPS Sample Points, Center of Comp Areas

Test Trench = TT1 @ ##

Resampler = SP12 @ 5' or SW #12

Stockpile = Stockpile #1

Hungry Horse, LLC

Date: _____

GPS: 32.153549, -104.259293

Sampler: Jerry Heidelberg

$$\text{Stockpile} = \text{Stockpile} - \text{RC}$$

Attachment V
McNabb Partners Site Photographs



Incident ID: nAPP2424335058

Ogden State 4 Legacy Release

Project ID: 20030828-murchison-ogdenState4



Figure 1. Area of Interest.



Figure 2. Area of Interest.



Figure 3. Area of Interest.



Figure 4. Area of Interest.



Figure 5. Sampling activities.



Figure 6. Sampling activities.

Attachment VI Site Photographs

Photographs

Photo:	1	Description: Excavation
--------	---	-------------------------

North West Elevation

☼ 141°SE (T) ● 32.154294°, -104.259791° ±45ft ▲ 3378ft



21 Oct 2024, 12:59:36

Photo:	2	Description: Excavation
--------	---	-------------------------

South West Elevation

☼ 29°NE (T) ● 32.153975°, -104.260159° ±19ft ▲ 3377ft



22 Oct 2024, 11:27:21

Photographs



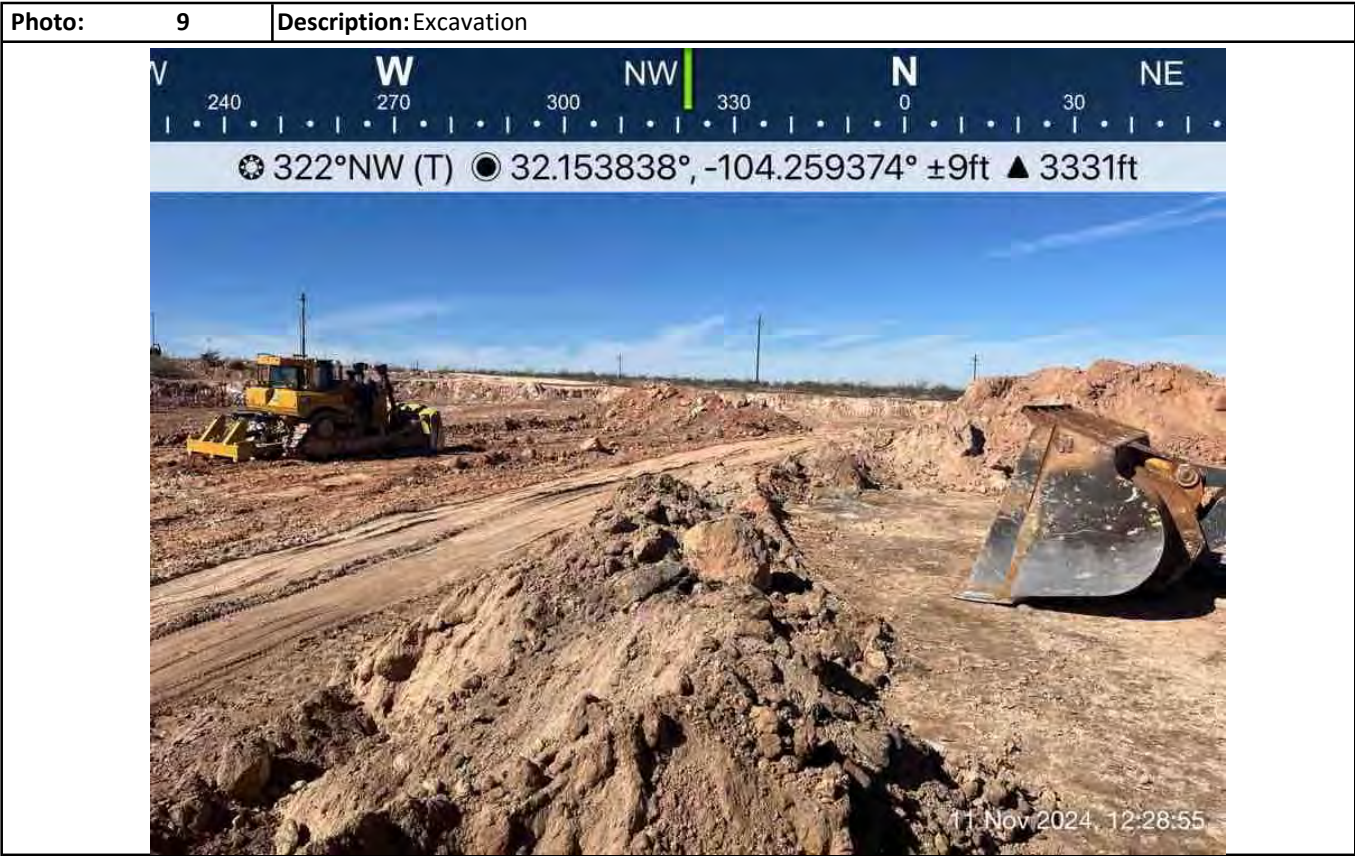
Photographs



Photographs



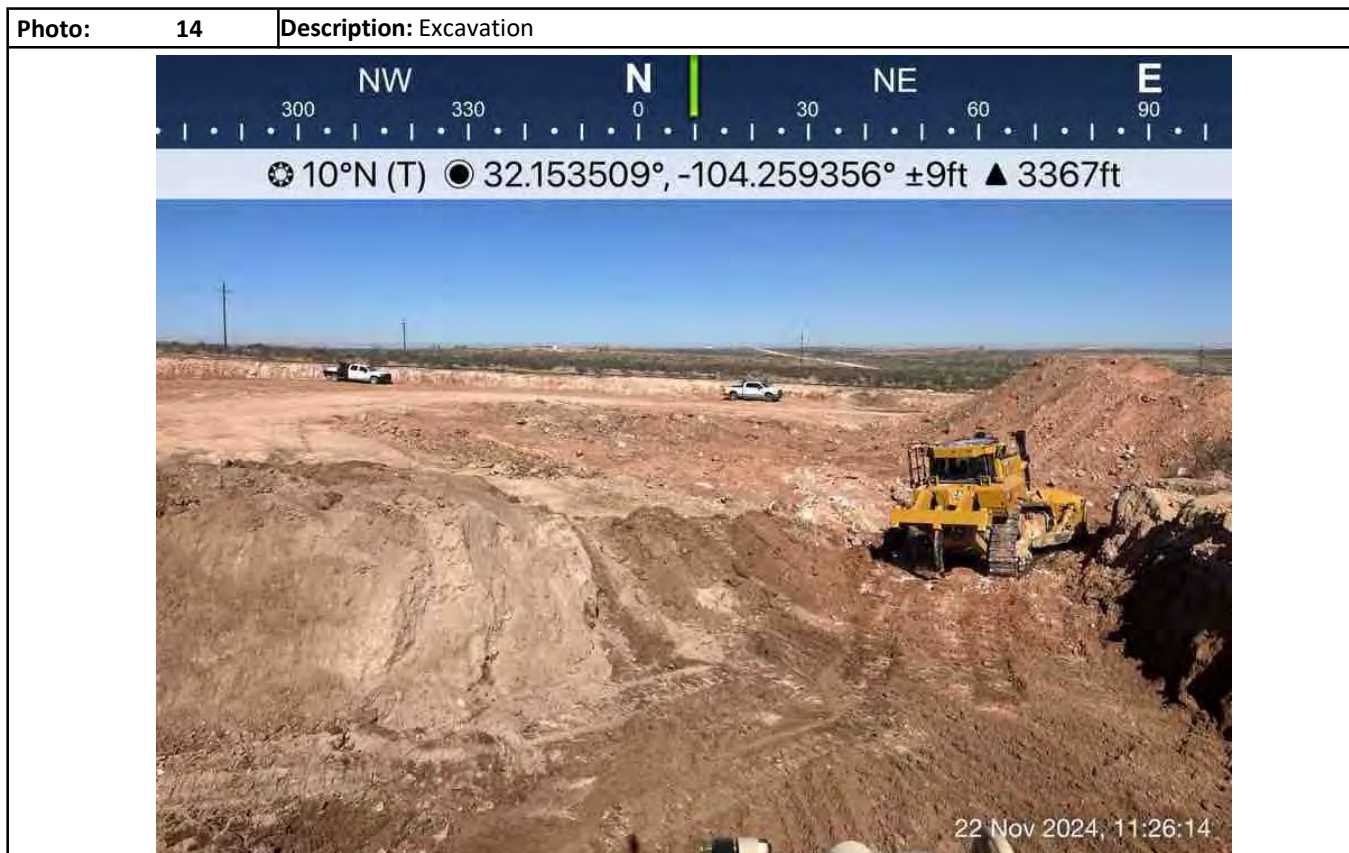
Photographs



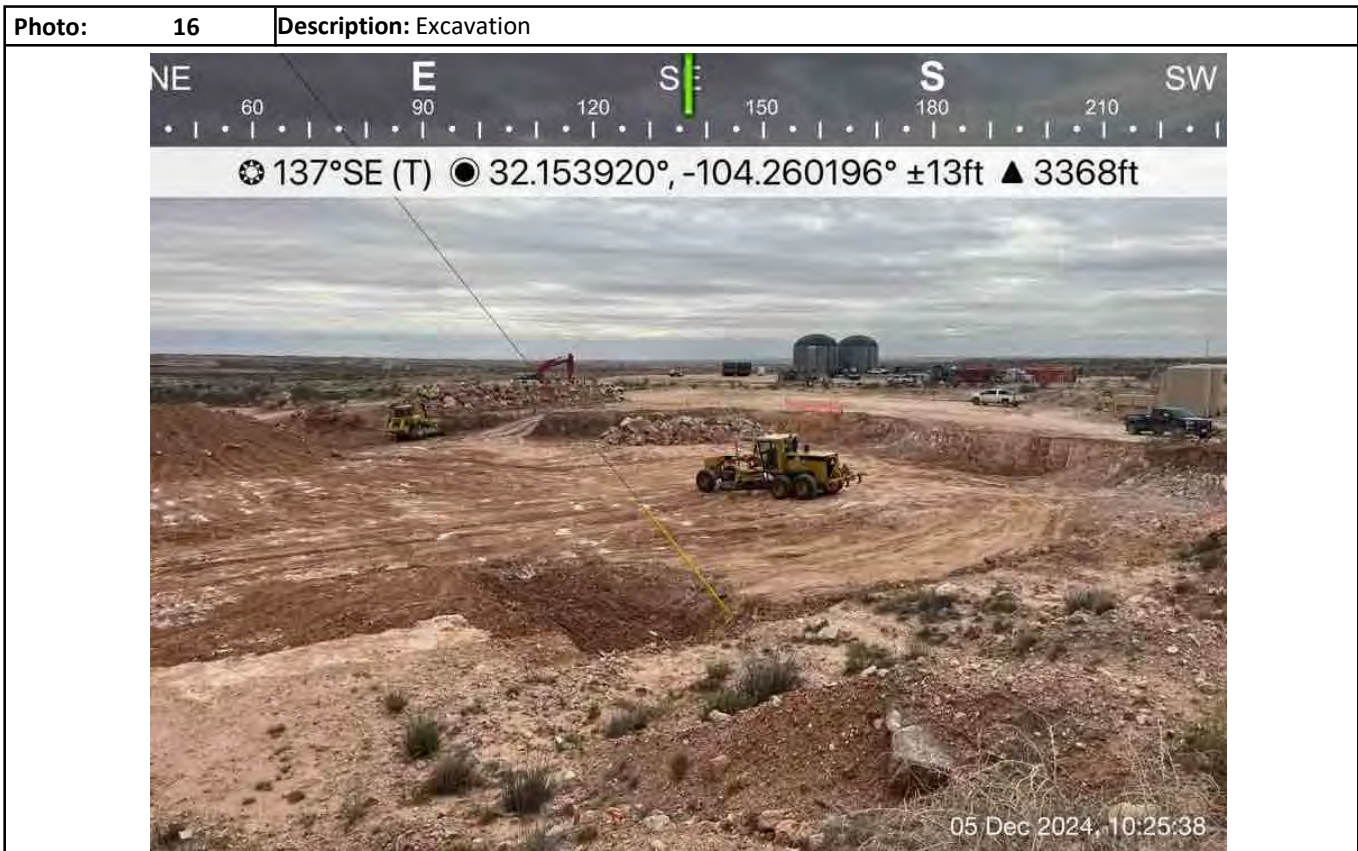
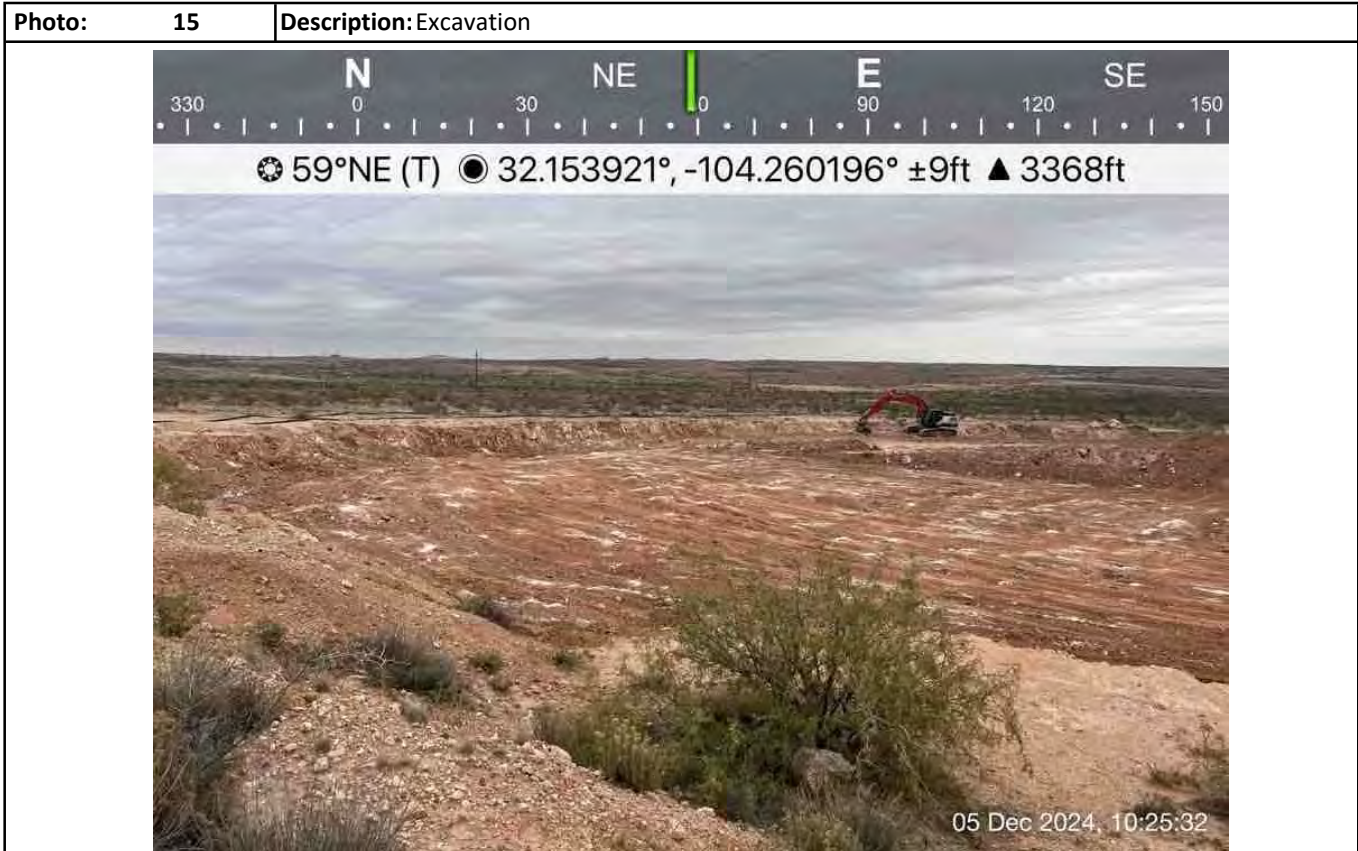
Photographs



Photographs



Photographs



Photographs



Photographs

Photo:	19	Description: Excavation
--------	----	-------------------------

North West Elevation

☼ 129°SE (T) ● 32.154362°, -104.259943° ±22ft ▲ 3365ft



16 Dec 2024 12:00:58

Photo:	20	Description: Excavation
--------	----	-------------------------

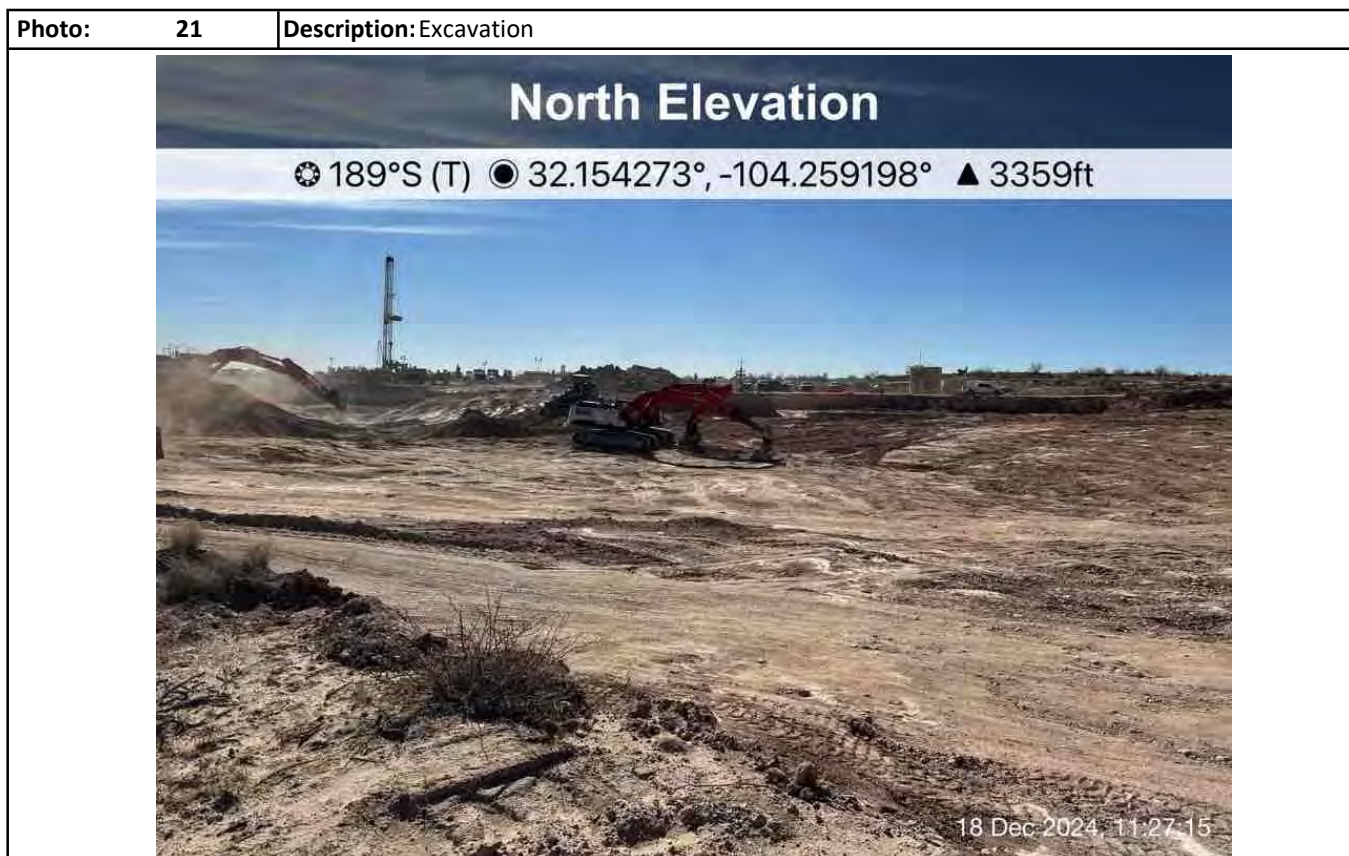
North Elevation

☼ 169°S (T) ● 32.154344°, -104.259938° ±13ft ▲ 3365ft



16 Dec 2024 12:01:01

Photographs



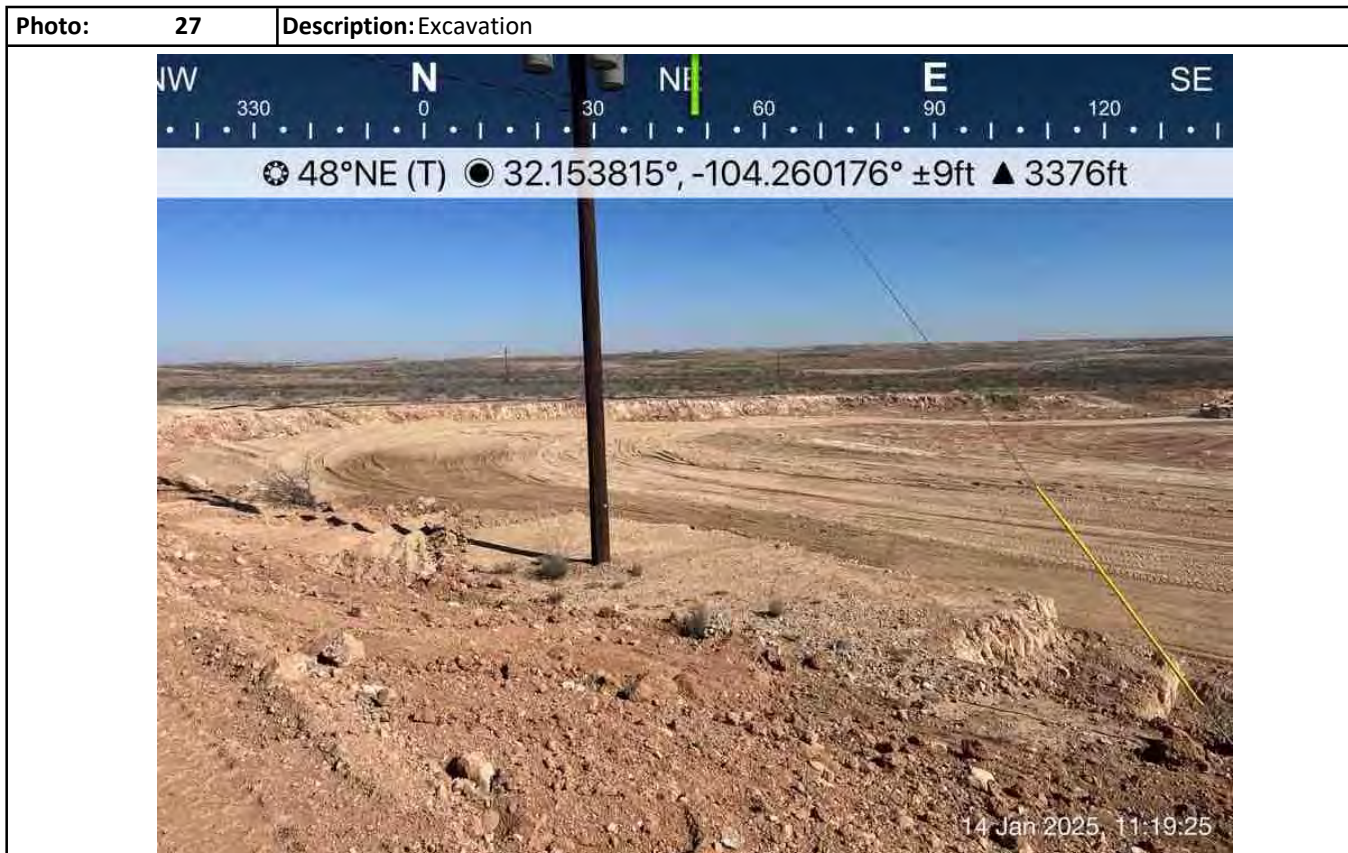
Photographs



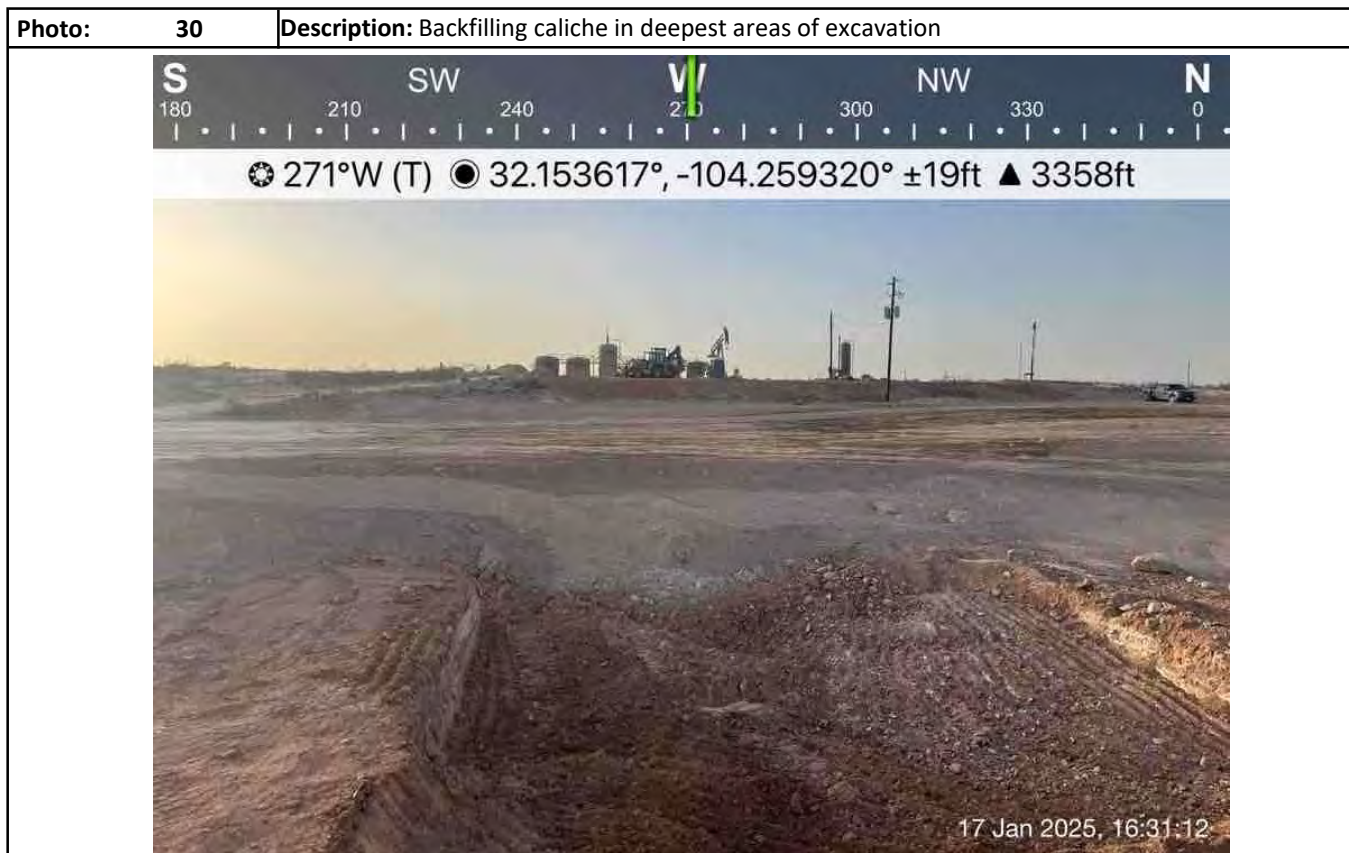
Photographs



Photographs



Photographs



Photographs



Photographs



Photographs



Photographs



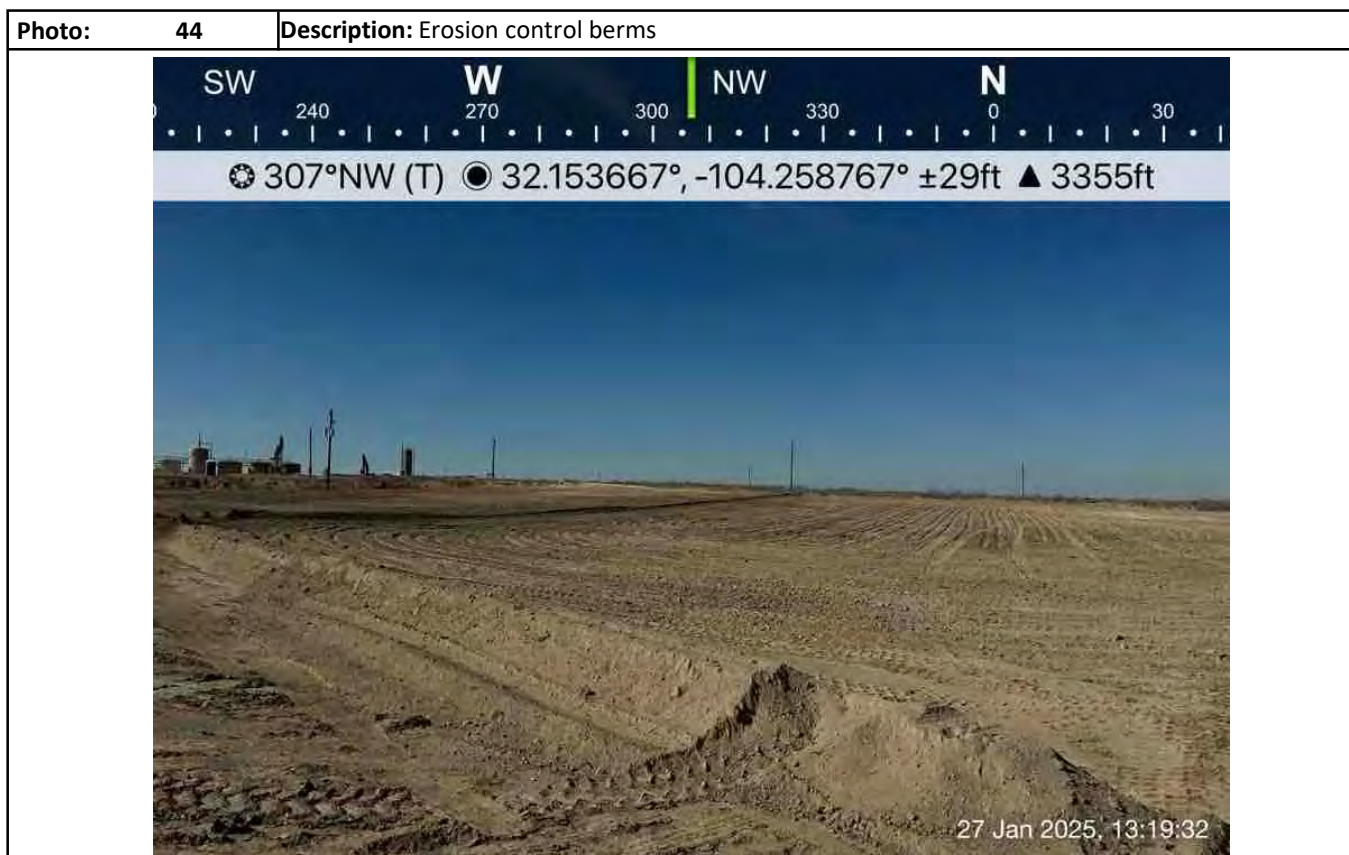
Photographs



Photographs



Photographs



Attachment VII
R.T. Hicks Soil Boring Log

R. T. HICKS CONSULTANTS, LTD.

901 Rio Grande Blvd NW ▲ Suite F-142 ▲ Albuquerque, NM 87104 ▲ 505.266.5004 ▲ Fax: 505.266-0745

Memorandum

From: Kristin Pope

Date: September 11, 2023

RE: Murchison-Ogden St. 5A release, Characterization Soil Boring
Lat./long.: 32.15434, -104.26397

The subject site is located approximately 12 miles south of Carlsbad city limits, with a surface elevation of approximately 3,390 feet asl. On August 23, 2023, I met the client Greg Boans (Murchison), Dr. David Decker (Southwest Geophysical Consulting), and representatives of Ready Drill LLC on site to install an investigative soil boring nearest the release origin. To maintain a safe distance from active, underground pipelines, the soil boring was located approximately 20 feet northwest of the junction, or "tee" as shown on the adjacent image. The location was within the berms surrounding the release footprint.



2023 Google Earth satellite image

Weather conditions were cloudy with moderate-light but steady rain. Drilling began at 9:20 a.m. MST with instructions to the driller to proceed at a consistent rate and pressure. I continuously monitored the cuttings during each trip while regularly communicating with the driller as to the "feel" of the drilling, with instructions to inform Dr. Decker and me if any moisture was suspected or voids were encountered. I recorded the lithology and moisture content with each trip out of the hole. If any appreciable moisture would have been indicated, the operation would have been suspended to allow the water to accumulate and then measured.

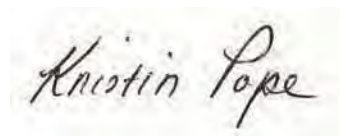
Drilling steadily advanced at a rate of approximately 0.75 feet per minute until 23 feet, when heavy rain precluded inspection of cuttings and drilling ceased until the rain let up at 10:28 a.m. Hard dolomitic and gypsy rock in a matrix of silt and clay caused the need for a bit change at 38 feet. After this depth, drilling slowed to a rate of approximately 0.2 feet per minute. Hard drilling continuing from 52 feet until the remainder of the hole. Dr. Decker also inspected cuttings and communicated with the driller regarding karst considerations until 12:21 p.m. when he departed; we discussed the remainder of the soil boring conditions and lithologies later that day.

At 73 feet, the cuttings became dusty and continued until total depth was reached as planned, at 105 feet. No water or drilling fluids were used during drilling and the hole was backfilled with cuttings. I observed no water or measurable moisture in any of the cuttings I inspected, nor did the driller

Page 2

indicate any conditions associated with subsoil dampness or saturation. The experienced driller stated that he did not observe or feel any instances of the bit dropping which indicate the presence of voids.

Representative samples were submitted for laboratory analysis of chloride. Chloride concentrations, drilling conditions, and lithologies are summarized in the enclosed boring log. Based on my observations, I am certain that no groundwater is present below the surface of this well site to 105 feet (3,285 feet asl).

A handwritten signature in black ink that reads "Kristin Pope". The signature is written in a cursive style and is positioned on a light-colored, rectangular background.

Logger:	Kristin Pope	Client:	Murchison Oil & Gas		Well ID:	SB-1 (approx. 20 ft NW of pipeline tee)		
Driller:	Ready Drill LLC	Project Name:	Ogden 5A release					
Drilling Method:	CZM EK125 auger	Location:	Eddy County					
Start Date:	8/23/2023							
End Date:	8/23/2023							
moderate and steady rain		32.15434, -104.26397	Sec. 2, T25S, R26E					
Depth (feet BGS)	Description	Time MST	Remarks	Lithology	Completion	Sample ID (chloride mg/kg)	Depth (feet BGS)	
0	Surface	0920	Samples collected from auger bit; all samples were dry			Lab Analysis	0	
2	Green-gray silty clay		20 ft - heavy rain delay		Borehole backfilled with cuttings	SB @ 3 ft = 2600	2	
4								
6								
8								
10	Red clay with gray-green silt							
12	Red clay with 15% dark gray dolomite	0931						
14	Red & gray silt with 15% gray-white gypsum							
16		0948						
18	Red silt with gray & white, vitreous gypsum flakes; 20% dark gray dolomite							
20		0952						
22								
24	Gray-white gypsum/dolomitic layers with tan silt		38 ft - Heavy rain delay; bit change		Borehole backfilled with cuttings	SB @ 30 ft = 192	24	
26								
28								
30						1028		
32								
34								
36								
38								
40								
42						1110		
44	Gray silt with dark gray-white dolomite							
46								
48								
50	Tan-light gray silt with 40% hard, gray limestone or dolostone layers or lenses		52-90 ft - hard drilling		Borehole backfilled with cuttings	SB @ 52 ft = 208	50	
52								
54								
56								
58								
60						1200		
62								
64								
66						1221		
68								
70								
72								
74		1240						
76								
78								
80			At 79 ft, becomes dusty (finer, less consolidated)					
82								
84								
86								
88								
90		1352						
92								
94								
96								
98								
100								
102								
104								
TD 105		1447	TD = 105 ft			SB @ 73 ft = 576	TD 105	
R.T. Hicks Consultants, Ltd 901 Rio Grande Blvd NW Suite F-142 Albuquerque, NM 87104		Murchison Oil & Gas			Plate #			
		Ogden 5A Release: Soil Boring Log			Sept 2023			



3-ft sample: demonstration of plasticity



6-ft sample: appearance of red clay at
bottom of auger

10-ft sample: auger (right), dolomite (bottom)





16-ft sample: Silt with gypsum or dolomite

20-ft sample: Auger (left) and vitreous gypsum shown (bottom)



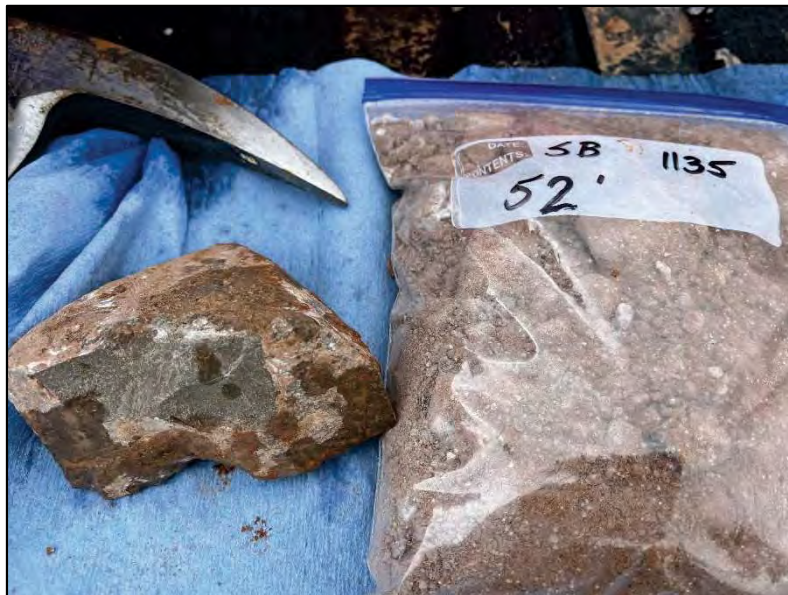
30-ft sample: Dolomite or gypsum with silt





42.5 ft-sample: Silt with dolomite

52-ft sample: hard limestone or dolomite in silt (left),
auger(right)



60-ft sample



73-ft sample: auger (left), silt with limestone or dolomite (above)

90-ft sample: returns have become dusty



Hard dolomite or limestone at 95 ft



Hard dolomite at 99 ft



105-ft sample from TD (above); spin of final TOOH (left)

Attachment VIII
Laboratory Analytical Results
(Submitted as separate file)

Attachment IX

NMSLO Gypsum Sites Seed Mixture

NMSLO Seed Mix**Lime – Gypsum (LG)****LIME – GYPSUM (LG) SITES SEED MIXTURE:**

COMMON NAME	VARIETY	APPLICATION RATE (PLS/Acre)	DRILL BOX
Black grama	VNS, Southern	1.0	D
Blue grama	Lovington	1.0	D
Sideoats grama	Vaughn, El Reno	4.0	F
Plains bristlegrass	VNS, Southern	2.0	D
Sand dropseed	VNS, Southern	2.0	S
Forbs:			
Firewheel (<i>Gaillardia</i>)	VNS, Southern	1.0	D
Annual Sunflower	VNS, Southern	1.0	D
Shrubs:			
Fourwing saltbush	VNS, Southern	1.0	F
Total PLS/acre		13.0	

S = Small seed drill box, D = Standard seed drill box, F = Fluffy seed drill box
 VNS = Variety Not Stated, PLS = Pure Live Seed

- Seed mixes should be provided in bags separating seed types into the three categories: small (S), standard (D) and fluffy (F).
- VNS, Southern – Seed should be from a southern latitude collection of this species.
- Double seed application rate for broadcast or hydroseeding.
- If one species is not available, contact the SLO for an approved substitute; alternatively the SLO may require other species proportionately increased.
- Additional information on these seed species can be found on the USDA Plants Database website at <http://plants.usda.gov>.



Attachment X
R360 Red Bluff Landfill Listing of Disposal Manifests

Facility	Invoice #	Ticket ID	Manifest Date	Manifest #	Account/Generator	Ordered By	API #	Well Name	Hauler Name	Driver	Product Name	Unit	Quantity
Red Bluff Landfill	RB28535	740-373769	10/28/2024	358653	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373543	10/28/2024	358697	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLD	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373541	10/28/2024	358749	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373540	10/28/2024	358652	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373539	10/28/2024	334160	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373537	10/28/2024	357834	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373536	10/28/2024	358662	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373534	10/28/2024	358668	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373533	10/28/2024	355071	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373532	10/28/2024	358721	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ABRAHAM	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373531	10/28/2024	357781	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANGEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373529	10/28/2024	357793	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	SAUL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373528	10/28/2024	357792	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	SAUL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373527	10/28/2024	358720	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ABRAHAM	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373526	10/28/2024	357780	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANGEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373525	10/28/2024	355072	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373523	10/28/2024	334159	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373520	10/28/2024	358667	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373519	10/28/2024	357833	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373518	10/28/2024	358651	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373517	10/28/2024	358661	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373515	10/28/2024	358691	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373514	10/28/2024	358692	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ABRAHAM	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373512	10/28/2024	357791	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	SAUL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373511	10/28/2024	357849	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373510	10/28/2024	358693	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	XANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373509	10/28/2024	334158	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373508	10/28/2024	327905	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373462	10/28/2024	358698	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373415	10/28/2024	357287	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373414	10/28/2024	358650	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373413	10/28/2024	327904	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373412	10/28/2024	358689	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28434	740-373411	10/28/2024	357779	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANGEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373856	10/29/2024	358893	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FRANCISCO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373855	10/29/2024	358672	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373854	10/29/2024	358734	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANGEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373853	10/29/2024	358747	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373852	10/29/2024	359073	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373851	10/29/2024	358766	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	SAUL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373850	10/29/2024	334164	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373849	10/29/2024	359138	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373819	10/29/2024	359006	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373807	10/29/2024	357844	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373800	10/29/2024	359005	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373799	10/29/2024	358696	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373798	10/29/2024	358894	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	francisco	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373797	10/29/2024	358671	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373796	10/29/2024	358735	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANGEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373795	10/29/2024	359074	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373794	10/29/2024	358748	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373793	10/29/2024	358765	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	SUAL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373784	10/29/2024	334162	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373783	10/29/2024	358663	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	HAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373782	10/29/2024	358891	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373781	10/29/2024	358890	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FRANCISCO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373780	10/29/2024	358669	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	INGANCIOS	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373778	10/29/2024	358694	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373777	10/29/2024	358732	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANGEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373776	10/29/2024	358745	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373774	10/29/2024	358763	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	SAUL	Contaminated Soil (RCRA Exempt)	yards	18

Red Bluff Landfill	RB28535	740-373773	10/29/2024	358657	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373772	10/29/2024	358665	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNODLO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373771	10/29/2024	334165	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373770	10/29/2024	258664	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373768	10/29/2024	358666	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373767	10/29/2024	358764	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	SAUL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373766	10/29/2024	358746	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373765	10/29/2024	358670	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373764	10/29/2024	358733	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANGEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373763	10/29/2024	358695	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373762	10/29/2024	358892	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FRANCISCO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373761	10/29/2024	357842	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	HAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373760	10/29/2024	334163	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-373759	10/29/2024	359004	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374331	10/30/2024	359417	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374329	10/30/2024	359140	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374328	10/30/2024	358658	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374327	10/30/2024	358750	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374326	10/30/2024	359072	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374325	10/30/2024	359192	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374324	10/30/2024	359172	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374323	10/30/2024	358673	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374322	10/30/2024	359003	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374321	10/30/2024	358768	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	SAUL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374319	10/30/2024	358723	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ABRAHAM	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374318	10/30/2024	359331	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MARCO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374316	10/30/2024	359170	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374315	10/30/2024	359218	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374314	10/30/2024	359317	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374313	10/30/2024	359075	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374312	10/30/2024	359010	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FRANCISCO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374311	10/30/2024	359002	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374310	10/30/2024	358769	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	SAUL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374309	10/30/2024	358724	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ABRAHAM	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374308	10/30/2024	359193	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374307	10/30/2024	358674	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374306	10/30/2024	359332	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MARCO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374305	10/30/2024	358737	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANGEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374304	10/30/2024	359217	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374303	10/30/2024	357794	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	SAUL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374302	10/30/2024	359011	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FRANCISCO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374301	10/30/2024	359171	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374300	10/30/2024	359190	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374299	10/30/2024	359076	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374298	10/30/2024	359075	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374297	10/30/2024	359009	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374296	10/30/2024	358660	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374087	10/30/2024	359139	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374086	10/30/2024	358738	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANGEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374085	10/30/2024	358895	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FRANCISCO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374084	10/30/2024	359008	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MARIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374083	10/30/2024	358767	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	SAUL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374082	10/30/2024	359007	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374081	10/30/2024	358722	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ABRAHAM	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374078	10/30/2024	358659	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374077	10/30/2024	359191	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374076	10/30/2024	358901	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374075	10/30/2024	359071	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374073	10/30/2024	359216	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374070	10/30/2024	357836	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374068	10/30/2024	359173	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374467	10/31/2024	359318	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28535	740-374466	10/31/2024	359145	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18

Red Bluff Landfill	RB28607	740-375265	11/4/2024	359223	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375264	11/4/2024	358677	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375263	11/4/2024	360091	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375262	11/4/2024	359080	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375261	11/4/2024	359893	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375260	11/4/2024	341813	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375259	11/4/2024	360007	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	GABRIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375258	11/4/2024	359650	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375257	11/4/2024	359677	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FRANCISCO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375256	11/4/2024	360048	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ABRAHAM	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375255	11/4/2024	360015	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	SAUL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375254	11/4/2024	359178	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375253	11/4/2024	358680	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375252	11/4/2024	360016	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	SAUL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375251	11/4/2024	360630	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375250	11/4/2024	359927	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375249	11/4/2024	359224	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375248	11/4/2024	360087	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375247	11/4/2024	360054	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375246	11/4/2024	360005	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	GABRIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375245	11/4/2024	359895	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375244	11/4/2024	359674	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FRANCISCO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375243	11/4/2024	359651	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375242	11/4/2024	360051	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ABRAHAM	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375091	11/4/2024	359656	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375486	11/5/2024	360815	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FRANCISCO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375485	11/5/2024	359929	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375484	11/5/2024	359410	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375483	11/5/2024	360820	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ABRAHAM	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375482	11/5/2024	360804	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375481	11/5/2024	360638	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375480	11/5/2024	360631	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375479	11/5/2024	360769	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375478	11/5/2024	360090	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375477	11/5/2024	359499	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375476	11/5/2024	360819	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ABRAHAM	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375475	11/5/2024	360720	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375474	11/5/2024	359082	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375473	11/5/2024	359412	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375472	11/5/2024	360816	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FRANCISCO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375471	11/5/2024	360988	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375470	11/5/2024	361000	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375469	11/5/2024	359498	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375468	11/5/2024	360803	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375467	11/5/2024	360822	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ABRAHAM	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375466	11/5/2024	360821	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ABRAHAM	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375465	11/5/2024	360635	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375464	11/5/2024	360632	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375463	11/5/2024	360089	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375462	11/5/2024	360719	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375461	11/5/2024	360989	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375460	11/5/2024	360994	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375459	11/5/2024	361177	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375458	11/5/2024	359497	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375457	11/5/2024	360633	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375456	11/5/2024	360088	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375455	11/5/2024	360802	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375454	11/5/2024	360718	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375453	11/5/2024	360636	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375452	11/5/2024	360818	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FRANCISCO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375451	11/5/2024	359409	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375450	11/5/2024	359081	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375449	11/5/2024	360990	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18

Red Bluff Landfill	RB28607	740-376064	11/6/2024	361352	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376065	11/6/2024	360813	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EDELIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376063	11/6/2024	361383	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376062	11/6/2024	361004	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FRANCISCO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376061	11/6/2024	360811	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EDDIE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376060	11/6/2024	360807	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376059	11/6/2024	361137	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376058	11/6/2024	361330	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376057	11/6/2024	360639	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376056	11/6/2024	359230	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376055	11/6/2024	359411	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376054	11/6/2024	360806	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376052	11/6/2024	359500	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376053	11/6/2024	361353	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376051	11/6/2024	361331	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376049	11/6/2024	361384	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376050	11/6/2024	360637	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376048	11/6/2024	360992	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376047	11/6/2024	361139	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376046	11/6/2024	361346	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	A RUIZ	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376045	11/6/2024	360993	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSI	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376044	11/6/2024	361002	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FRANCISCO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376030	11/6/2024	360810	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EDDIE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376028	11/6/2024	361052	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376026	11/6/2024	360809	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376023	11/6/2024	360640	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376021	11/6/2024	361138	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376019	11/6/2024	360781	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376014	11/6/2024	359182	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376002	11/6/2024	361044	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375999	11/6/2024	361382	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375997	11/6/2024	360991	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSI	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375992	11/6/2024	361345	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375983	11/6/2024	360812	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EDDIE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375981	11/6/2024	360817	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FRANCISCO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375980	11/6/2024	359228	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375979	11/6/2024	360641	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375978	11/6/2024	361053	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375977	11/6/2024	360808	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375976	11/6/2024	359892	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375975	11/6/2024	360634	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375974	11/6/2024	360721	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375973	11/6/2024	361045	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375972	11/6/2024	361051	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375971	11/6/2024	361043	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375970	11/6/2024	360780	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375969	11/6/2024	361003	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FRANCISCO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-375968	11/6/2024	361589	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
CRI	C290867	700-1644857	11/6/2024	HW-716586	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	RYR HILL OILFIELD SERV	EDGAR	Contaminated Soil (RCRA Exempt)	yards	10
CRI	C290867	700-1644857	11/6/2024	HW-716586	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	RYR HILL OILFIELD SERV	EDGAR	Jet Wash (Recycled Water)	hour	1
Red Bluff Landfill	RB28607	740-376350	11/7/2024	360999	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSI	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376349	11/7/2024	360995	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSI	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376348	11/7/2024	361355	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376347	11/7/2024	361008	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FRANCISCO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376346	11/7/2024	361351	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376345	11/7/2024	360723	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376260	11/7/2024	361584	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EDELIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376259	11/7/2024	360785	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376258	11/7/2024	361140	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376257	11/7/2024	361005	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FRANCISCO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376256	11/7/2024	361349	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376255	11/7/2024	361354	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376254	11/7/2024	361055	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18

Red Bluff Landfill	RB28607	740-376253	11/7/2024	360997	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSI	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376252	11/7/2024	360643	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376251	11/7/2024	361583	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EDELIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376250	11/7/2024	361578	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376249	11/7/2024	361334	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376248	11/7/2024	360968	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376247	11/7/2024	360784	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376246	11/7/2024	361141	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376245	11/7/2024	361006	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FRANCISCO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376244	11/7/2024	360644	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376243	11/7/2024	361347	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376242	11/7/2024	361358	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376241	11/7/2024	360996	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376240	11/7/2024	361056	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376239	11/7/2024	361333	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	CARLSON	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376238	11/7/2024	361046	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376237	11/7/2024	360722	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376236	11/7/2024	361587	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EDELIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376235	11/7/2024	360642	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376234	11/7/2024	361050	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376233	11/7/2024	360962	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376231	11/7/2024	361348	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376230	11/7/2024	361357	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376229	11/7/2024	360782	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376228	11/7/2024	361580	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376227	11/7/2024	361332	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376226	11/7/2024	361047	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376225	11/7/2024	361582	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EDELIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376224	11/7/2024	361579	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376223	11/7/2024	361335	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376222	11/7/2024	361048	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376221	11/7/2024	361581	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376220	11/7/2024	360645	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376584	11/8/2024	361991	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376583	11/8/2024	361356	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376582	11/8/2024	361992	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376581	11/8/2024	360727	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376580	11/8/2024	360725	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376579	11/8/2024	360724	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376578	11/8/2024	361791	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376577	11/8/2024	361793	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376576	11/8/2024	361789	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376575	11/8/2024	361792	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376574	11/8/2024	361320	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376573	11/8/2024	361049	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376572	11/8/2024	361319	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376571	11/8/2024	361318	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376570	11/8/2024	361011	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FRANCISCO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376569	11/8/2024	361009	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FRANCISCO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376568	11/8/2024	361010	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FRANCISCO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376567	11/8/2024	361795	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376566	11/8/2024	361797	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376565	11/8/2024	361796	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376564	11/8/2024	361794	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376563	11/8/2024	361058	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376562	11/8/2024	361057	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376561	11/8/2024	361902	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376560	11/8/2024	361903	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376559	11/8/2024	360825	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ABRAHAM	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376558	11/8/2024	360824	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ABRAHAM	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376557	11/8/2024	360826	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ABRAHAM	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376556	11/8/2024	361919	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFREN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28607	740-376555	11/8/2024	361918	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFREN	Contaminated Soil (RCRA Exempt)	yards	18

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Red Bluff Landfill	RB28661	740-379177	11/21/2024	358900	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379175	11/21/2024	RB372619	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379174	11/21/2024	RB372854	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379173	11/21/2024	RB372883	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FRANCISCO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379172	11/21/2024	RB372628	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379171	11/21/2024	RB372701	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EDDIE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379169	11/21/2024	RB372930	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379168	11/21/2024	RB373004	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379166	11/21/2024	RB373108	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379165	11/21/2024	RB372655	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379163	11/21/2024	RB372830	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379161	11/21/2024	RB372618	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379160	11/21/2024	RB372890	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FRANCISCO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379158	11/21/2024	RB372851	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379156	11/21/2024	RB372627	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379155	11/21/2024	RB372700	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EDDIE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379153	11/21/2024	RB372953	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379152	11/21/2024	RB372917	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379150	11/21/2024	RB372643	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379149	11/21/2024	RB372641	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379147	11/21/2024	RB372817	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ABRAHAM	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379146	11/21/2024	RB373003	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379144	11/21/2024	RB372656	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379143	11/21/2024	RB372607	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379142	11/21/2024	RB373112	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379140	11/21/2024	RB372931	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379138	11/21/2024	RB372925	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379136	11/21/2024	RB372853	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379050	11/21/2024	372731	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28784	740-379771	11/22/2024	RB372959	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28784	740-379769	11/22/2024	8009047	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EDDIE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28784	740-379767	11/22/2024	RB373164	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOS	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28784	740-379766	11/22/2024	RB372991	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28784	740-379764	11/22/2024	RB372702	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28784	740-379762	11/22/2024	RB373009	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28784	740-379760	11/22/2024	RB372885	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28784	740-379759	11/22/2024	RB372875	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28784	740-379758	11/22/2024	RB373225	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28784	740-379756	11/22/2024	RB373370	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28784	740-379754	11/22/2024	RB373109	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28784	740-379572	11/22/2024	373012	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28784	740-379571	11/22/2024	372876	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28784	740-379570	11/22/2024	8009048	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EDDIE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28784	740-379569	11/22/2024	372958	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28784	740-379568	11/22/2024	373165	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28784	740-379567	11/22/2024	372608	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28784	740-379566	11/22/2024	372990	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28784	740-379565	11/22/2024	373008	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28784	740-379564	11/22/2024	372886	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28784	740-379563	11/22/2024	373210	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28784	740-379562	11/22/2024	8009231	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379464	11/22/2024	RB373084	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379463	11/22/2024	RB372637	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379461	11/22/2024	RB373128	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379460	11/22/2024	RB372773	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FRANCISCO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379458	11/22/2024	RB372609	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379457	11/22/2024	RB372644	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379456	11/22/2024	RB373006	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379454	11/22/2024	RB373111	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379453	11/22/2024	RB373361	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALAVRO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379452	11/22/2024	RB373010	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANEIL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379451	11/22/2024	RB372932	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28661	740-379450	11/22/2024	RB373368	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yards	18

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Red Bluff Landfill	RB28868	740-381199	12/5/2024	8004958	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DAVID	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381198	12/5/2024	8004962	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381197	12/5/2024	RB373638	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381196	12/5/2024	RB373632	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MANUEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381195	12/5/2024	8004887	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381194	12/5/2024	8004988	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381193	12/5/2024	8004860	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381192	12/5/2024	8004899	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381191	12/5/2024	322852	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381190	12/5/2024	8004928	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381189	12/5/2024	RB373607	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381188	12/5/2024	8004917	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381187	12/5/2024	8004933	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381186	12/5/2024	8004976	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381185	12/5/2024	RB373603	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFREN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381184	12/5/2024	8004959	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DAVID	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381183	12/5/2024	8004810	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381182	12/5/2024	8004964	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381181	12/5/2024	RB373636	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MANUEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381180	12/5/2024	8004888	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381179	12/5/2024	8004987	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381178	12/5/2024	8004859	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381177	12/5/2024	8004898	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381175	12/5/2024	322853	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381174	12/5/2024	8004927	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	1

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Red Bluff Landfill	RB28868	740-381500	12/9/2024	RB373734	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNODLO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381499	12/9/2024	RB373901	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNAOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381498	12/9/2024	RB373846	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381496	12/9/2024	RB373897	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFREN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381495	12/9/2024	8004879	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381493	12/9/2024	RB373877	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381491	12/9/2024	RB373633	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ABRAHAM	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381490	12/9/2024	8004979	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381489	12/9/2024	8004998	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381488	12/9/2024	RB373773	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381487	12/9/2024	RB373855	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381486	12/9/2024	RB373895	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381485	12/9/2024	RB373640	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381484	12/9/2024	RB373844	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381483	12/9/2024	RB373779	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381474	12/9/2024	RB373714	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381457	12/9/2024	RB373733	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381454	12/9/2024	RB373684	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381453	12/9/2024	RB373719	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	HECTOR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381450	12/9/2024	8004889	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381446	12/9/2024	RB373664	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381445	12/9/2024	8004931	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381444	12/9/2024	RB373776	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381443	12/9/2024	RB373791	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381442	12/9/2024	RB373710	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFREN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381440	12/9/2024	RB373718	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	HECTOR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381439	12/9/2024	RB373715	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381438	12/9/2024	8004971	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381437	12/9/2024	RB373725	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381433	12/9/2024	RB373624	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381745	12/10/2024	RB374071	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381716	12/10/2024	RB373735	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381712	12/10/2024	RB374209	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381711	12/10/2024	RB37450	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381710	12/10/2024	RB374252	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFREN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381709	12/10/2024	RB374194	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	UBALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381708	12/10/2024	RB374099	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381707	12/10/2024	RB374182	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381706	12/10/2024	RB374061	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ABRAHAM	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381705	12/10/2024	RB373816	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DAVID	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381704	12/10/2024	RB373807	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381703	12/10/2024	RB374189	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JIAME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381702	12/10/2024	RB374283	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381701	12/10/2024	RB373994	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381700	12/10/2024	RB374073	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381699	12/10/2024	RB374064	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381698	12/10/2024	RB374012	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381697	12/10/2024	RB374095	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381696	12/10/2024	RB374211	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381695	12/10/2024	RB373904	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381694	12/10/2024	RB374049	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381693	12/10/2024	RB374195	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	URBABLD	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381692	12/10/2024	RB374186	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	HAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381691	12/10/2024	RB374068	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFREN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381690	12/10/2024	RB374179	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381689	12/10/2024	RB374059	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ABRAHAM	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381688	12/10/2024	RB374097	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381687	12/10/2024	RB373991	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381686	12/10/2024	RB373804	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381685	12/10/2024	RB373818	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DAVID	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381684	12/10/2024	RB374072	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381683	12/10/2024	RB373689	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381682	12/10/2024	RB374010	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18

Red Bluff Landfill	RB28868	740-381681	12/10/2024	RB374094	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381680	12/10/2024	RB374232	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381679	12/10/2024	RB374214	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RICARDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381678	12/10/2024	RB374212	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALEJANDRO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381677	12/10/2024	RB374213	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JULIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381676	12/10/2024	RB374207	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381675	12/10/2024	RB374051	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381674	12/10/2024	RB373878	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381673	12/10/2024	RB374190	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	UBALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381672	12/10/2024	RB373627	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381671	12/10/2024	RB374067	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFREN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381670	12/10/2024	RB373992	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381669	12/10/2024	RB374062	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ABRAHAM	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381668	12/10/2024	8004926	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381667	12/10/2024	8004909	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381666	12/10/2024	8004758	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DAVID	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381665	12/10/2024	RB373805	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381664	12/10/2024	RB373646	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381663	12/10/2024	RB374013	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381662	12/10/2024	8004905	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381661	12/10/2024	RB374162	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381660	12/10/2024	RB374163	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381659	12/10/2024	RB374004	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	UBALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381658	12/10/2024	RB373774	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381656	12/10/2024	RB373683	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381655	12/10/2024	RB374069	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFREN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381654	12/10/2024	RB373993	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381653	12/10/2024	RB374060	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ABRAHAM	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381652	12/10/2024	RB374070	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381651	12/10/2024	8004999	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JUGO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381650	12/10/2024	RB373988	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381649	12/10/2024	RB373647	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381648	12/10/2024	8004904	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381647	12/10/2024	RB374011	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381646	12/10/2024	RB373820	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DAVID	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28868	740-381645	12/10/2024	RB373806	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382069	12/11/2024	RB374269	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382068	12/11/2024	RB374286	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382067	12/11/2024	RB374312	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382066	12/11/2024	RB374295	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382065	12/11/2024	8004910	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	jorge	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382064	12/11/2024	RB374020	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	daniel	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382063	12/11/2024	RB373883	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382062	12/11/2024	RB374236	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382061	12/11/2024	RB374303	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382060	12/11/2024	RB374177	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382059	12/11/2024	RB373817	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DAVID	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382058	12/11/2024	RB373849	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382057	12/11/2024	RB374244	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382056	12/11/2024	RB374192	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382055	12/11/2024	RB374268	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382054	12/11/2024	RB374285	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382053	12/11/2024	RB374310	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382052	12/11/2024	RB374294	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382051	12/11/2024	RB374180	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382050	12/11/2024	RB373882	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382049	12/11/2024	RB374237	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382048	12/11/2024	RB374176	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382047	12/11/2024	RB374015	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382046	12/11/2024	RB374053	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382045	12/11/2024	RB373780	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382044	12/11/2024	RB374251	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DAVID	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382043	12/11/2024	RB374245	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18

Red Bluff Landfill	RB28869	740-382599	12/13/2024	RB368963	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RFREN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382598	12/13/2024	RB374418	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNAOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382597	12/13/2024	RB369146	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANEIL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382596	12/13/2024	RB368934	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382595	12/13/2024	RB369202	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382594	12/13/2024	RB369249	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382593	12/13/2024	RB369291	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382592	12/13/2024	RB368984	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382591	12/13/2024	RB369199	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382590	12/13/2024	RB363015	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EDDIE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382589	12/13/2024	RB373783	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382588	12/13/2024	RB369237	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382587	12/13/2024	RB368990	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DAVID	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382586	12/13/2024	RB368926	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	NOE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382585	12/13/2024	RB369441	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ROBERTO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382584	12/13/2024	RB369414	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382583	12/13/2024	RB369451	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382582	12/13/2024	RB368964	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFREN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382581	12/13/2024	RB369147	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382580	12/13/2024	RB374413	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDLO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382579	12/13/2024	RB369563	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382578	12/13/2024	RB368933	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382577	12/13/2024	RB369203	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382576	12/13/2024	RB369251	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382575	12/13/2024	RB369294	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382574	12/13/2024	RB369551	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382573	12/13/2024	RB363017	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EDDIE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382572	12/13/2024	RB368970	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382571	12/13/2024	RB368991	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382570	12/13/2024	RB369435	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	NOEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382569	12/13/2024	RB369442	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ROBERTO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382568	12/13/2024	RB369452	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382567	12/13/2024	RB369148	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382566	12/13/2024	RB369416	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382565	12/13/2024	RB368965	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFREN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382326	12/13/2024	RB368948	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382283	12/13/2024	RB374416	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382809	12/16/2024	RB368611	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28869	740-382808	12/16/2024	RB369996	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANGEL	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28869	740-382807	12/16/2024	RB374409	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382806	12/16/2024	333457	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382805	12/16/2024	RB369627	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382804	12/16/2024	RB369623	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DAVID	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382803	12/16/2024	RB369553	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382802	12/16/2024	RB369940	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382801	12/16/2024	RB369152	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382800	12/16/2024	RB369458	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382799	12/16/2024	RB369255	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382798	12/16/2024	RB369425	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382797	12/16/2024	RB369241	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382796	12/16/2024	RB369420	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382795	12/16/2024	RB369321	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382794	12/16/2024	333456	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382793	12/16/2024	RB369596	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382792	12/16/2024	RB374187	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382791	12/16/2024	RB369995	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANGEL	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28869	740-382790	12/16/2024	RB374411	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382789	12/16/2024	RB369994	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28869	740-382788	12/16/2024	RB369566	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382787	12/16/2024	RB369612	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382786	12/16/2024	RB369151	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382785	12/16/2024	RB374210	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382784	12/16/2024	RB369622	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DAVID	Contaminated Soil (RCRA Exempt)	yards	18

Red Bluff Landfill	RB28869	740-382778	12/16/2024	RB369457	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382777	12/16/2024	RB369445	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382776	12/16/2024	RB369426	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382775	12/16/2024	RB369252	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382774	12/16/2024	RB369240	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382773	12/16/2024	RB369206	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382772	12/16/2024	RB369417	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382771	12/16/2024	RB368862	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382769	12/16/2024	RB369207	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382768	12/16/2024	RB374287	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382767	12/16/2024	RB374422	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382766	12/16/2024	RB369939	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382765	12/16/2024	RB369565	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382764	12/16/2024	RB369552	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382763	12/16/2024	RB369456	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382762	12/16/2024	RB369150	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382761	12/16/2024	RB369253	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382760	12/16/2024	RB369444	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ROBERTO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382759	12/16/2024	RB369621	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DAVID	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382758	12/16/2024	RB369239	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382757	12/16/2024	RB369418	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382756	12/16/2024	RB369427	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382755	12/16/2024	RB369319	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382754	12/16/2024	RB369594	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382753	12/16/2024	RB369208	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382752	12/16/2024	RB368949	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382751	12/16/2024	333458	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382750	12/16/2024	RB374421	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382749	12/16/2024	RB374208	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382748	12/16/2024	RB369564	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382747	12/16/2024	RB369149	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382746	12/16/2024	RB369254	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382745	12/16/2024	RB369238	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382744	12/16/2024	RB369453	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382743	12/16/2024	RB369443	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ROBERTO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382742	12/16/2024	RB369419	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382741	12/16/2024	RB369620	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DAVID	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382740	12/16/2024	RB369428	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382739	12/16/2024	RB369593	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382738	12/16/2024	RB369209	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382737	12/16/2024	RB369554	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382736	12/16/2024	RB369320	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382735	12/16/2024	RB369200	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382770	12/16/2024	RB369595	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383259	12/17/2024	RB368745	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28869	740-383255	12/17/2024	RB363601	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28869	740-383254	12/17/2024	RB363602	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28869	740-383252	12/17/2024	RB363603	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28869	740-383251	12/17/2024	RB368753	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28869	740-383250	12/17/2024	RB368746	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28869	740-383249	12/17/2024	RB368747	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383248	12/17/2024	RB368738	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RIGO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383247	12/17/2024	RB368739	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RIGO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383246	12/17/2024	RB368740	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RIGO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28869	740-383244	12/17/2024	RB368737	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RIGO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383243	12/17/2024	RB368754	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383242	12/17/2024	RB368766	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383241	12/17/2024	RB368795	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383240	12/17/2024	RB374098	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383239	12/17/2024	RB368648	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383238	12/17/2024	RB363667	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383237	12/17/2024	RB368736	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RICARDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383236	12/17/2024	RB369984	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18

Red Bluff Landfill	RB28869	740-383235	12/17/2024	RB374188	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383233	12/17/2024	RB368680	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383232	12/17/2024	RB368619	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383231	12/17/2024	RB368661	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383230	12/17/2024	RB369210	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383229	12/17/2024	RB369909	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383228	12/17/2024	RB368761	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383226	12/17/2024	RB374297	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383225	12/17/2024	RB368724	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383224	12/17/2024	RB368732	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RICARDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383223	12/17/2024	RB369631	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383222	12/17/2024	RB368950	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383221	12/17/2024	RB369983	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383220	12/17/2024	RB368681	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383219	12/17/2024	RB368660	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383218	12/17/2024	RB368643	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383217	12/17/2024	RB369908	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383216	12/17/2024	RB368618	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383215	12/17/2024	RB369212	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383214	12/17/2024	RB368760	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383213	12/17/2024	RB368793	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383212	12/17/2024	RB368936	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383211	12/17/2024	RB368723	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383210	12/17/2024	RB369950	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383209	12/17/2024	RB368731	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RICARDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383208	12/17/2024	RB369629	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383207	12/17/2024	RB368678	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383206	12/17/2024	RB369910	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383205	12/17/2024	RB368659	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383204	12/17/2024	RB369985	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383203	12/17/2024	RB369211	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383202	12/17/2024	RB368644	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383201	12/17/2024	RB373880	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383200	12/17/2024	333455	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-383199	12/17/2024	RB368935	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382861	12/17/2024	RB368722	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RICARDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382859	12/17/2024	RB368649	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382857	12/17/2024	RB369628	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382856	12/17/2024	RB368679	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382855	12/17/2024	RB369907	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382854	12/17/2024	RB368658	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382853	12/17/2024	8004906	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382852	12/17/2024	RB369986	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28869	740-382851	12/17/2024	RB368645	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383363	12/18/2024	RB368741	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RIGO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383362	12/18/2024	RB363605	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383361	12/18/2024	RB363754	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383360	12/18/2024	RB363749	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	GERMAN	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383359	12/18/2024	RB363604	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383358	12/18/2024	RB363750	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	GERMAN	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383357	12/18/2024	RB368743	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RIGO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383356	12/18/2024	RB368742	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RIGO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383355	12/18/2024	RB363752	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	GERMAN	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383354	12/18/2024	RB363756	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383353	12/18/2024	RB363607	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383352	12/18/2024	RB363755	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383351	12/18/2024	RB368744	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RIGO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383350	12/18/2024	RB363751	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	GERMAN	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383349	12/18/2024	RB363757	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383348	12/18/2024	RB363658	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383347	12/18/2024	RB368683	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383346	12/18/2024	RB369955	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383345	12/18/2024	RB369143	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18

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Red Bluff Landfill	RB28992	740-383536	12/19/2024	RB363966	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383535	12/19/2024	RB363935	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	GERMAN	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383534	12/19/2024	RB363761	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383533	12/19/2024	RB363763	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383532	12/19/2024	RB363769	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383531	12/19/2024	RB363759	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383530	12/19/2024	RB363608	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383529	12/19/2024	RB363934	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	GERMAN	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383528	12/19/2024	RB363952	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383527	12/19/2024	RB363606	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383526	12/19/2024	RB363770	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383525	12/19/2024	RB363760	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383524	12/19/2024	RB363610	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383523	12/19/2024	RB363933	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	GERMAN	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383522	12/19/2024	RB363953	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383521	12/19/2024	RB363964	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383519	12/19/2024	RB369948	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383518	12/19/2024	RB363731	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383517	12/19/2024	RB369956	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383516	12/19/2024	RB369635	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383515	12/19/2024	RB368939	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ABRAHAM	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383514	12/19/2024	RB364088	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383513	12/19/2024	RB368626	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383512	12/19/2024	RB363965	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383511	12/19/2024	RB369142	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383510	12/19/2024	RB364025	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DAVID	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383509	12/19/2024	RB364031	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383508	12/19/2024	RB369947	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383507	12/19/2024	RB364001	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383506	12/19/2024	RB363993	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383505	12/19/2024	RB368686	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383504	12/19/2024	RB363984	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383503	12/19/2024	RB364018	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383502	12/19/2024	RB364087	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383501	12/19/2024	RB368650	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383500	12/19/2024	RB364030	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383499	12/19/2024	RB364024	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DAVID	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383498	12/19/2024	RB369946	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383497	12/19/2024	RB363792	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RAYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383496	12/19/2024	RB363643	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383495	12/19/2024	RB363992	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383494	12/19/2024	342182	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383493	12/19/2024	RB363700	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383492	12/19/2024	RB369636	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383491	12/19/2024	RB364092	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383490	12/19/2024	RB364026	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DAVIE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383489	12/19/2024	RB369141	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383488	12/19/2024	RB368995	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383487	12/19/2024	RB368652	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383486	12/19/2024	RB368627	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383485	12/19/2024	363793	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RAYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383484	12/19/2024	RB368940	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ABRAHAM	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383483	12/19/2024	RB363930	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RICARDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383462	12/19/2024	RB363768	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383461	12/19/2024	RB363758	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383449	12/19/2024	RB363951	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383448	12/19/2024	RB363932	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	GERMAN	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383447	12/19/2024	RB363963	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383446	12/19/2024	RB368800	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383445	12/19/2024	RB368651	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383444	12/19/2024	RB363731	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383443	12/19/2024	RB369693	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383442	12/19/2024	RB369945	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18

Red Bluff Landfill	RB28992	740-384040	12/23/2024	RB369437	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	NOEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-384039	12/23/2024	RB368647	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-384038	12/23/2024	RB369991	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-384037	12/23/2024	RB364545	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383923	12/23/2024	RB364667	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383922	12/23/2024	RB363950	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383921	12/23/2024	RB364560	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RIGO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383920	12/23/2024	RB364668	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ENRIQUE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383919	12/23/2024	RB364688	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383918	12/23/2024	RB369439	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	NOEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383917	12/23/2024	RB363684	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383916	12/23/2024	RB369113	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EDGAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383915	12/23/2024	RB364076	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383914	12/23/2024	RB364694	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383913	12/23/2024	RB363989	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-383909	12/23/2024	RB363767	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RIGO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383908	12/23/2024	RB363976	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383907	12/23/2024	RB364673	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ENRIQUE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383906	12/23/2024	RB364666	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383905	12/23/2024	RB368759	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383896	12/23/2024	RB364559	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RIGO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383895	12/23/2024	RB363977	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383894	12/23/2024	RB364672	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ENRIQUE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383893	12/23/2024	RB364164	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383891	12/23/2024	RB364544	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383890	12/23/2024	RB364543	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383887	12/23/2024	RB363971	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ENRIQUE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383886	12/23/2024	RB363968	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383885	12/23/2024	RB363885	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383884	12/23/2024	RB368752	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383883	12/23/2024	RB368758	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-383882	12/23/2024	RB364216	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RIGO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-384050	12/24/2024	RB364296	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-384042	12/24/2024	RB369421	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-384333	12/26/2024	RB365132	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-384331	12/26/2024	RB365137	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MOISES	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-384329	12/26/2024	RB364676	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ENRIQUE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-384327	12/26/2024	RB365161	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-384325	12/26/2024	RB365115	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANGEL	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-384323	12/26/2024	RB364547	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-384321	12/26/2024	RB364727	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RIGO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-384319	12/26/2024	RB365136	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MOISES	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-384317	12/26/2024	RB365131	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-384315	12/26/2024	RB364675	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ENRIQUE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-384313	12/26/2024	RB364671	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-384311	12/26/2024	RB365112	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANGEL	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-384310	12/26/2024	RB364548	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-384309	12/26/2024	RB364665	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RIGO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-384308	12/26/2024	RB365133	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MOISES	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-384307	12/26/2024	RB363970	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-384306	12/26/2024	RB363687	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MANUEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-384305	12/26/2024	RB364674	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ENRIQUE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-384304	12/26/2024	RB364670	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB28992	740-384303	12/26/2024	RB369133	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALEANDRO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-384302	12/26/2024	RB374018	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIKEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-384301	12/26/2024	RB364283	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EDGAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-384300	12/26/2024	RB368694	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DAVID	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-384299	12/26/2024	RB364300	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-384298	12/26/2024	RB365117	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-384297	12/26/2024	RB365124	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ROBERTO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-384296	12/26/2024	RB364708	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-384295	12/26/2024	RB364281	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFGAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB28992	740-384294	12/26/2024	RB363686	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MANUEL	Contaminated Soil (RCRA Exempt)	yards	18

Red Bluff Landfill	RB29037	740-384547	12/27/2024	RB365197	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384546	12/27/2024	RB365200	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	URIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384545	12/27/2024	RB365118	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384544	12/27/2024	RB365125	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ROBERTO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384543	12/27/2024	RB364284	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EDGAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384542	12/27/2024	RB365183	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384541	12/27/2024	RB365182	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384540	12/27/2024	RB365375	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384539	12/27/2024	RB364238	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384538	12/27/2024	RB365330	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MANUEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384537	12/27/2024	RB364147	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384536	12/27/2024	RB364710	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384535	12/27/2024	RB365309	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALEJANDRO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384534	12/27/2024	RB369624	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DAVID	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384533	12/27/2024	RB365195	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384532	12/27/2024	RB365126	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ROBERTO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384531	12/27/2024	RB365119	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384530	12/27/2024	RB365301	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	URIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384529	12/27/2024	RB365179	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384528	12/27/2024	RB364239	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384527	12/27/2024	RB365379	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384525	12/27/2024	RB364285	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EDGAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384524	12/27/2024	RB364270	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384522	12/27/2024	RB365310	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALEJANDRO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384521	12/27/2024	RB365329	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY				

Red Bluff Landfill	RB29037	740-384463	12/27/2024	RB365366	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29037	740-384462	12/27/2024	RB365315	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ENRIQUE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29037	740-384461	12/27/2024	RB364729	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RIGO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29037	740-384460	12/27/2024	RB364267	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384459	12/27/2024	RB365114	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANGEL	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29037	740-384458	12/27/2024	RB365328	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29037	740-384457	12/27/2024	RB365325	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29037	740-384456	12/27/2024	RB365317	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ENRIQUE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29037	740-384455	12/27/2024	RB365165	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29037	740-384454	12/27/2024	RB365166	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29037	740-384453	12/27/2024	RB365316	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ENRIQUE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29037	740-384452	12/27/2024	RB365134	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29037	740-384451	12/27/2024	RB365326	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29037	740-384450	12/27/2024	RB364728	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RIGO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29037	740-384449	12/27/2024	RB364218	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	AMGEL	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29037	740-384526	12/28/2024	RB365181	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384523	12/28/2024	RB365194	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29168	740-386864	12/30/2024	RB365450	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO ZAMORA	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384845	12/30/2024	RB364148	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384844	12/30/2024	RB369144	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DAVID	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384843	12/30/2024	RB365411	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384842	12/30/2024	RB365449	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384841	12/30/2024	RB365333	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MANUEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384840	12/30/2024	RB363691	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384839	12/30/2024	RB364197	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384838	12/30/2024	355030	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384837	12/30/2024	RB364242	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	LEONEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384836	12/30/2024	RB364227	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384835	12/30/2024	RB365191	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384834	12/30/2024	RB364287	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EDGAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384833	12/30/2024	RB364717	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	NOEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384832	12/30/2024	RB365680	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384831	12/30/2024	RB364019	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384830	12/30/2024	RB365699	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384829	12/30/2024	RB364290	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384828	12/30/2024	RB365437	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29037	740-384827	12/30/2024	RB364149	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384826	12/30/2024	RB369140	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DAVID	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384825	12/30/2024	RB365412	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384824	12/30/2024	RB365448	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384823	12/30/2024	RB364196	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384822	12/30/2024	RB364228	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384821	12/30/2024	RB365682	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384820	12/30/2024	RB373595	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384819	12/30/2024	RB364718	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	NOEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384818	12/30/2024	RB365192	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384817	12/30/2024	RB365336	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MANUEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384816	12/30/2024	RB363690	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384815	12/30/2024	RB373596	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	LEONEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384814	12/30/2024	RB365383	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384813	12/30/2024	RB365426	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EDGAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384812	12/30/2024	RB365382	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384811	12/30/2024	RB365698	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384810	12/30/2024	RB363699	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384809	12/30/2024	RB364291	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384808	12/30/2024	RB365435	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29037	740-384807	12/30/2024	RB364660	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARMANDO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29037	740-384806	12/30/2024	RB364150	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384805	12/30/2024	RB365414	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384804	12/30/2024	RB374248	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DAVID	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384803	12/30/2024	RB364198	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	FERNANDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384802	12/30/2024	RB364229	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29037	740-384801	12/30/2024	RB365193	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18

Red Bluff Landfill	RB29104	740-385025	1/2/2025	RB365701	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385024	1/2/2025	RB365323	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385023	1/2/2025	RB365436	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385022	1/2/2025	RB366084	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ENRIQUE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385110	1/2/2025	RB365763	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	URIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29104	740-385108	1/2/2025	RB369099	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29104	740-385107	1/2/2025	RB369423	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29104	740-385106	1/2/2025	RB365747	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29104	740-385105	1/2/2025	RB366101	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSI	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29104	740-385104	1/2/2025	RB363695	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29104	740-385103	1/2/2025	RB365620	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DAVID	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29104	740-385102	1/2/2025	RB365721	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFFRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29104	740-385101	1/2/2025	RB364008	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29104	740-385100	1/2/2025	RB365685	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	OSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29104	740-385099	1/2/2025	RB365639	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARMANDO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385098	1/2/2025	RB364724	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	NOEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29104	740-385097	1/2/2025	RB364680	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29104	740-385096	1/2/2025	RB368726	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JORGE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29104	740-385095	1/2/2025	RB364293	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29104	740-385094	1/2/2025	RB365749	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29104	740-385093	1/2/2025	RB365612	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29104	740-385092	1/2/2025	RB364265	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	IGNACIO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29104	740-385091	1/2/2025	RB365722	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	EFFRAIN	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29104	740-385090	1/2/2025	RB365657	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29104	740-385089	1/2/2025	RB365686	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29104	740-385088	1/2/2025	RB365305	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOAE	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29104	740-385087	1/2/2025	RB365760	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	URIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29104	740-385086	1/2/2025	RB366102	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSI	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29104	740-385085	1/2/2025	RB363694	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARNOLDO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29104	740-385084	1/2/2025	RB365386	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29104	740-385083	1/2/2025	RB366124	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ALVARO	Contaminated Soil (RCRA Exempt)	yards	18
Red Bluff Landfill	RB29104	740-385240	1/3/2025	RB366082	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ENRIQUE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385232	1/3/2025	RB366092	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385231	1/3/2025	RB366088	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385230	1/3/2025	RB365645	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385229	1/3/2025	RB366093	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385228	1/3/2025	RB366166	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RIGO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385227	1/3/2025	RB366169	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARMANDO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385226	1/3/2025	RB366079	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ENRIQUE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385225	1/3/2025	RB369998	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385224	1/3/2025	RB365707	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385223	1/3/2025	RB365646	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385222	1/3/2025	RB368603	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385221	1/3/2025	RB366167	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARMANDO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385220	1/3/2025	RB3653637	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RIGO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385219	1/3/2025	RB365170	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385218	1/3/2025	RB366089	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385176	1/3/2025	RB366096	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385175	1/3/2025	RB366086	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385174	1/3/2025	RB365706	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385173	1/3/2025	RB366165	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARMANSO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385172	1/3/2025	RB366083	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ENRIQUE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385171	1/3/2025	RB365644	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385170	1/3/2025	RB365322	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ENRIQUE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385169	1/3/2025	RB365636	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RIGO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385168	1/3/2025	RB365633	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385167	1/3/2025	RB365640	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	ARMANDO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385166	1/3/2025	RB366095	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385165	1/3/2025	RB365642	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385164	1/3/2025	RB365705	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385163	1/3/2025	RB366090	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385162	1/3/2025	RB366164	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	RIGO	Contaminated Soil (RCRA Exempt)	yards	12
Red Bluff Landfill	RB29104	740-385161	1/3/2025	RB364553	MURCHISON OIL & GAS INC	GREG BOANS	30-015-32479	OGDEN STATE 004	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yards	12

Released to Imaging: 2/5/2025 11:36:25 AM

Total yds	46,403
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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

July 03, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: OGDEN STATE 4

Enclosed are the results of analyses for samples received by the laboratory on 06/26/24 14:52.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 06/26/2024
 Reported: 07/03/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 06/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 1 - SURF (H243836-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2024	ND	1.99	99.6	2.00	3.84	
Toluene*	<0.050	0.050	07/02/2024	ND	2.16	108	2.00	4.28	
Ethylbenzene*	<0.050	0.050	07/02/2024	ND	2.17	109	2.00	4.65	
Total Xylenes*	<0.150	0.150	07/02/2024	ND	6.73	112	6.00	4.30	
Total BTX	<0.300	0.300	07/02/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6260	16.0	07/02/2024	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	07/02/2024	ND	203	101	200	1.95	
DRO >C10-C28*	<10.0	10.0	07/02/2024	ND	168	84.2	200	6.19	
EXT DRO >C28-C36	40.1	10.0	07/02/2024	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 06/26/2024
 Reported: 07/03/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 06/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 2 - SURF (H243836-02)

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	07/02/2024	ND	1.99	99.6	2.00	3.84		
Toluene*	<0.050	0.050	07/02/2024	ND	2.16	108	2.00	4.28		
Ethylbenzene*	<0.050	0.050	07/02/2024	ND	2.17	109	2.00	4.65		
Total Xylenes*	<0.150	0.150	07/02/2024	ND	6.73	112	6.00	4.30		
Total BTEx	<0.300	0.300	07/02/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16000	16.0	07/02/2024	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	07/02/2024	ND	203	101	200	1.95	
DRO >C10-C28*	108	10.0	07/02/2024	ND	168	84.2	200	6.19	
EXT DRO >C28-C36	62.7	10.0	07/02/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 06/26/2024
 Reported: 07/03/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 06/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 3 - SURF (H243836-03)

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	07/02/2024	ND	1.99	99.6	2.00	3.84		
Toluene*	<0.050	0.050	07/02/2024	ND	2.16	108	2.00	4.28		
Ethylbenzene*	<0.050	0.050	07/02/2024	ND	2.17	109	2.00	4.65		
Total Xylenes*	<0.150	0.150	07/02/2024	ND	6.73	112	6.00	4.30		
Total BTEx	<0.300	0.300	07/02/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9200	16.0	07/02/2024	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	07/02/2024	ND	203	101	200	1.95	
DRO >C10-C28*	1060	10.0	07/02/2024	ND	168	84.2	200	6.19	
EXT DRO >C28-C36	583	10.0	07/02/2024	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 06/26/2024
 Reported: 07/03/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 06/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 4 - SURF (H243836-04)

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	07/02/2024	ND	1.99	99.6	2.00	3.84		
Toluene*	<0.050	0.050	07/02/2024	ND	2.16	108	2.00	4.28		
Ethylbenzene*	<0.050	0.050	07/02/2024	ND	2.17	109	2.00	4.65		
Total Xylenes*	<0.150	0.150	07/02/2024	ND	6.73	112	6.00	4.30		
Total BTEX	<0.300	0.300	07/02/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	52000	16.0	07/02/2024	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	07/02/2024	ND	203	101	200	1.95	
DRO >C10-C28*	<10.0	10.0	07/02/2024	ND	168	84.2	200	6.19	
EXT DRO >C28-C36	<10.0	10.0	07/02/2024	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 06/26/2024
 Reported: 07/03/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 06/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 4 - 1' (H243836-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/02/2024	ND	1.99	99.6	2.00	3.84		
Toluene*	<0.050	0.050	07/02/2024	ND	2.16	108	2.00	4.28		
Ethylbenzene*	<0.050	0.050	07/02/2024	ND	2.17	109	2.00	4.65		
Total Xylenes*	<0.150	0.150	07/02/2024	ND	6.73	112	6.00	4.30		
Total BTEX	<0.300	0.300	07/02/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16000	16.0	07/02/2024	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	07/02/2024	ND	203	101	200	1.95	
DRO >C10-C28*	<10.0	10.0	07/02/2024	ND	168	84.2	200	6.19	
EXT DRO >C28-C36	<10.0	10.0	07/02/2024	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 06/26/2024
 Reported: 07/03/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 06/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 4 - 2' (H243836-06)

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	07/02/2024	ND	1.99	99.6	2.00	3.84		
Toluene*	<0.050	0.050	07/02/2024	ND	2.16	108	2.00	4.28		
Ethylbenzene*	<0.050	0.050	07/02/2024	ND	2.17	109	2.00	4.65		
Total Xylenes*	<0.150	0.150	07/02/2024	ND	6.73	112	6.00	4.30		
Total BTEX	<0.300	0.300	07/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	14000	16.0	07/02/2024	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	07/02/2024	ND	203	101	200	1.95	
DRO >C10-C28*	18.7	10.0	07/02/2024	ND	168	84.2	200	6.19	
EXT DRO >C28-C36	<10.0	10.0	07/02/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
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 Fax To: (505) 391-4585

Received: 06/26/2024
 Reported: 07/03/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 06/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 5 - SURF (H243836-07)

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	07/02/2024	ND	1.91	95.4	2.00	5.30		
Toluene*	<0.050	0.050	07/02/2024	ND	1.91	95.3	2.00	6.40		
Ethylbenzene*	<0.050	0.050	07/02/2024	ND	2.04	102	2.00	7.16		
Total Xylenes*	<0.150	0.150	07/02/2024	ND	5.98	99.7	6.00	7.39		
Total BTEx	<0.300	0.300	07/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	40800	16.0	07/02/2024	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	07/02/2024	ND	203	101	200	1.95	
DRO >C10-C28*	<10.0	10.0	07/02/2024	ND	168	84.2	200	6.19	
EXT DRO >C28-C36	<10.0	10.0	07/02/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 06/26/2024
 Reported: 07/03/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 06/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 5 - 1' (H243836-08)

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	07/02/2024	ND	1.91	95.4	2.00	5.30	
Toluene*	<0.050	0.050	07/02/2024	ND	1.91	95.3	2.00	6.40	
Ethylbenzene*	<0.050	0.050	07/02/2024	ND	2.04	102	2.00	7.16	
Total Xylenes*	<0.150	0.150	07/02/2024	ND	5.98	99.7	6.00	7.39	
Total BTEX	<0.300	0.300	07/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16600	16.0	07/02/2024	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	07/02/2024	ND	203	101	200	1.95	
DRO >C10-C28*	<10.0	10.0	07/02/2024	ND	168	84.2	200	6.19	
EXT DRO >C28-C36	<10.0	10.0	07/02/2024	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 06/26/2024
 Reported: 07/03/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 06/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 5 - 2' (H243836-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/02/2024	ND	1.91	95.4	2.00	5.30		
Toluene*	<0.050	0.050	07/02/2024	ND	1.91	95.3	2.00	6.40		
Ethylbenzene*	<0.050	0.050	07/02/2024	ND	2.04	102	2.00	7.16		
Total Xylenes*	<0.150	0.150	07/02/2024	ND	5.98	99.7	6.00	7.39		
Total BTEX	<0.300	0.300	07/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12600	16.0	07/02/2024	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	07/02/2024	ND	203	101	200	1.95	
DRO >C10-C28*	15.2	10.0	07/02/2024	ND	168	84.2	200	6.19	
EXT DRO >C28-C36	<10.0	10.0	07/02/2024	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 06/26/2024
 Reported: 07/03/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 06/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 6 - SURF (H243836-10)

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	07/02/2024	ND	1.91	95.4	2.00	5.30		
Toluene*	<0.050	0.050	07/02/2024	ND	1.91	95.3	2.00	6.40		
Ethylbenzene*	<0.050	0.050	07/02/2024	ND	2.04	102	2.00	7.16		
Total Xylenes*	<0.150	0.150	07/02/2024	ND	5.98	99.7	6.00	7.39		
Total BTEx	<0.300	0.300	07/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11400	16.0	07/02/2024	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	07/02/2024	ND	203	101	200	1.95	
DRO >C10-C28*	<10.0	10.0	07/02/2024	ND	168	84.2	200	6.19	
EXT DRO >C28-C36	<10.0	10.0	07/02/2024	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
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 Fax To: (505) 391-4585

Received: 06/26/2024
 Reported: 07/03/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 06/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 6 - 1' (H243836-11)

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	07/02/2024	ND	1.91	95.4	2.00	5.30		
Toluene*	<0.050	0.050	07/02/2024	ND	1.91	95.3	2.00	6.40		
Ethylbenzene*	<0.050	0.050	07/02/2024	ND	2.04	102	2.00	7.16		
Total Xylenes*	<0.150	0.150	07/02/2024	ND	5.98	99.7	6.00	7.39		
Total BTEX	<0.300	0.300	07/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10000	16.0	07/02/2024	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	07/02/2024	ND	203	101	200	1.95	
DRO >C10-C28*	<10.0	10.0	07/02/2024	ND	168	84.2	200	6.19	
EXT DRO >C28-C36	<10.0	10.0	07/02/2024	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

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 Fax To: (505) 391-4585

Received: 06/26/2024
 Reported: 07/03/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 06/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 6 - 2' (H243836-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/02/2024	ND	1.91	95.4	2.00	5.30		
Toluene*	<0.050	0.050	07/02/2024	ND	1.91	95.3	2.00	6.40		
Ethylbenzene*	<0.050	0.050	07/02/2024	ND	2.04	102	2.00	7.16		
Total Xylenes*	<0.150	0.150	07/02/2024	ND	5.98	99.7	6.00	7.39		
Total BTEx	<0.300	0.300	07/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7460	16.0	07/02/2024	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	07/02/2024	ND	203	101	200	1.95	
DRO >C10-C28*	<10.0	10.0	07/02/2024	ND	168	84.2	200	6.19	
EXT DRO >C28-C36	<10.0	10.0	07/02/2024	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Hungry Horse LLC		Project Manager: Daniel Dominguez		Address: 4024 Plains Hwy		City: Lovington		State: NM		Zip: 88260		Phone #: 575 393-3386		Fax #:		Project #:		Project Owner: Murchison Oil & Gas		Project Name: Ogden State 4		Project Location: UL/ P Sec 2 T25S - R26E		Sampler Name: Jerry Heidelberg											
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(GRAB OR (C)OMP. # CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE		ICE / COOL		OTHER :		DATE		TIME		Chloride		TPH		BTEX 8021	
H243830		1		SP1-Surf		G 1				X										X				6/25/24				X		X		X			
2		SP2-Surf		G 1				X												X				6/25/24				X		X		X			
3		SP3-Surf		G 1				X												X				6/25/24				X		X		X			
4		SP4-Surf		G 1				X												X				6/25/24				X		X		X			
5		SP4-1'		G 1				X												X				6/25/24				X		X		X			
6		SP4-2'		G 1				X												X				6/25/24				X		X		X			
7		SP5-Surf		G 1				X												X				6/25/24				X		X		X			
8		SP5-1'		G 1				X												X				6/25/24				X		X		X			
9		SP5-2'		G 1				X												X				6/25/24				X		X		X			
10		SP6-Surf		G 1				X												X				6/25/24				X		X		X			

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Relinquished By:		Date: 6/26/24		Received By:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: 1452						Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:	
Relinquished By:		Date:		Received By:		REMARKS:	
Time:						Email results to: pm@hungry-horse.com gboans@jdmii.com	
Delivered By: (Circle One)		2-2		Sample Condition		CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other: #140				Cool Intact		FR	
				<input type="checkbox"/> Yes <input type="checkbox"/> No			
				<input type="checkbox"/> No <input type="checkbox"/> No			

Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 16 of 16

Company Name: Hungry Horse LLC		Project Manager: Daniel Dominguez		Address: 4024 Plains Hwy		City: Lovington		State: NM		Zip: 88260		Phone #: 575 393-3386		Fax #:		Project #:		Project Owner: Murchison Oil & Gas		Project Name: Ogden State 4		Project Location: UL/ P Sec 2 T25S - R26E		Sampler Name: Jerry Heidelberg	
P.O. #:		Company: Murchison Oil & Gas		Attn: Greg Boans		Address: 5325 Sierra Vista		City: Carlsbad		State: NM		Zip: 88230		Phone #: 575 706-0667		Fax #:									
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(GRAB OR (C)OMP. # CONTAINERS		MATRIX		PRESERV.		SAMPLING		DATE		TIME		Chloride		TPH		BTEX 8021			
		11		SP6-1'		G 1		GROUNDWATER		X		OIL				6/25/24				X		X		X	
		12		SP6-2'		G 1		WASTEWATER		X						6/25/24				X		X		X	

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Relinquished By: <i>[Signature]</i>		Date: 6/20/24		Received By: <i>[Signature]</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Relinquished By: <i>[Signature]</i>		Time: 1452		Received By: <i>[Signature]</i>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Delivered By: (Circle One)		Date:		Sample Condition		CHECKED BY: <i>[Signature]</i>		REMARKS:	
Sampler - UPS - Bus - Other: 2-2c #140		Time:		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No				Email results to: pm@hungry-horse.com gboans@jdmii.com	

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

August 20, 2024

DIMITRY NIKANOROV

MC NABB SERVICES

P. O. BOX 5753

HOBBS, NM 88240

RE: OGDEN STATE 4

Enclosed are the results of analyses for samples received by the laboratory on 08/16/24 12:05.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: H - 1 (0.5') (H244986-01)

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	08/16/2024	ND	2.05	103	2.00	0.466	
Toluene*	<0.050	0.050	08/16/2024	ND	1.97	98.3	2.00	1.16	
Ethylbenzene*	<0.050	0.050	08/16/2024	ND	2.05	103	2.00	1.31	
Total Xylenes*	<0.150	0.150	08/16/2024	ND	6.10	102	6.00	1.37	
Total BTEX	<0.300	0.300	08/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	08/19/2024	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	08/17/2024	ND	240	120	200	2.02	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	218	109	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: H - 1 (2') (H244986-02)

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	08/16/2024	ND	2.05	103	2.00	0.466		
Toluene*	<0.050	0.050	08/16/2024	ND	1.97	98.3	2.00	1.16		
Ethylbenzene*	<0.050	0.050	08/16/2024	ND	2.05	103	2.00	1.31		
Total Xylenes*	<0.150	0.150	08/16/2024	ND	6.10	102	6.00	1.37		
Total BTEX	<0.300	0.300	08/16/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	08/19/2024	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	08/17/2024	ND	240	120	200	2.02	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	218	109	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 08/16/2024
 Reported: 08/20/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: MURCHISON - EDDY CO., NM

Sampling Date: 08/14/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 1 (4') (H244986-03)

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	08/16/2024	ND	2.05	103	2.00	0.466	
Toluene*	<0.050	0.050	08/16/2024	ND	1.97	98.3	2.00	1.16	
Ethylbenzene*	<0.050	0.050	08/16/2024	ND	2.05	103	2.00	1.31	
Total Xylenes*	<0.150	0.150	08/16/2024	ND	6.10	102	6.00	1.37	
Total BTEX	<0.300	0.300	08/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	08/19/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2024	ND	240	120	200	2.02	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	218	109	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: H - 2 (0.5') (H244986-04)

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	08/16/2024	ND	2.05	103	2.00	0.466		
Toluene*	<0.050	0.050	08/16/2024	ND	1.97	98.3	2.00	1.16		
Ethylbenzene*	<0.050	0.050	08/16/2024	ND	2.05	103	2.00	1.31		
Total Xylenes*	<0.150	0.150	08/16/2024	ND	6.10	102	6.00	1.37		
Total BTEX	<0.300	0.300	08/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/19/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2024	ND	240	120	200	2.02	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	218	109	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 08/16/2024
 Reported: 08/20/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: MURCHISON - EDDY CO., NM

Sampling Date: 08/14/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 2 (2') (H244986-05)

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	08/16/2024	ND	2.05	103	2.00	0.466		
Toluene*	<0.050	0.050	08/16/2024	ND	1.97	98.3	2.00	1.16		
Ethylbenzene*	<0.050	0.050	08/16/2024	ND	2.05	103	2.00	1.31		
Total Xylenes*	<0.150	0.150	08/16/2024	ND	6.10	102	6.00	1.37		
Total BTEX	<0.300	0.300	08/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/19/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2024	ND	240	120	200	2.02	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	218	109	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: H - 2 (4') (H244986-06)

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	08/16/2024	ND	2.05	103	2.00	0.466		
Toluene*	<0.050	0.050	08/16/2024	ND	1.97	98.3	2.00	1.16		
Ethylbenzene*	<0.050	0.050	08/16/2024	ND	2.05	103	2.00	1.31		
Total Xylenes*	<0.150	0.150	08/16/2024	ND	6.10	102	6.00	1.37		
Total BTEX	<0.300	0.300	08/16/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/19/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2024	ND	240	120	200	2.02	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	218	109	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 08/16/2024
 Reported: 08/20/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: MURCHISON - EDDY CO., NM

Sampling Date: 08/14/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 3 (0.5') (H244986-07)

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	08/16/2024	ND	2.05	103	2.00	0.466	
Toluene*	<0.050	0.050	08/16/2024	ND	1.97	98.3	2.00	1.16	
Ethylbenzene*	<0.050	0.050	08/16/2024	ND	2.05	103	2.00	1.31	
Total Xylenes*	<0.150	0.150	08/16/2024	ND	6.10	102	6.00	1.37	
Total BTEX	<0.300	0.300	08/16/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/19/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2024	ND	240	120	200	2.02	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	218	109	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 08/16/2024
 Reported: 08/20/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: MURCHISON - EDDY CO., NM

Sampling Date: 08/14/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 3 (2') (H244986-08)

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	08/16/2024	ND	2.05	103	2.00	0.466		
Toluene*	<0.050	0.050	08/16/2024	ND	1.97	98.3	2.00	1.16		
Ethylbenzene*	<0.050	0.050	08/16/2024	ND	2.05	103	2.00	1.31		
Total Xylenes*	<0.150	0.150	08/16/2024	ND	6.10	102	6.00	1.37		
Total BTEX	<0.300	0.300	08/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/19/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2024	ND	240	120	200	2.02	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	218	109	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: H - 3 (4') (H244986-09)

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	08/16/2024	ND	2.05	103	2.00	0.466		
Toluene*	<0.050	0.050	08/16/2024	ND	1.97	98.3	2.00	1.16		
Ethylbenzene*	<0.050	0.050	08/16/2024	ND	2.05	103	2.00	1.31		
Total Xylenes*	<0.150	0.150	08/16/2024	ND	6.10	102	6.00	1.37		
Total BTEX	<0.300	0.300	08/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/19/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2024	ND	240	120	200	2.02	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	218	109	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: H - 4 (0.5') (H244986-10)

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	08/16/2024	ND	2.05	103	2.00	0.466		
Toluene*	<0.050	0.050	08/16/2024	ND	1.97	98.3	2.00	1.16		
Ethylbenzene*	<0.050	0.050	08/16/2024	ND	2.05	103	2.00	1.31		
Total Xylenes*	<0.150	0.150	08/16/2024	ND	6.10	102	6.00	1.37		
Total BTEX	<0.300	0.300	08/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3320	16.0	08/19/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2024	ND	240	120	200	2.02	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	218	109	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: H - 4 (2') (H244986-11)

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	08/16/2024	ND	2.05	103	2.00	0.466		
Toluene*	<0.050	0.050	08/16/2024	ND	1.97	98.3	2.00	1.16		
Ethylbenzene*	<0.050	0.050	08/16/2024	ND	2.05	103	2.00	1.31		
Total Xylenes*	<0.150	0.150	08/16/2024	ND	6.10	102	6.00	1.37		
Total BTEX	<0.300	0.300	08/16/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2800	16.0	08/19/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2024	ND	240	120	200	2.02	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	218	109	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: H - 4 (4') (H244986-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/16/2024	ND	2.05	103	2.00	0.466		
Toluene*	<0.050	0.050	08/16/2024	ND	1.97	98.3	2.00	1.16		
Ethylbenzene*	<0.050	0.050	08/16/2024	ND	2.05	103	2.00	1.31		
Total Xylenes*	<0.150	0.150	08/16/2024	ND	6.10	102	6.00	1.37		
Total BTEX	<0.300	0.300	08/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2640	16.0	08/19/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2024	ND	240	120	200	2.02	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	218	109	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 66.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.1 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: H - 4A (0.5') (H244986-13)

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	08/16/2024	ND	2.05	103	2.00	0.466		
Toluene*	<0.050	0.050	08/16/2024	ND	1.97	98.3	2.00	1.16		
Ethylbenzene*	<0.050	0.050	08/16/2024	ND	2.05	103	2.00	1.31		
Total Xylenes*	<0.150	0.150	08/16/2024	ND	6.10	102	6.00	1.37		
Total BTEX	<0.300	0.300	08/16/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1840	16.0	08/19/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2024	ND	240	120	200	2.02	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	218	109	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
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 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: H - 4A (2') (H244986-14)

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	08/16/2024	ND	2.05	103	2.00	0.466		
Toluene*	<0.050	0.050	08/16/2024	ND	1.97	98.3	2.00	1.16		
Ethylbenzene*	<0.050	0.050	08/16/2024	ND	2.05	103	2.00	1.31		
Total Xylenes*	<0.150	0.150	08/16/2024	ND	6.10	102	6.00	1.37		
Total BTEX	<0.300	0.300	08/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2040	16.0	08/19/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2024	ND	240	120	200	2.02	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	218	109	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: H - 4A (4') (H244986-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/16/2024	ND	2.05	103	2.00	0.466		
Toluene*	<0.050	0.050	08/16/2024	ND	1.97	98.3	2.00	1.16		
Ethylbenzene*	<0.050	0.050	08/16/2024	ND	2.05	103	2.00	1.31		
Total Xylenes*	<0.150	0.150	08/16/2024	ND	6.10	102	6.00	1.37		
Total BTEX	<0.300	0.300	08/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1880	16.0	08/19/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2024	ND	240	120	200	2.02	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	218	109	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 01 (0.5') (H244986-16)

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	08/16/2024	ND	2.05	103	2.00	0.466		
Toluene*	<0.050	0.050	08/16/2024	ND	1.97	98.3	2.00	1.16		
Ethylbenzene*	<0.050	0.050	08/16/2024	ND	2.05	103	2.00	1.31		
Total Xylenes*	<0.150	0.150	08/16/2024	ND	6.10	102	6.00	1.37		
Total BTEX	<0.300	0.300	08/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8800	16.0	08/19/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2024	ND	240	120	200	2.02	
DRO >C10-C28*	1890	10.0	08/17/2024	ND	218	109	200	3.82	
EXT DRO >C28-C36	636	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 01 (2') (H244986-17)

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	08/16/2024	ND	2.05	103	2.00	0.466		
Toluene*	<0.050	0.050	08/16/2024	ND	1.97	98.3	2.00	1.16		
Ethylbenzene*	<0.050	0.050	08/16/2024	ND	2.05	103	2.00	1.31		
Total Xylenes*	<0.150	0.150	08/16/2024	ND	6.10	102	6.00	1.37		
Total BTEX	<0.300	0.300	08/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	08/19/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2024	ND	240	120	200	2.02	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	218	109	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 01 (4') (H244986-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/16/2024	ND	2.05	103	2.00	0.466		
Toluene*	<0.050	0.050	08/16/2024	ND	1.97	98.3	2.00	1.16		
Ethylbenzene*	<0.050	0.050	08/16/2024	ND	2.05	103	2.00	1.31		
Total Xylenes*	<0.150	0.150	08/16/2024	ND	6.10	102	6.00	1.37		
Total BTEX	<0.300	0.300	08/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/19/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2024	ND	240	120	200	2.02	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	218	109	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Analytical Results For:

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 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 02 (0.5') (H244986-19)

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	08/16/2024	ND	2.05	103	2.00	0.466		
Toluene*	<0.050	0.050	08/16/2024	ND	1.97	98.3	2.00	1.16		
Ethylbenzene*	<0.050	0.050	08/16/2024	ND	2.05	103	2.00	1.31		
Total Xylenes*	<0.150	0.150	08/16/2024	ND	6.10	102	6.00	1.37		
Total BTEX	<0.300	0.300	08/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2200	16.0	08/19/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2024	ND	240	120	200	2.02	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	218	109	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 02 (2') (H244986-20)

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	08/17/2024	ND	2.05	103	2.00	0.466		
Toluene*	<0.050	0.050	08/17/2024	ND	1.97	98.3	2.00	1.16		
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.05	103	2.00	1.31		
Total Xylenes*	<0.150	0.150	08/17/2024	ND	6.10	102	6.00	1.37		
Total BTEX	<0.300	0.300	08/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	08/19/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2024	ND	240	120	200	2.02	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	218	109	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 02 (4') (H244986-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/16/2024	ND	2.38	119	2.00	1.96		
Toluene*	<0.050	0.050	08/16/2024	ND	2.32	116	2.00	2.37		
Ethylbenzene*	<0.050	0.050	08/16/2024	ND	2.30	115	2.00	2.38		
Total Xylenes*	<0.150	0.150	08/16/2024	ND	7.02	117	6.00	2.95		
Total BTEx	<0.300	0.300	08/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/19/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2024	ND	209	104	200	9.88	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	202	101	200	9.61	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 08/16/2024
 Reported: 08/20/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: MURCHISON - EDDY CO., NM

Sampling Date: 08/14/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS - 03 (0.5') (H244986-22)

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	08/17/2024	ND	2.38	119	2.00	1.96	
Toluene*	<0.050	0.050	08/17/2024	ND	2.32	116	2.00	2.37	
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.30	115	2.00	2.38	
Total Xylenes*	<0.150	0.150	08/17/2024	ND	7.02	117	6.00	2.95	
Total BTEX	<0.300	0.300	08/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	08/19/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2024	ND	209	104	200	9.88	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	202	101	200	9.61	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 03 (2') (H244986-23)

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	08/17/2024	ND	2.38	119	2.00	1.96		
Toluene*	<0.050	0.050	08/17/2024	ND	2.32	116	2.00	2.37		
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.30	115	2.00	2.38		
Total Xylenes*	<0.150	0.150	08/17/2024	ND	7.02	117	6.00	2.95		
Total BTEX	<0.300	0.300	08/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/19/2024	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	08/17/2024	ND	209	104	200	9.88	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	202	101	200	9.61	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 03 (4') (H244986-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/17/2024	ND	2.38	119	2.00	1.96		
Toluene*	<0.050	0.050	08/17/2024	ND	2.32	116	2.00	2.37		
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.30	115	2.00	2.38		
Total Xylenes*	<0.150	0.150	08/17/2024	ND	7.02	117	6.00	2.95		
Total BTEX	<0.300	0.300	08/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/19/2024	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	08/17/2024	ND	209	104	200	9.88	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	202	101	200	9.61	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 04 (0.5') (H244986-25)

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	08/17/2024	ND	2.38	119	2.00	1.96		
Toluene*	<0.050	0.050	08/17/2024	ND	2.32	116	2.00	2.37	GC-NC	
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.30	115	2.00	2.38	GC-NC	
Total Xylenes*	<0.150	0.150	08/17/2024	ND	7.02	117	6.00	2.95	GC-NC	
Total BTEX	<0.300	0.300	08/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	22800	16.0	08/19/2024	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	08/17/2024	ND	209	104	200	9.88	
DRO >C10-C28*	23.3	10.0	08/17/2024	ND	202	101	200	9.61	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
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 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 04 (2') (H244986-26)

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	08/17/2024	ND	2.38	119	2.00	1.96		
Toluene*	<0.050	0.050	08/17/2024	ND	2.32	116	2.00	2.37		
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.30	115	2.00	2.38		
Total Xylenes*	<0.150	0.150	08/17/2024	ND	7.02	117	6.00	2.95		
Total BTEX	<0.300	0.300	08/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2520	16.0	08/19/2024	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	08/17/2024	ND	209	104	200	9.88	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	202	101	200	9.61	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 04 (4') (H244986-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/17/2024	ND	2.38	119	2.00	1.96		
Toluene*	<0.050	0.050	08/17/2024	ND	2.32	116	2.00	2.37		
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.30	115	2.00	2.38		
Total Xylenes*	<0.150	0.150	08/17/2024	ND	7.02	117	6.00	2.95		
Total BTEX	<0.300	0.300	08/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3680	16.0	08/19/2024	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	08/17/2024	ND	209	104	200	9.88	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	202	101	200	9.61	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 04 (5') (H244986-28)

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	08/17/2024	ND	2.38	119	2.00	1.96		
Toluene*	<0.050	0.050	08/17/2024	ND	2.32	116	2.00	2.37		
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.30	115	2.00	2.38		
Total Xylenes*	<0.150	0.150	08/17/2024	ND	7.02	117	6.00	2.95		
Total BTEX	<0.300	0.300	08/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4240	16.0	08/19/2024	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	08/17/2024	ND	209	104	200	9.88	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	202	101	200	9.61	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 04 (7') (H244986-29)

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	08/17/2024	ND	2.38	119	2.00	1.96		
Toluene*	<0.050	0.050	08/17/2024	ND	2.32	116	2.00	2.37		
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.30	115	2.00	2.38		
Total Xylenes*	<0.150	0.150	08/17/2024	ND	7.02	117	6.00	2.95		
Total BTEX	<0.300	0.300	08/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2240	16.0	08/19/2024	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	08/17/2024	ND	209	104	200	9.88	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	202	101	200	9.61	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
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 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 05 (0.5') (H244986-30)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/17/2024	ND	2.38	119	2.00	1.96		
Toluene*	<0.050	0.050	08/17/2024	ND	2.32	116	2.00	2.37		
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.30	115	2.00	2.38	GC-NC	
Total Xylenes*	<0.150	0.150	08/17/2024	ND	7.02	117	6.00	2.95		
Total BTX	<0.300	0.300	08/17/2024	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	16800	16.0	08/19/2024	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	08/17/2024	ND	209	104	200	9.88	
DRO >C10-C28*	67.5	10.0	08/17/2024	ND	202	101	200	9.61	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

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 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 05 (2') (H244986-31)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2024	ND	2.38	119	2.00	1.96	
Toluene*	<0.050	0.050	08/17/2024	ND	2.32	116	2.00	2.37	GC-NC
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.30	115	2.00	2.38	
Total Xylenes*	<0.150	0.150	08/17/2024	ND	7.02	117	6.00	2.95	GC-NC
Total BTEX	<0.300	0.300	08/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 192 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9600	16.0	08/19/2024	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*	90.0	10.0	08/17/2024	ND	209	104	200	9.88	
DRO >C10-C28*	1780	10.0	08/17/2024	ND	202	101	200	9.61	
EXT DRO >C28-C36	144	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 05 (4') (H244986-32)

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	08/17/2024	ND	2.38	119	2.00	1.96		
Toluene*	<0.050	0.050	08/17/2024	ND	2.32	116	2.00	2.37		
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.30	115	2.00	2.38		
Total Xylenes*	<0.150	0.150	08/17/2024	ND	7.02	117	6.00	2.95		
Total BTEX	<0.300	0.300	08/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10800	16.0	08/19/2024	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	08/17/2024	ND	209	104	200	9.88	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	202	101	200	9.61	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 05 (6') (H244986-33)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/17/2024	ND	2.38	119	2.00	1.96		
Toluene*	<0.050	0.050	08/17/2024	ND	2.32	116	2.00	2.37		
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.30	115	2.00	2.38		
Total Xylenes*	<0.150	0.150	08/17/2024	ND	7.02	117	6.00	2.95		
Total BTEX	<0.300	0.300	08/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12000	16.0	08/19/2024	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	08/17/2024	ND	209	104	200	9.88	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	202	101	200	9.61	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 05 (8') (H244986-34)

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	08/17/2024	ND	2.38	119	2.00	1.96		
Toluene*	<0.050	0.050	08/17/2024	ND	2.32	116	2.00	2.37		
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.30	115	2.00	2.38		
Total Xylenes*	<0.150	0.150	08/17/2024	ND	7.02	117	6.00	2.95		
Total BTEX	<0.300	0.300	08/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8660	16.0	08/19/2024	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	08/17/2024	ND	209	104	200	9.88	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	202	101	200	9.61	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 05 (10') (H244986-35)

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	08/17/2024	ND	2.38	119	2.00	1.96		
Toluene*	<0.050	0.050	08/17/2024	ND	2.32	116	2.00	2.37		
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.30	115	2.00	2.38		
Total Xylenes*	<0.150	0.150	08/17/2024	ND	7.02	117	6.00	2.95		
Total BTEX	<0.300	0.300	08/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5330	16.0	08/19/2024	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	08/17/2024	ND	209	104	200	9.88	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	202	101	200	9.61	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 05 (12') (H244986-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/17/2024	ND	2.38	119	2.00	1.96		
Toluene*	<0.050	0.050	08/17/2024	ND	2.32	116	2.00	2.37		
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.30	115	2.00	2.38		
Total Xylenes*	<0.150	0.150	08/17/2024	ND	7.02	117	6.00	2.95		
Total BTEX	<0.300	0.300	08/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7920	16.0	08/19/2024	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	08/17/2024	ND	209	104	200	9.88	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	202	101	200	9.61	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 05 (14') (H244986-37)

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	08/17/2024	ND	2.38	119	2.00	1.96		
Toluene*	<0.050	0.050	08/17/2024	ND	2.32	116	2.00	2.37		
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.30	115	2.00	2.38		
Total Xylenes*	<0.150	0.150	08/17/2024	ND	7.02	117	6.00	2.95		
Total BTEX	<0.300	0.300	08/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7920	16.0	08/19/2024	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	08/17/2024	ND	209	104	200	9.88	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	202	101	200	9.61	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 05 (16') (H244986-38)

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	08/17/2024	ND	2.38	119	2.00	1.96		
Toluene*	<0.050	0.050	08/17/2024	ND	2.32	116	2.00	2.37		
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.30	115	2.00	2.38		
Total Xylenes*	<0.150	0.150	08/17/2024	ND	7.02	117	6.00	2.95		
Total BTEx	<0.300	0.300	08/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 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	7920	16.0	08/19/2024	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	08/17/2024	ND	209	104	200	9.88	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	202	101	200	9.61	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 05 (18') (H244986-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/17/2024	ND	2.38	119	2.00	1.96		
Toluene*	<0.050	0.050	08/17/2024	ND	2.32	116	2.00	2.37		
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.30	115	2.00	2.38		
Total Xylenes*	<0.150	0.150	08/17/2024	ND	7.02	117	6.00	2.95		
Total BTEx	<0.300	0.300	08/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2600	16.0	08/19/2024	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	08/17/2024	ND	209	104	200	9.88	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	202	101	200	9.61	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 06 (0.5') (H244986-40)

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	08/17/2024	ND	2.38	119	2.00	1.96		
Toluene*	<0.050	0.050	08/17/2024	ND	2.32	116	2.00	2.37		
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.30	115	2.00	2.38		
Total Xylenes*	<0.150	0.150	08/17/2024	ND	7.02	117	6.00	2.95		
Total BTEX	<0.300	0.300	08/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5520	16.0	08/19/2024	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	08/17/2024	ND	209	104	200	9.88	
DRO >C10-C28*	<10.0	10.0	08/17/2024	ND	202	101	200	9.61	
EXT DRO >C28-C36	<10.0	10.0	08/17/2024	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 06 (2') (H244986-41)

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	08/17/2024	ND	2.28	114	2.00	2.05	
Toluene*	<0.050	0.050	08/17/2024	ND	2.33	117	2.00	0.624	
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.40	120	2.00	0.836	
Total Xylenes*	<0.150	0.150	08/17/2024	ND	7.23	120	6.00	0.720	
Total BTEX	<0.300	0.300	08/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3520	16.0	08/19/2024	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	08/19/2024	ND	242	121	200	1.93	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	217	108	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 06 (4') (H244986-42)

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	08/17/2024	ND	2.28	114	2.00	2.05		
Toluene*	<0.050	0.050	08/17/2024	ND	2.33	117	2.00	0.624		
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.40	120	2.00	0.836		
Total Xylenes*	<0.150	0.150	08/17/2024	ND	7.23	120	6.00	0.720		
Total BTEX	<0.300	0.300	08/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1220	16.0	08/19/2024	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	08/19/2024	ND	242	121	200	1.93	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	217	108	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 73.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
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 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 06 (6') (H244986-43)

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	08/17/2024	ND	2.28	114	2.00	2.05		
Toluene*	<0.050	0.050	08/17/2024	ND	2.33	117	2.00	0.624		
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.40	120	2.00	0.836		
Total Xylenes*	<0.150	0.150	08/17/2024	ND	7.23	120	6.00	0.720		
Total BTEX	<0.300	0.300	08/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/19/2024	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	08/19/2024	ND	242	121	200	1.93	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	217	108	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 07 (0.5') (H244986-44)

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	08/17/2024	ND	2.28	114	2.00	2.05		
Toluene*	<0.050	0.050	08/17/2024	ND	2.33	117	2.00	0.624		
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.40	120	2.00	0.836		
Total Xylenes*	<0.150	0.150	08/17/2024	ND	7.23	120	6.00	0.720		
Total BTEX	<0.300	0.300	08/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9400	16.0	08/19/2024	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	08/19/2024	ND	242	121	200	1.93	
DRO >C10-C28*	24.7	10.0	08/19/2024	ND	217	108	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 07 (2') (H244986-45)

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	08/17/2024	ND	2.28	114	2.00	2.05		
Toluene*	<0.050	0.050	08/17/2024	ND	2.33	117	2.00	0.624		
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.40	120	2.00	0.836		
Total Xylenes*	<0.150	0.150	08/17/2024	ND	7.23	120	6.00	0.720		
Total BTEX	<0.300	0.300	08/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1230	16.0	08/19/2024	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	08/19/2024	ND	242	121	200	1.93	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	217	108	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 07 (4') (H244986-46)

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	08/17/2024	ND	2.28	114	2.00	2.05		
Toluene*	<0.050	0.050	08/17/2024	ND	2.33	117	2.00	0.624		
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.40	120	2.00	0.836		
Total Xylenes*	<0.150	0.150	08/17/2024	ND	7.23	120	6.00	0.720		
Total BTEX	<0.300	0.300	08/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	624	16.0	08/19/2024	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	08/19/2024	ND	242	121	200	1.93	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	217	108	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
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 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 07 (6') (H244986-47)

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	08/17/2024	ND	2.28	114	2.00	2.05		
Toluene*	<0.050	0.050	08/17/2024	ND	2.33	117	2.00	0.624		
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.40	120	2.00	0.836		
Total Xylenes*	<0.150	0.150	08/17/2024	ND	7.23	120	6.00	0.720		
Total BTEX	<0.300	0.300	08/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	736	16.0	08/19/2024	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	08/19/2024	ND	242	121	200	1.93	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	217	108	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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

Analytical Results For:

MC NABB SERVICES
 DIMITRY NIKANOROV
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	08/16/2024	Sampling Date:	08/14/2024
Reported:	08/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - EDDY CO., NM		

Sample ID: CS - 07 (8') (H244986-48)

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	08/17/2024	ND	2.28	114	2.00	2.05		
Toluene*	<0.050	0.050	08/17/2024	ND	2.33	117	2.00	0.624		
Ethylbenzene*	<0.050	0.050	08/17/2024	ND	2.40	120	2.00	0.836		
Total Xylenes*	<0.150	0.150	08/17/2024	ND	7.23	120	6.00	0.720		
Total BTEX	<0.300	0.300	08/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	608	16.0	08/19/2024	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	08/19/2024	ND	242	121	200	1.93	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	217	108	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 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

Notes and Definitions

S-05	The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
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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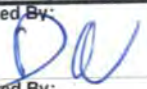


*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



(575) 393-2326 FAX (575) 393-2476				BILL TO				ANALYSIS REQUEST																	
Company Name: McNabb Partners				P.O. #:																					
Project Manager: Dmitry Nikanorov				Company: Murchison Oil & Gas																					
Address: 5014 W Carlsbad Hwy				Attn: Greg Boans																					
City: Hobbs		State: NM		Zip: 88240		Address: 5325 Sierra Vista Dr,																			
Phone #: 917-497-6890		Fax #:		City: Carlsbad		State: NM																			
Project #:		Project Owner: Murchison Oil&Gas		Zip: 88220		Phone #: 575-706-0667																			
Project Name: Ogden State 4				Fax #:																					
Project Location: Eddy Co, NM																									
Sampler Name: Dmitry Nikanorov, Andrew Parker																									
FOR LAB USE ONLY				MATRIX				PRESERV.				SAMPLING													
Lab I.D.		Sample I.D.		(G)RAB OR (C)JUMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	TPH	Chloride	BTEX						
#240856 1 2 3 4 5 6 7 8 9 10		H-1		(0.5')	G 1			X				X			8/14/24	10:00	X	X	X						
		H-1		(2')	G 1			X				X			8/14/24	10:05	X	X	X						
		H-1		(4')	G 1			X				X			8/14/24	10:10	X	X	X						
		H-2		(0.5')	G 1			X				X			8/14/24	10:15	X	X	X						
		H-2		(2')	G 1			X				X			8/14/24	10:20	X	X	X						
		H-2		(4')	G 1			X				X			8/14/24	10:25	X	X	X						
		H-3		(0.5')	G 1			X				X			8/14/24	10:30	X	X	X						
		H-3		(2')	G 1			X				X			8/14/24	10:35	X	X	X						
		H-3		(4')	G 1			X				X			8/14/24	10:40	X	X	X						
		H-4		(0.5')	G 1			X				X			8/14/24	10:45	X	X	X						
<small>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.</small>																									
Relinquished By: 				Date: 8/14/24 Time: 1205		Received By: 				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address: dimitry@mcnabbpartners.com, andrew@mcnabbpartners.com, laura@mcnabbpartners.com															
Relinquished By:				Date:		Received By:				REMARKS:															
				Time:																					
Delivered By: (Circle One)				Observed Temp. °C 1.0		Sample Condition: Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				CHECKED BY: (Initials) AD				Turnaround Time: 48 hours				Standard  <input checked="" type="checkbox"/>				Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No			
Sampler - UPS - Bus - Other:				Corrected Temp. °C 0.4										Thermometer ID #140 Correction Factor -0.6°C				Observed Temp. °C							
																		Corrected Temp. °C							

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: McNabb Partners				BILL TO				ANALYSIS REQUEST															
Project Manager: Dmitry Nikanorov				P.O. #:																			
Address: 5014 W Carlsbad Hwy				Company: Murchison Oil & Gas																			
City: Hobbs State: NM Zip: 88240				Attn: Greg Boans																			
Phone #: 917-497-6890 Fax #:				Address: 5325 Sierra Vista Dr,																			
Project #: Project Owner: Murchison Oil&Gas				City: Carlsbad																			
Project Name: Ogden State 4				State: NM Zip: 88220																			
Project Location: Eddy Co, NM				Phone #: 575-706-0667																			
Sampler Name: Dmitry Nikanorov, Andrew Parker				Fax #:																			
FOR LAB USE ONLY				MATRIX		PRESERV		SAMPLING															
Lab I.D.	Sample I.D.	GRAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE:	ICE / COOL	OTHER	DATE	TIME	TPH	Chloride	BTEX						
H244984																							
11	H-4 (2')	G	1			X				X			8/14/24	11:35	X	X	X						
12	H-4 (4')	G	1			X				X			8/14/24	11:40	X	X	X						
13	H-4A (0.5')	G	1			X				X			8/14/24	11:45	X	X	X						
14	H-4A (2')	G	1			X				X			8/14/24	11:50	X	X	X						
15	H-4A (4')	G	1			X				X			8/14/24	11:55	X	X	X						
16	CS-01 (0.5')	G	1			X				X			8/14/24	12:00	X	X	X						
17	CS-01 (2')	G	1			X				X			8/14/24	12:05	X	X	X						
18	CS-01 (4')	G	1			X				X			8/14/24	12:10	X	X	X						
19	CS-02 (0.5')	G	1			X				X			8/14/24	12:15	X	X	X						
20	CS-02 (2')	G	1			X				X			8/14/24	12:20	X	X	X						

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Relinquished By:	Date: 8/16/24 Time: 1:305	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date:	Received By:	All Results are emailed. Please provide Email address: dimitry@mcnabbpartners.com, andrew@mcnabbpartners.com, laura@mcnabbpartners.com
			REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 1.0 Corrected Temp. °C 0.4	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) Turnaround Time: 48 hours Thermometer ID #140 Correction Factor -0.6°C
		Standard	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: McNabb Partners				BILL TO				ANALYSIS REQUEST															
Project Manager: Dmitry Nikanorov				P.O. #:																			
Address: 5014 W Carlsbad Hwy				Company: Murchison Oil & Gas																			
City: Hobbs State: NM Zip: 88240				Attn: Greg Boans																			
Phone #: 917-497-6890 Fax #:				Address: 5325 Sierra Vista Dr,																			
Project #: Project Owner: Murchison Oil&Gas				City: Carlsbad																			
Project Name: Ogden State 4				State: NM Zip: 88220																			
Project Location: Eddy Co, NM				Phone #: 575-706-0667																			
Sampler Name: Dmitry Nikanorov, Andrew Parker				Fax #:																			
FOR LAB USE ONLY				MATRIX		PRESERV		SAMPLING															
Lab I.D.	Sample I.D.	(Q)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	TPH	Chloride	BTEX						
41	CS-06 (2')	G 1			X						X		8/14/24	14:10	X	X	X						
42	CS-06 (4')	G 1			X						X		8/14/24	14:25	X	X	X						
43	CS-06 (6')	G 1			X						X		8/14/24	14:40	X	X	X						
44	CS-07 (0.5')	G 1			X						X		8/14/24	15:10	X	X	X						
45	CS-07 (2')	G 1			X						X		8/14/24	15:25	X	X	X						
46	CS-07 (4')	G 1			X						X		8/14/24	15:40	X	X	X						
47	CS-07 (6')	G 1			X						X		8/14/24	15:55	X	X	X						
48	CS-07 (8')	G 1			X						X		8/14/24	16:10	X	X	X						

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Relinquished By: <i>DN</i>	Date: 8-14-24 Time: 1205	Received By: <i>aparker</i>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date:	Received By:	All Results are emailed. Please provide Email address: dimitry@mcnabbpartners.com, andrew@mcnabbpartners.com, laura@mcnabbpartners.com
			REMARKS:
Delivered By: (Circle One)	Observed Temp. °C 1.0	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) <i>AD</i>
Sampler - UPS - Bus - Other:	Corrected Temp. °C 0.4	Turnaround Time: 48 hours	Thermometer ID #140 Correction Factor -0.6°C
		Standard <i>RUSH</i> <input checked="" type="checkbox"/>	Bacteria (only) Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
			Observed Temp. °C Corrected Temp. °C

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

October 01, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: OGDEN STATE 4

Enclosed are the results of analyses for samples received by the laboratory on 09/30/24 13:48.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	09/30/2024	Sampling Date:	09/27/2024
Reported:	10/01/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: SP 9 (SURF) (H245923-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2024	ND	1.99	99.4	2.00	5.83	
Toluene*	<0.050	0.050	09/30/2024	ND	1.94	97.2	2.00	5.23	
Ethylbenzene*	<0.050	0.050	09/30/2024	ND	2.00	100	2.00	4.76	
Total Xylenes*	<0.150	0.150	09/30/2024	ND	5.96	99.3	6.00	4.87	
Total BTX	<0.300	0.300	09/30/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7760	16.0	10/01/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	ND	202	101	200	1.09	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	180	90.1	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 09/30/2024
 Reported: 10/01/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP 9 (20') (H245923-02)

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	09/30/2024	ND	1.99	99.4	2.00	5.83	
Toluene*	<0.050	0.050	09/30/2024	ND	1.94	97.2	2.00	5.23	
Ethylbenzene*	<0.050	0.050	09/30/2024	ND	2.00	100	2.00	4.76	
Total Xylenes*	<0.150	0.150	09/30/2024	ND	5.96	99.3	6.00	4.87	
Total BTEx	<0.300	0.300	09/30/2024	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	160	16.0	10/01/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	ND	202	101	200	1.09	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	180	90.1	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 09/30/2024
 Reported: 10/01/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP 10 (SURF) (H245923-03)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2024	ND	1.99	99.4	2.00	5.83		
Toluene*	<0.050	0.050	09/30/2024	ND	1.94	97.2	2.00	5.23		
Ethylbenzene*	<0.050	0.050	09/30/2024	ND	2.00	100	2.00	4.76		
Total Xylenes*	<0.150	0.150	09/30/2024	ND	5.96	99.3	6.00	4.87		
Total BTX	<0.300	0.300	09/30/2024	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	368	16.0	10/01/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	ND	202	101	200	1.09	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	180	90.1	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 09/30/2024
 Reported: 10/01/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP 10 (1') (H245923-04)

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	09/30/2024	ND	1.99	99.4	2.00	5.83		
Toluene*	<0.050	0.050	09/30/2024	ND	1.94	97.2	2.00	5.23		
Ethylbenzene*	<0.050	0.050	09/30/2024	ND	2.00	100	2.00	4.76		
Total Xylenes*	<0.150	0.150	09/30/2024	ND	5.96	99.3	6.00	4.87		
Total BTEx	<0.300	0.300	09/30/2024	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	192	16.0	10/01/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	ND	202	101	200	1.09	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	180	90.1	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
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Received: 09/30/2024
 Reported: 10/01/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP 11 (SURF) (H245923-05)

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	09/30/2024	ND	1.99	99.4	2.00	5.83		
Toluene*	<0.050	0.050	09/30/2024	ND	1.94	97.2	2.00	5.23		
Ethylbenzene*	<0.050	0.050	09/30/2024	ND	2.00	100	2.00	4.76		
Total Xylenes*	<0.150	0.150	09/30/2024	ND	5.96	99.3	6.00	4.87		
Total BTEX	<0.300	0.300	09/30/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	18000	16.0	10/01/2024	ND	400	100	400	11.3	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	09/30/2024	ND	209	105	200	4.29	
DRO >C10-C28*	<10.0	10.0	09/30/2024	ND	198	99.1	200	0.719	
EXT DRO >C28-C36	<10.0	10.0	09/30/2024	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 09/30/2024
 Reported: 10/01/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP 11 (20') (H245923-06)

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	09/30/2024	ND	1.99	99.4	2.00	5.83		
Toluene*	<0.050	0.050	09/30/2024	ND	1.94	97.2	2.00	5.23		
Ethylbenzene*	<0.050	0.050	09/30/2024	ND	2.00	100	2.00	4.76		
Total Xylenes*	<0.150	0.150	09/30/2024	ND	5.96	99.3	6.00	4.87		
Total BTEX	<0.300	0.300	09/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	10/01/2024	ND	400	100	400	11.3		

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	09/30/2024	ND	209	105	200	4.29	
DRO >C10-C28*	<10.0	10.0	09/30/2024	ND	198	99.1	200	0.719	
EXT DRO >C28-C36	<10.0	10.0	09/30/2024	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
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 Fax To: (505) 391-4585

Received: 09/30/2024
 Reported: 10/01/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP 12 (SURF) (H245923-07)

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	09/30/2024	ND	1.99	99.4	2.00	5.83		
Toluene*	<0.050	0.050	09/30/2024	ND	1.94	97.2	2.00	5.23		
Ethylbenzene*	<0.050	0.050	09/30/2024	ND	2.00	100	2.00	4.76		
Total Xylenes*	<0.150	0.150	09/30/2024	ND	5.96	99.3	6.00	4.87		
Total BTEX	<0.300	0.300	09/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/01/2024	ND	400	100	400	11.3		

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	09/30/2024	ND	209	105	200	4.29	
DRO >C10-C28*	<10.0	10.0	09/30/2024	ND	198	99.1	200	0.719	
EXT DRO >C28-C36	<10.0	10.0	09/30/2024	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.7 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
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 Fax To: (505) 391-4585

Received: 09/30/2024
 Reported: 10/01/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP 12 (1') (H245923-08)

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	09/30/2024	ND	2.14	107	2.00	1.38	
Toluene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.23	
Ethylbenzene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.20	
Total Xylenes*	<0.150	0.150	09/30/2024	ND	7.04	117	6.00	1.22	
Total BTEx	<0.300	0.300	09/30/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/01/2024	ND	400	100	400	11.3	

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	09/30/2024	ND	209	105	200	4.29	
DRO >C10-C28*	<10.0	10.0	09/30/2024	ND	198	99.1	200	0.719	
EXT DRO >C28-C36	<10.0	10.0	09/30/2024	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 09/30/2024
 Reported: 10/01/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP 13 (SURF) (H245923-09)

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	09/30/2024	ND	2.14	107	2.00	1.38	
Toluene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.23	
Ethylbenzene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.20	
Total Xylenes*	<0.150	0.150	09/30/2024	ND	7.04	117	6.00	1.22	
Total BTEX	<0.300	0.300	09/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	10/01/2024	ND	400	100	400	11.3	

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	09/30/2024	ND	209	105	200	4.29	
DRO >C10-C28*	<10.0	10.0	09/30/2024	ND	198	99.1	200	0.719	
EXT DRO >C28-C36	<10.0	10.0	09/30/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 09/30/2024
 Reported: 10/01/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP 13 (2') (H245923-10)

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	09/30/2024	ND	2.14	107	2.00	1.38		
Toluene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.23		
Ethylbenzene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.20		
Total Xylenes*	<0.150	0.150	09/30/2024	ND	7.04	117	6.00	1.22		
Total BTEX	<0.300	0.300	09/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	10/01/2024	ND	400	100	400	11.3	

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	09/30/2024	ND	209	105	200	4.29	
DRO >C10-C28*	<10.0	10.0	09/30/2024	ND	198	99.1	200	0.719	
EXT DRO >C28-C36	<10.0	10.0	09/30/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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 Fax To: (505) 391-4585

Received: 09/30/2024
 Reported: 10/01/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP 14 (SURF) (H245923-11)

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	09/30/2024	ND	2.14	107	2.00	1.38		
Toluene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.23		
Ethylbenzene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.20		
Total Xylenes*	<0.150	0.150	09/30/2024	ND	7.04	117	6.00	1.22		
Total BTEX	<0.300	0.300	09/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	26800	16.0	10/01/2024	ND	400	100	400	11.3		

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	09/30/2024	ND	209	105	200	4.29	
DRO >C10-C28*	<10.0	10.0	09/30/2024	ND	198	99.1	200	0.719	
EXT DRO >C28-C36	<10.0	10.0	09/30/2024	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 09/30/2024
 Reported: 10/01/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP 14 (8') (H245923-12)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2024	ND	2.14	107	2.00	1.38		
Toluene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.23		
Ethylbenzene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.20		
Total Xylenes*	<0.150	0.150	09/30/2024	ND	7.04	117	6.00	1.22		
Total BTX	<0.300	0.300	09/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	10/01/2024	ND	400	100	400	11.3	

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	09/30/2024	ND	209	105	200	4.29	
DRO >C10-C28*	<10.0	10.0	09/30/2024	ND	198	99.1	200	0.719	
EXT DRO >C28-C36	<10.0	10.0	09/30/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 09/30/2024
 Reported: 10/01/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP 15 (SURF) (H245923-13)

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	09/30/2024	ND	2.14	107	2.00	1.38		
Toluene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.23		
Ethylbenzene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.20		
Total Xylenes*	<0.150	0.150	09/30/2024	ND	7.04	117	6.00	1.22		
Total BTEX	<0.300	0.300	09/30/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	800	16.0	10/01/2024	ND	400	100	400	11.3		

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	09/30/2024	ND	209	105	200	4.29	
DRO >C10-C28*	<10.0	10.0	09/30/2024	ND	198	99.1	200	0.719	
EXT DRO >C28-C36	<10.0	10.0	09/30/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 09/30/2024
 Reported: 10/01/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP 15 (8') (H245923-14)

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	09/30/2024	ND	2.14	107	2.00	1.38	
Toluene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.23	
Ethylbenzene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.20	
Total Xylenes*	<0.150	0.150	09/30/2024	ND	7.04	117	6.00	1.22	
Total BTEX	<0.300	0.300	09/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	10/01/2024	ND	400	100	400	11.3	

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	09/30/2024	ND	209	105	200	4.29	
DRO >C10-C28*	<10.0	10.0	09/30/2024	ND	198	99.1	200	0.719	
EXT DRO >C28-C36	12.3	10.0	09/30/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 09/30/2024
 Reported: 10/01/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HZ 4 (SURF) (H245923-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2024	ND	2.14	107	2.00	1.38		
Toluene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.23		
Ethylbenzene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.20		
Total Xylenes*	<0.150	0.150	09/30/2024	ND	7.04	117	6.00	1.22		
Total BTEX	<0.300	0.300	09/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/01/2024	ND	400	100	400	11.3		

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	09/30/2024	ND	209	105	200	4.29	
DRO >C10-C28*	<10.0	10.0	09/30/2024	ND	198	99.1	200	0.719	
EXT DRO >C28-C36	<10.0	10.0	09/30/2024	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 09/30/2024
 Reported: 10/01/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HZ 4 (1') (H245923-16)

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	09/30/2024	ND	2.14	107	2.00	1.38	
Toluene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.23	
Ethylbenzene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.20	
Total Xylenes*	<0.150	0.150	09/30/2024	ND	7.04	117	6.00	1.22	
Total BTEX	<0.300	0.300	09/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/01/2024	ND	400	100	400	11.3	

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	09/30/2024	ND	209	105	200	4.29	
DRO >C10-C28*	<10.0	10.0	09/30/2024	ND	198	99.1	200	0.719	
EXT DRO >C28-C36	<10.0	10.0	09/30/2024	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 09/30/2024
 Reported: 10/01/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS - 04 (8') (H245923-17)

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	09/30/2024	ND	2.14	107	2.00	1.38	
Toluene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.23	
Ethylbenzene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.20	
Total Xylenes*	<0.150	0.150	09/30/2024	ND	7.04	117	6.00	1.22	
Total BTEX	<0.300	0.300	09/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	10/01/2024	ND	400	100	400	11.3		

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	09/30/2024	ND	209	105	200	4.29	
DRO >C10-C28*	<10.0	10.0	09/30/2024	ND	198	99.1	200	0.719	
EXT DRO >C28-C36	<10.0	10.0	09/30/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 09/30/2024
 Reported: 10/01/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS - 05 (20') (H245923-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2024	ND	2.14	107	2.00	1.38		
Toluene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.23		
Ethylbenzene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.20		
Total Xylenes*	<0.150	0.150	09/30/2024	ND	7.04	117	6.00	1.22		
Total BTEX	<0.300	0.300	09/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	10/01/2024	ND	400	100	400	11.3		

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	09/30/2024	ND	209	105	200	4.29	
DRO >C10-C28*	<10.0	10.0	09/30/2024	ND	198	99.1	200	0.719	
EXT DRO >C28-C36	<10.0	10.0	09/30/2024	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 09/30/2024
 Reported: 10/01/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS - 07 (12') (H245923-19)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2024	ND	2.14	107	2.00	1.38		
Toluene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.23		
Ethylbenzene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.20		
Total Xylenes*	<0.150	0.150	09/30/2024	ND	7.04	117	6.00	1.22		
Total BTX	<0.300	0.300	09/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	10/01/2024	ND	400	100	400	11.3		

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	09/30/2024	ND	209	105	200	4.29	
DRO >C10-C28*	<10.0	10.0	09/30/2024	ND	198	99.1	200	0.719	
EXT DRO >C28-C36	<10.0	10.0	09/30/2024	ND					

Surrogate: 1-Chlorooctane 99.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	09/30/2024	Sampling Date:	09/27/2024
Reported:	10/01/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: SP 4 (4') (H245923-20)

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	09/30/2024	ND	2.14	107	2.00	1.38		
Toluene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.23		
Ethylbenzene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.20		
Total Xylenes*	<0.150	0.150	09/30/2024	ND	7.04	117	6.00	1.22		
Total BTEx	<0.300	0.300	09/30/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	10/01/2024	ND	400	100	400	11.3		

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	09/30/2024	ND	209	105	200	4.29	
DRO >C10-C28*	13.9	10.0	09/30/2024	ND	198	99.1	200	0.719	
EXT DRO >C28-C36	22.4	10.0	09/30/2024	ND					

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 09/30/2024
 Reported: 10/01/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP 5 (12') (H245923-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2024	ND	2.14	107	2.00	1.38		
Toluene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.23		
Ethylbenzene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.20		
Total Xylenes*	<0.150	0.150	09/30/2024	ND	7.04	117	6.00	1.22		
Total BTEX	<0.300	0.300	09/30/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	10/01/2024	ND	400	100	400	11.3	

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	10/01/2024	ND	209	105	200	4.29	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	198	99.1	200	0.719	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 09/30/2024
 Reported: 10/01/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP 6 (8') (H245923-22)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2024	ND	2.14	107	2.00	1.38		
Toluene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.23		
Ethylbenzene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.20		
Total Xylenes*	<0.150	0.150	09/30/2024	ND	7.04	117	6.00	1.22		
Total BTX	<0.300	0.300	09/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	10/01/2024	ND	400	100	400	11.3		

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	10/01/2024	ND	209	105	200	4.29	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	198	99.1	200	0.719	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 09/30/2024
 Reported: 10/01/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP 7 (SURF) (H245923-23)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2024	ND	2.14	107	2.00	1.38		
Toluene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.23		
Ethylbenzene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.20		
Total Xylenes*	<0.150	0.150	09/30/2024	ND	7.04	117	6.00	1.22		
Total BTX	<0.300	0.300	09/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6560	16.0	10/01/2024	ND	400	100	400	11.3		

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	10/01/2024	ND	209	105	200	4.29	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	198	99.1	200	0.719	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 09/30/2024
 Reported: 10/01/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP 7 (10') (H245923-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2024	ND	2.14	107	2.00	1.38		
Toluene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.23		
Ethylbenzene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.20		
Total Xylenes*	<0.150	0.150	09/30/2024	ND	7.04	117	6.00	1.22		
Total BTEX	<0.300	0.300	09/30/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	10/01/2024	ND	400	100	400	11.3		

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	10/01/2024	ND	209	105	200	4.29	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	198	99.1	200	0.719	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 09/30/2024
 Reported: 10/01/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP 8 (SURF) (H245923-25)

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	09/30/2024	ND	2.14	107	2.00	1.38		
Toluene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.23		
Ethylbenzene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.20		
Total Xylenes*	<0.150	0.150	09/30/2024	ND	7.04	117	6.00	1.22		
Total BTEX	<0.300	0.300	09/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	28000	16.0	10/01/2024	ND	432	108	400	3.64	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	09/30/2024	ND	213	106	200	0.311	
DRO >C10-C28*	<10.0	10.0	09/30/2024	ND	203	101	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	09/30/2024	ND					

Surrogate: 1-Chlorooctane 73.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 09/30/2024
 Reported: 10/01/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP 8 (4') (H245923-26)

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	09/30/2024	ND	2.14	107	2.00	1.38		
Toluene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.23		
Ethylbenzene*	<0.050	0.050	09/30/2024	ND	2.22	111	2.00	2.20		
Total Xylenes*	<0.150	0.150	09/30/2024	ND	7.04	117	6.00	1.22		
Total BTEx	<0.300	0.300	09/30/2024	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	192	16.0	10/01/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2024	ND	213	106	200	0.311	
DRO >C10-C28*	<10.0	10.0	09/30/2024	ND	203	101	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	09/30/2024	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

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

[illegible]



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 30 of 31

Company Name: Hungry Horse LLC		BILL TO		ANALYSIS REQUEST																			
Project Manager: Daniel Dominguez		P.O. #:																					
Address: 4024 Plains Hwy		Company: Murchison Oil & Gas																					
City: Lovington	State: NM	Zip: 88260	Attn: Greg Boans																				
Phone #: 575 393-3386	Fax #:	Address: 5325 Sierra Vista																					
Project #:	Project Owner: Murchison Oil & Gas	City: Carlsbad																					
Project Name: Ogden State 4	State: NM		Zip: 88230																				
Project Location: UL/ P Sec 2 T25S - R26E	Phone #: 575 706-0667		Fax #:																				
Sampler Name: Hector Luna																							
FOR LAB USE ONLY																							
Lab I.D.	Sample I.D.	(GRAB OR (C)OMP.)	# CONTAINERS	MATRIX				PRESERV.	SAMPLING		Chloride	TPH	BTEX 8021										
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE										ICE / COOL	OTHER	DATE	TIME
11	SP14 (Surf)	G	1			X					X		9/27/24		X	X	X						
12	SP14 (8')	G	1			X					X		9/27/24		X	X	X						
13	SP15 (Surf)	G	1			X					X		9/27/24		X	X	X						
14	SP15 (8')	G	1			X					X		9/27/24		X	X	X						
15	HZ4 (Surf)	G	1			X					X		9/27/24		X	X	X						
16	HZ4 (1')	G	1			X					X		9/27/24		X	X	X						

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Relinquished By:	Date: 9/30/24 Time: 1:34	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date: 9/30/24 Time: 1:34	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:
Delivered By: (Circle One)	1-3-L/C-O-60	Sample Condition	REMARKS: 24 hr Rush! Email results to: pm@hungry-horse.com gboans@jdmii.com
Sampler - UPS - Bus - Other: 0-7-L/#140	1-3-L/C-O-60	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	
Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476			CHECKED BY: (Initials)

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		BILL TO		ANALYSIS REQUEST																											
Project Manager: Daniel Dominguez		P.O. #:																													
Address: 4024 Plains Hwy		Company: Murchison Oil & Gas																													
City: Lovington	State: NM	Zip: 88260	Attn: Greg Boans																												
Phone #: 575 393-3386	Fax #:		Address: 5325 Sierra Vista																												
Project #:	Project Owner: Murchison Oil & Gas		City: Carlsbad																												
Project Name: Ogden State 4		State: NM Zip: 88230																													
Project Location: UL/ P Sec 2 T2S - R26E		Phone #: 575 706-0667																													
Sampler Name: Hector Luna		Fax #:																													
FOR LAB USE ONLY				MATRIX	PRESERV.	SAMPLING																									
Lab I.D.	Sample I.D.	(G/RAB OR C)COMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH	BTEX 8021														
H245CB3		G	1		X					X			9/27/24		X	X	X														
17	CS-04 (8')	G	1		X					X			9/27/24		X	X	X														
18	CS-05 (20')	G	1		X					X			9/27/24		X	X	X														
19	CS-07 (12')	G	1		X					X			9/27/24		X	X	X														
20	SP4 (4')	G	1		X					X			9/27/24		X	X	X														
21	SP5 (12')	G	1		X					X			9/27/24		X	X	X														
22	SP6 (8')	G	1		X					X			9/27/24		X	X	X														
23	SP7 (Surf)	G	1		X					X			9/27/24		X	X	X														
24	SP7 (10')	G	1		X					X			9/27/24		X	X	X														
25	SP8 (Surf)	G	1		X					X			9/27/24		X	X	X														
26	SP8 (4')	G	1		X					X			9/27/24		X	X	X														
<small>LEASE 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.</small>																															
Relinquished By:		Date: 9/30/24		Received By:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:																							
		Time: 1:40				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:																							
Relinquished By:		Date: 9/30/24		Received By:		REMARKS: 24 hr Rush! Email results to: pm@hungry-horse.com gboans@jdmii.com																									
		Time: 1:48																													
Delivered By: (Circle One)				Sample Condition				CHECKED BY:																							
Sampler - UPS - Bus - Other: 1-30/60-00 0-70/#140				Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				(Initials) AP																							
Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476																															



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

December 17, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: OGDEN STATE 4

Enclosed are the results of analyses for samples received by the laboratory on 12/13/24 8:02.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 1 8' (H247554-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2024	ND	2.12	106	2.00	1.98	
Toluene*	<0.050	0.050	12/13/2024	ND	2.18	109	2.00	1.55	
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.10	105	2.00	0.267	
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.58	110	6.00	0.0859	
Total BTX	<0.300	0.300	12/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	192	96.0	200	0.312	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	183	91.5	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 2 8' (H247554-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.12	106	2.00	1.98		
Toluene*	<0.050	0.050	12/13/2024	ND	2.18	109	2.00	1.55		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.10	105	2.00	0.267		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.58	110	6.00	0.0859		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	192	96.0	200	0.312	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	183	91.5	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 3 8' (H247554-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.12	106	2.00	1.98		
Toluene*	<0.050	0.050	12/13/2024	ND	2.18	109	2.00	1.55		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.10	105	2.00	0.267		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.58	110	6.00	0.0859		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	192	96.0	200	0.312	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	183	91.5	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 4 8' (H247554-04)

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	12/13/2024	ND	2.12	106	2.00	1.98		
Toluene*	<0.050	0.050	12/13/2024	ND	2.18	109	2.00	1.55		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.10	105	2.00	0.267		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.58	110	6.00	0.0859		
Total BTEx	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	192	96.0	200	0.312	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	183	91.5	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 5 8' (H247554-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.12	106	2.00	1.98		
Toluene*	<0.050	0.050	12/13/2024	ND	2.18	109	2.00	1.55		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.10	105	2.00	0.267		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.58	110	6.00	0.0859		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	192	96.0	200	0.312	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	183	91.5	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 6 8' (H247554-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.12	106	2.00	1.98		
Toluene*	<0.050	0.050	12/13/2024	ND	2.18	109	2.00	1.55		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.10	105	2.00	0.267		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.58	110	6.00	0.0859		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	192	96.0	200	0.312	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	183	91.5	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 7 8' (H247554-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.12	106	2.00	1.98		
Toluene*	<0.050	0.050	12/13/2024	ND	2.18	109	2.00	1.55		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.10	105	2.00	0.267		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.58	110	6.00	0.0859		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	192	96.0	200	0.312	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	183	91.5	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 8 8' (H247554-08)

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	12/13/2024	ND	2.12	106	2.00	1.98	
Toluene*	<0.050	0.050	12/13/2024	ND	2.18	109	2.00	1.55	
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.10	105	2.00	0.267	
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.58	110	6.00	0.0859	
Total BTEX	<0.300	0.300	12/13/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/13/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	192	96.0	200	0.312	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	183	91.5	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 9 8' (H247554-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.12	106	2.00	1.98		
Toluene*	<0.050	0.050	12/13/2024	ND	2.18	109	2.00	1.55		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.10	105	2.00	0.267		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.58	110	6.00	0.0859		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	192	96.0	200	0.312	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	183	91.5	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 10 8' (H247554-10)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2024	ND	2.12	106	2.00	1.98	
Toluene*	<0.050	0.050	12/13/2024	ND	2.18	109	2.00	1.55	
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.10	105	2.00	0.267	
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.58	110	6.00	0.0859	
Total BTEX	<0.300	0.300	12/13/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/13/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	192	96.0	200	0.312	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	183	91.5	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 11 8' (H247554-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.12	106	2.00	1.98		
Toluene*	<0.050	0.050	12/13/2024	ND	2.18	109	2.00	1.55		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.10	105	2.00	0.267		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.58	110	6.00	0.0859		
Total BTEx	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	192	96.0	200	0.312	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	183	91.5	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 12 8' (H247554-12)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.12	106	2.00	1.98		
Toluene*	<0.050	0.050	12/13/2024	ND	2.18	109	2.00	1.55		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.10	105	2.00	0.267		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.58	110	6.00	0.0859		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	192	96.0	200	0.312	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	183	91.5	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 13 8' (H247554-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.12	106	2.00	1.98		
Toluene*	<0.050	0.050	12/13/2024	ND	2.18	109	2.00	1.55		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.10	105	2.00	0.267		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.58	110	6.00	0.0859		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	192	96.0	200	0.312	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	183	91.5	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 14 8' (H247554-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.12	106	2.00	1.98		
Toluene*	<0.050	0.050	12/13/2024	ND	2.18	109	2.00	1.55		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.10	105	2.00	0.267		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.58	110	6.00	0.0859		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	192	96.0	200	0.312	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	183	91.5	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 15 8' (H247554-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.12	106	2.00	1.98		
Toluene*	<0.050	0.050	12/13/2024	ND	2.18	109	2.00	1.55		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.10	105	2.00	0.267		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.58	110	6.00	0.0859		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	192	96.0	200	0.312	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	183	91.5	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 16 8' (H247554-16)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.12	106	2.00	1.98		
Toluene*	<0.050	0.050	12/13/2024	ND	2.18	109	2.00	1.55		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.10	105	2.00	0.267		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.58	110	6.00	0.0859		
Total BTX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	192	96.0	200	0.312	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	183	91.5	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 17 8' (H247554-17)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.12	106	2.00	1.98		
Toluene*	<0.050	0.050	12/13/2024	ND	2.18	109	2.00	1.55		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.10	105	2.00	0.267		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.58	110	6.00	0.0859		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	192	96.0	200	0.312	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	183	91.5	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 18 8' (H247554-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.12	106	2.00	1.98		
Toluene*	<0.050	0.050	12/13/2024	ND	2.18	109	2.00	1.55		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.10	105	2.00	0.267		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.58	110	6.00	0.0859		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	192	96.0	200	0.312	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	183	91.5	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 19 8' (H247554-19)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2024	ND	2.12	106	2.00	1.98	
Toluene*	<0.050	0.050	12/13/2024	ND	2.18	109	2.00	1.55	
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.10	105	2.00	0.267	
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.58	110	6.00	0.0859	
Total BTEX	<0.300	0.300	12/13/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/13/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	192	96.0	200	0.312	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	183	91.5	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 20 8' (H247554-20)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.12	106	2.00	1.98		
Toluene*	<0.050	0.050	12/13/2024	ND	2.18	109	2.00	1.55		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.10	105	2.00	0.267		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.58	110	6.00	0.0859		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	192	96.0	200	0.312	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	183	91.5	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 21 8' (H247554-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.48		
Toluene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	4.35		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.06	103	2.00	4.13		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.19	103	6.00	4.40		
Total BTEx	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	209	104	200	0.557	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	197	98.4	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 22 8' (H247554-22)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.48		
Toluene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	4.35		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.06	103	2.00	4.13		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.19	103	6.00	4.40		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	209	104	200	0.557	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	197	98.4	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 23 8' (H247554-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.48		
Toluene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	4.35		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.06	103	2.00	4.13		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.19	103	6.00	4.40		
Total BTEx	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	209	104	200	0.557	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	197	98.4	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 24 8' (H247554-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.48		
Toluene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	4.35		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.06	103	2.00	4.13		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.19	103	6.00	4.40		
Total BTEx	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	209	104	200	0.557	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	197	98.4	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 25 8' (H247554-25)

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	12/13/2024	ND	2.02	101	2.00	4.48		
Toluene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	4.35		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.06	103	2.00	4.13		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.19	103	6.00	4.40		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	209	104	200	0.557	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	197	98.4	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 26 8' (H247554-26)

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	12/13/2024	ND	2.02	101	2.00	4.48		
Toluene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	4.35		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.06	103	2.00	4.13		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.19	103	6.00	4.40		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	209	104	200	0.557	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	197	98.4	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 96.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 27 8' (H247554-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.48		
Toluene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	4.35		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.06	103	2.00	4.13		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.19	103	6.00	4.40		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	209	104	200	0.557	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	197	98.4	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 28 8' (H247554-28)

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	12/13/2024	ND	2.02	101	2.00	4.48		
Toluene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	4.35		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.06	103	2.00	4.13		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.19	103	6.00	4.40		
Total BTEx	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	209	104	200	0.557	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	197	98.4	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 29 8' (H247554-29)

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	12/13/2024	ND	2.02	101	2.00	4.48	
Toluene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	4.35	
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.06	103	2.00	4.13	
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.19	103	6.00	4.40	
Total BTEX	<0.300	0.300	12/13/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/13/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	209	104	200	0.557	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	197	98.4	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 30 8' (H247554-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.48		
Toluene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	4.35		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.06	103	2.00	4.13		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.19	103	6.00	4.40		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	209	104	200	0.557	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	197	98.4	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 31 8' (H247554-31)

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	12/13/2024	ND	2.02	101	2.00	4.48		
Toluene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	4.35		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.06	103	2.00	4.13		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.19	103	6.00	4.40		
Total BTEx	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	209	104	200	0.557	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	197	98.4	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 32 8' (H247554-32)

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	12/13/2024	ND	2.02	101	2.00	4.48		
Toluene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	4.35		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.06	103	2.00	4.13		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.19	103	6.00	4.40		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	209	104	200	0.557	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	197	98.4	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 33 8' (H247554-33)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.48		
Toluene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	4.35		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.06	103	2.00	4.13		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.19	103	6.00	4.40		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	209	104	200	0.557	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	197	98.4	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 34 8' (H247554-34)

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	12/13/2024	ND	2.02	101	2.00	4.48		
Toluene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	4.35		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.06	103	2.00	4.13		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.19	103	6.00	4.40		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	209	104	200	0.557	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	197	98.4	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 35 8' (H247554-35)

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	12/13/2024	ND	2.02	101	2.00	4.48		
Toluene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	4.35		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.06	103	2.00	4.13		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.19	103	6.00	4.40		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	209	104	200	0.557	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	197	98.4	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 36 8' (H247554-36)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.48		
Toluene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	4.35		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.06	103	2.00	4.13		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.19	103	6.00	4.40		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	209	104	200	0.557	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	197	98.4	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 37 8' (H247554-37)

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	12/13/2024	ND	2.02	101	2.00	4.48		
Toluene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	4.35		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.06	103	2.00	4.13		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.19	103	6.00	4.40		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	209	104	200	0.557	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	197	98.4	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 38 8' (H247554-38)

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	12/13/2024	ND	2.02	101	2.00	4.48		
Toluene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	4.35		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.06	103	2.00	4.13		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.19	103	6.00	4.40		
Total BTEx	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	209	104	200	0.557	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	197	98.4	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 39 8' (H247554-39)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.48	
Toluene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	4.35	
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.06	103	2.00	4.13	
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.19	103	6.00	4.40	
Total BTEX	<0.300	0.300	12/13/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/13/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	209	104	200	0.557	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	197	98.4	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 40 8' (H247554-40)

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	12/13/2024	ND	2.02	101	2.00	4.48		
Toluene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	4.35		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.06	103	2.00	4.13		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.19	103	6.00	4.40		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	209	104	200	0.557	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	197	98.4	200	2.28	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 41 8' (H247554-41)

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	12/13/2024	ND	2.02	101	2.00	4.95		
Toluene*	<0.050	0.050	12/13/2024	ND	1.93	96.7	2.00	1.44		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	1.72		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.96	99.4	6.00	1.92		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	195	97.4	200	0.501	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 42 8' (H247554-42)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.95		
Toluene*	<0.050	0.050	12/13/2024	ND	1.93	96.7	2.00	1.44		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	1.72		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.96	99.4	6.00	1.92		
Total BTEx	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	195	97.4	200	0.501	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 43 8' (H247554-43)

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	12/13/2024	ND	2.02	101	2.00	4.95		
Toluene*	<0.050	0.050	12/13/2024	ND	1.93	96.7	2.00	1.44		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	1.72		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.96	99.4	6.00	1.92		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	195	97.4	200	0.501	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 44 8' (H247554-44)

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	12/13/2024	ND	2.02	101	2.00	4.95		
Toluene*	<0.050	0.050	12/13/2024	ND	1.93	96.7	2.00	1.44		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	1.72		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.96	99.4	6.00	1.92		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	195	97.4	200	0.501	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 45 8' (H247554-45)

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	12/13/2024	ND	2.02	101	2.00	4.95		
Toluene*	<0.050	0.050	12/13/2024	ND	1.93	96.7	2.00	1.44		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	1.72		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.96	99.4	6.00	1.92		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	195	97.4	200	0.501	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 46 8' (H247554-46)

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	12/13/2024	ND	2.02	101	2.00	4.95		
Toluene*	<0.050	0.050	12/13/2024	ND	1.93	96.7	2.00	1.44		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	1.72		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.96	99.4	6.00	1.92		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	195	97.4	200	0.501	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 47 8' (H247554-47)

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	12/13/2024	ND	2.02	101	2.00	4.95		
Toluene*	<0.050	0.050	12/13/2024	ND	1.93	96.7	2.00	1.44		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	1.72		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.96	99.4	6.00	1.92		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	195	97.4	200	0.501	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 48 8' (H247554-48)

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	12/13/2024	ND	2.02	101	2.00	4.95	
Toluene*	<0.050	0.050	12/13/2024	ND	1.93	96.7	2.00	1.44	
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	1.72	
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.96	99.4	6.00	1.92	
Total BTEX	<0.300	0.300	12/13/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/13/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	195	97.4	200	0.501	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 49 8' (H247554-49)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.95		
Toluene*	<0.050	0.050	12/13/2024	ND	1.93	96.7	2.00	1.44		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	1.72		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.96	99.4	6.00	1.92		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	195	97.4	200	0.501	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 50 8' (H247554-50)

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	12/13/2024	ND	2.02	101	2.00	4.95		
Toluene*	<0.050	0.050	12/13/2024	ND	1.93	96.7	2.00	1.44		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	1.72		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.96	99.4	6.00	1.92		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	195	97.4	200	0.501	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 51 8' (H247554-51)

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	12/13/2024	ND	2.02	101	2.00	4.95		
Toluene*	<0.050	0.050	12/13/2024	ND	1.93	96.7	2.00	1.44		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	1.72		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.96	99.4	6.00	1.92		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	195	97.4	200	0.501	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 52 8' (H247554-52)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.95		
Toluene*	<0.050	0.050	12/13/2024	ND	1.93	96.7	2.00	1.44		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	1.72		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.96	99.4	6.00	1.92		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	195	97.4	200	0.501	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 53 8' (H247554-53)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.95		
Toluene*	<0.050	0.050	12/13/2024	ND	1.93	96.7	2.00	1.44		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	1.72		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.96	99.4	6.00	1.92		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	195	97.4	200	0.501	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 54 8' (H247554-54)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.95		
Toluene*	<0.050	0.050	12/13/2024	ND	1.93	96.7	2.00	1.44		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	1.72		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.96	99.4	6.00	1.92		
Total BTEx	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	195	97.4	200	0.501	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 55 8' (H247554-55)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.95	
Toluene*	<0.050	0.050	12/13/2024	ND	1.93	96.7	2.00	1.44	
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	1.72	
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.96	99.4	6.00	1.92	
Total BTEX	<0.300	0.300	12/13/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/13/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	195	97.4	200	0.501	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 56 8' (H247554-56)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.95		
Toluene*	<0.050	0.050	12/13/2024	ND	1.93	96.7	2.00	1.44		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	1.72		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.96	99.4	6.00	1.92		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	195	97.4	200	0.501	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 57 8' (H247554-57)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.95		
Toluene*	<0.050	0.050	12/13/2024	ND	1.93	96.7	2.00	1.44		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	1.72		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.96	99.4	6.00	1.92		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	195	97.4	200	0.501	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 58 8' (H247554-58)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.95		
Toluene*	<0.050	0.050	12/13/2024	ND	1.93	96.7	2.00	1.44		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	1.72		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.96	99.4	6.00	1.92		
Total BTEx	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	195	97.4	200	0.501	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 59 8' (H247554-59)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.95		
Toluene*	<0.050	0.050	12/13/2024	ND	1.93	96.7	2.00	1.44		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	1.72		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.96	99.4	6.00	1.92		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	195	97.4	200	0.501	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 60 8' (H247554-60)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.95		
Toluene*	<0.050	0.050	12/13/2024	ND	1.93	96.7	2.00	1.44		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	1.72		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.96	99.4	6.00	1.92		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	195	97.4	200	0.501	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 61 8' (H247554-61)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	6.95		
Toluene*	<0.050	0.050	12/13/2024	ND	2.05	102	2.00	5.77		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.08	104	2.00	3.85		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.32	105	6.00	3.65		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	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	12/13/2024	ND	208	104	200	0.582	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	191	95.4	200	0.545	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 66.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 62 8' (H247554-62)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	6.95		
Toluene*	<0.050	0.050	12/13/2024	ND	2.05	102	2.00	5.77		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.08	104	2.00	3.85		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.32	105	6.00	3.65		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	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	12/13/2024	ND	208	104	200	0.582	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	191	95.4	200	0.545	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 63 8' (H247554-63)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	6.95		
Toluene*	<0.050	0.050	12/13/2024	ND	2.05	102	2.00	5.77		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.08	104	2.00	3.85		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.32	105	6.00	3.65		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	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	12/13/2024	ND	208	104	200	0.582	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	191	95.4	200	0.545	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.4 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 64 8' (H247554-64)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	6.95		
Toluene*	<0.050	0.050	12/13/2024	ND	2.05	102	2.00	5.77		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.08	104	2.00	3.85		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.32	105	6.00	3.65		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	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	12/13/2024	ND	208	104	200	0.582	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	191	95.4	200	0.545	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 65 8' (H247554-65)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	6.95	
Toluene*	<0.050	0.050	12/13/2024	ND	2.05	102	2.00	5.77	
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.08	104	2.00	3.85	
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.32	105	6.00	3.65	
Total BTEX	<0.300	0.300	12/13/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	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	12/13/2024	ND	208	104	200	0.582	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	191	95.4	200	0.545	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 66 8' (H247554-66)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	6.95	
Toluene*	<0.050	0.050	12/13/2024	ND	2.05	102	2.00	5.77	
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.08	104	2.00	3.85	
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.32	105	6.00	3.65	
Total BTEX	<0.300	0.300	12/13/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	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	12/13/2024	ND	208	104	200	0.582	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	191	95.4	200	0.545	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 72.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 67 8' (H247554-67)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	6.95		
Toluene*	<0.050	0.050	12/13/2024	ND	2.05	102	2.00	5.77		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.08	104	2.00	3.85		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.32	105	6.00	3.65		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	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	12/13/2024	ND	208	104	200	0.582	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	191	95.4	200	0.545	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 68 8' (H247554-68)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	6.95		
Toluene*	<0.050	0.050	12/13/2024	ND	2.05	102	2.00	5.77		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.08	104	2.00	3.85		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.32	105	6.00	3.65		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	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	12/13/2024	ND	208	104	200	0.582	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	191	95.4	200	0.545	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 69 8' (H247554-69)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	6.95	
Toluene*	<0.050	0.050	12/13/2024	ND	2.05	102	2.00	5.77	
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.08	104	2.00	3.85	
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.32	105	6.00	3.65	
Total BTEX	<0.300	0.300	12/13/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/13/2024	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	12/13/2024	ND	208	104	200	0.582	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	191	95.4	200	0.545	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 70 8' (H247554-70)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	6.95		
Toluene*	<0.050	0.050	12/13/2024	ND	2.05	102	2.00	5.77		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.08	104	2.00	3.85		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.32	105	6.00	3.65		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	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	12/13/2024	ND	208	104	200	0.582	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	191	95.4	200	0.545	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 71 8' (H247554-71)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	6.95		
Toluene*	<0.050	0.050	12/13/2024	ND	2.05	102	2.00	5.77		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.08	104	2.00	3.85		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.32	105	6.00	3.65		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	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	12/16/2024	ND	208	104	200	0.582	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	191	95.4	200	0.545	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.6 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 72 8' (H247554-72)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	6.95		
Toluene*	<0.050	0.050	12/13/2024	ND	2.05	102	2.00	5.77		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.08	104	2.00	3.85		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.32	105	6.00	3.65		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	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	12/16/2024	ND	208	104	200	0.582	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	191	95.4	200	0.545	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 73 8' (H247554-73)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	6.95		
Toluene*	<0.050	0.050	12/13/2024	ND	2.05	102	2.00	5.77		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.08	104	2.00	3.85		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.32	105	6.00	3.65		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	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	12/16/2024	ND	208	104	200	0.582	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	191	95.4	200	0.545	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.1 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 74 8' (H247554-74)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	6.95	
Toluene*	<0.050	0.050	12/13/2024	ND	2.05	102	2.00	5.77	
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.08	104	2.00	3.85	
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.32	105	6.00	3.65	
Total BTEX	<0.300	0.300	12/13/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/13/2024	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	12/16/2024	ND	208	104	200	0.582	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	191	95.4	200	0.545	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 75 8' (H247554-75)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	6.95		
Toluene*	<0.050	0.050	12/13/2024	ND	2.05	102	2.00	5.77		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.08	104	2.00	3.85		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.32	105	6.00	3.65		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	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	12/16/2024	ND	208	104	200	0.582	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	191	95.4	200	0.545	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 76 8' (H247554-76)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	6.95		
Toluene*	<0.050	0.050	12/13/2024	ND	2.05	102	2.00	5.77		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.08	104	2.00	3.85		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.32	105	6.00	3.65		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	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	12/16/2024	ND	208	104	200	0.582	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	191	95.4	200	0.545	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 77 8' (H247554-77)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	6.95		
Toluene*	<0.050	0.050	12/13/2024	ND	2.05	102	2.00	5.77		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.08	104	2.00	3.85		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.32	105	6.00	3.65		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	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	12/13/2024	ND	208	104	200	0.582	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	191	95.4	200	0.545	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 63.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 57.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 78 8' (H247554-78)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	6.95		
Toluene*	<0.050	0.050	12/13/2024	ND	2.05	102	2.00	5.77		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.08	104	2.00	3.85		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.32	105	6.00	3.65		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	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	12/13/2024	ND	208	104	200	0.582	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	191	95.4	200	0.545	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 79 8' (H247554-79)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	6.95		
Toluene*	<0.050	0.050	12/13/2024	ND	2.05	102	2.00	5.77		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.08	104	2.00	3.85		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.32	105	6.00	3.65		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	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	12/13/2024	ND	208	104	200	0.582	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	191	95.4	200	0.545	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 69.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 80 8' (H247554-80)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.04	102	2.00	6.95		
Toluene*	<0.050	0.050	12/13/2024	ND	2.05	102	2.00	5.77		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.08	104	2.00	3.85		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.32	105	6.00	3.65		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	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	12/13/2024	ND	208	104	200	0.582	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	191	95.4	200	0.545	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.8 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 81 8' (H247554-81)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	1.98	99.2	2.00	2.04		
Toluene*	<0.050	0.050	12/13/2024	ND	1.98	98.8	2.00	1.48		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	1.99	99.4	2.00	0.0407		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.05	101	6.00	0.182		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	201	100	200	0.451	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	203	101	200	0.607	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 65.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 82 8' (H247554-82)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	1.98	99.2	2.00	2.04		
Toluene*	<0.050	0.050	12/13/2024	ND	1.98	98.8	2.00	1.48		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	1.99	99.4	2.00	0.0407		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.05	101	6.00	0.182		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	201	100	200	0.451	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	203	101	200	0.607	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 83 8' (H247554-83)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	1.98	99.2	2.00	2.04		
Toluene*	<0.050	0.050	12/13/2024	ND	1.98	98.8	2.00	1.48		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	1.99	99.4	2.00	0.0407		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.05	101	6.00	0.182		
Total BTEx	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	201	100	200	0.451	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	203	101	200	0.607	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 63.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 60.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 84 8' (H247554-84)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	1.98	99.2	2.00	2.04		
Toluene*	<0.050	0.050	12/13/2024	ND	1.98	98.8	2.00	1.48		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	1.99	99.4	2.00	0.0407		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.05	101	6.00	0.182		
Total BTEx	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	201	100	200	0.451	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	203	101	200	0.607	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 85 8' (H247554-85)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	1.98	99.2	2.00	2.04		
Toluene*	<0.050	0.050	12/13/2024	ND	1.98	98.8	2.00	1.48		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	1.99	99.4	2.00	0.0407		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.05	101	6.00	0.182		
Total BTEx	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	201	100	200	0.451	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	203	101	200	0.607	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 86 8' (H247554-86)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	1.98	99.2	2.00	2.04		
Toluene*	<0.050	0.050	12/13/2024	ND	1.98	98.8	2.00	1.48		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	1.99	99.4	2.00	0.0407		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.05	101	6.00	0.182		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	201	100	200	0.451	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	203	101	200	0.607	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 87 8' (H247554-87)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	1.98	99.2	2.00	2.04		
Toluene*	<0.050	0.050	12/13/2024	ND	1.98	98.8	2.00	1.48		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	1.99	99.4	2.00	0.0407		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.05	101	6.00	0.182		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	201	100	200	0.451	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	203	101	200	0.607	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 75.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 88 8' (H247554-88)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	1.98	99.2	2.00	2.04		
Toluene*	<0.050	0.050	12/13/2024	ND	1.98	98.8	2.00	1.48		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	1.99	99.4	2.00	0.0407		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.05	101	6.00	0.182		
Total BTEx	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	201	100	200	0.451	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	203	101	200	0.607	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 75.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 89 8' (H247554-89)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	1.98	99.2	2.00	2.04		
Toluene*	<0.050	0.050	12/13/2024	ND	1.98	98.8	2.00	1.48		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	1.99	99.4	2.00	0.0407		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.05	101	6.00	0.182		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	201	100	200	0.451	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	203	101	200	0.607	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 74.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 90 8' (H247554-90)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	1.98	99.2	2.00	2.04		
Toluene*	<0.050	0.050	12/13/2024	ND	1.98	98.8	2.00	1.48		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	1.99	99.4	2.00	0.0407		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.05	101	6.00	0.182		
Total BTEx	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	201	100	200	0.451	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	203	101	200	0.607	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 78.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

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: Hungry Horse LLC		P.O. #:		BILL TO		ANALYSIS REQUEST																						
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas																										
Address: 4024 Plains Hwy		Attn: Greg Boans																										
City: Lovington	State: NM	Zip: 88260	Address: 5325 Sierra Vista																									
Phone #: 575 393-3386	Fax #:	City: Carlsbad																										
Project #:	Project Owner: Murchison Oil & Gas	State: NM	Zip: 88230																									
Project Name: Ogden State #4		Phone #: 575 706-0667																										
Project Location: UL/ P Sec 2 T25S - R26E		Fax #:																										
Sampler Name: Jerry, Hector, Shawn, Toby																												
FOR LAB USE ONLY																												
Lab I.D. H047554	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH	BTEX 8021										
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Relinquished By: [Signature]		Date: 12-13-24		Received By: [Signature]																								
Refiniquished By: [Signature]		Date: 12-13-24		Received By: [Signature]																								
Delivered By: (Circle One) 4301 C-D-00		Sample Condition		CHECKED BY: [Signature]																								
Sampler - UPS - Bus - Other: 370 #140		Cool Intact																										
		Yes No																										
		Yes No																										
† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476																												
REMARKS: 48 hr Rush! Email results to: pm@hungry-horse.com gboans@idmii.com																												



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC				BILL TO				ANALYSIS REQUEST			
Project Manager: Daniel Dominguez				P.O. #:							
Address: 4024 Plains Hwy				Company: Murchison Oil & Gas							
City: Lovington		State: NM		Zip: 88260		Attn: Greg Boans					
Phone #: 575 393-3386		Fax #:		Address: 5325 Sierra Vista							
Project #:		Project Owner: Murchison Oil & Gas		City: Carlsbad							
Project Name: Ogden State #4		State: NM		Zip: 88230							
Project Location: U/L P Sec 2 T2S5 - R26E		Phone #: 575 706-0667									
Sampler Name: Jerry, Hector, Shawn, Toby		Fax #:									
FOR LAB USE ONLY											
Lab I.D. #47554		Sample I.D.		Depth		(G)RAB OR (C)OMP.		# CONTAINERS			
11		FL11		8'		C		1		X	
12		FL12		8'		C		1		X	
13		FL13		8'		C		1		X	
14		FL14		8'		C		1		X	
15		FL15		8'		C		1		X	
16		FL16		8'		C		1		X	
17		FL17		8'		C		1		X	
18		FL18		8'		C		1		X	
19		FL19		8'		C		1		X	
20		FL20		8'		C		1		X	
PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusion 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: [Signature]				Date: 8/13/24		Time: 0802		Received By: [Signature]			
Delivered By: (Circle One) 43:00.00				Date: 8/13/24		Time: 0802		Received By: [Signature]			
Sampler - UPS - Bus - Other: 3.72 #140				Sample Condition		Cool Intact		Checked By: [Signature]			
Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476				Yes		No		Yes		No	



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO												ANALYSIS REQUEST																																	
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas																																															
Address: 4024 Plains Hwy		Attn: Greg Boans																																															
City: Lovington		Address: 5325 Sierra Vista																																															
Phone #: 575 393-3386		City: Carlsbad																																															
Fax #: 575 393-3386		State: NM																																															
Project #:		Zip: 88260																																															
Project Name: Ogden State #4		State: NM																																															
Project Location: UL P Sec 2 T25S - R26E		Zip: 88230																																															
Sampler Name: Jerry, Hector, Shawn, Toby		Phone #: 575 706-0667																																															
Fax #:																																																	
FOR LAB USE ONLY																																																	
Lab I.D. #1547554		Sample I.D.		Depth		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		Chloride		TPH		BTEX 8021													
21		FL21		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1225		X		X		X													
22		FL22		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1226		X		X		X													
23		FL23		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1227		X		X		X													
24		FL24		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1228		X		X		X													
25		FL25		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1229		X		X		X													
26		FL26		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1230		X		X		X													
27		FL27		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1231		X		X		X													
28		FL28		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1232		X		X		X													
29		FL29		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1233		X		X		X													
30		FL30		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1234		X		X		X													
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Relinquished By: [Signature]		Date: 1/13/24		Time: 0802		Received By: [Signature]		Date: 1/13/24		Time: 0802		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Checked By: [Signature]																																			
Delivered By: (Circle One) 4.33/0.0.0.0		3.7c #140																																															
Sampler - UPS - Bus - Other: 3.7c #140																																																	
† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476																																																	



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO										ANALYSIS REQUEST																																	
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas																																													
Address: 4024 Plains Hwy		Attn: Greg Boans																																													
City: Lovington		Address: 5325 Sierra Vista																																													
Phone #: 575 393-3386		City: Carlsbad																																													
Fax #:		State: NM																																													
Project #:		Zip: 88230																																													
Project Name: Ogden State #4		Phone #: 575 706-0667																																													
Project Location: U/P Sec 2 T25S - R26E		Fax #:																																													
Sampler Name: Jerry, Hector, Shawn, Toby																																															
FOR LAB USE ONLY																																															
Lab I.D.		Sample I.D.		Depth		(G)RAB OR (C)OMP		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		Chloride		TPH		BTEX 8021											
31		FL31		8'		C 1		1		X																		12/12/24		1235		X		X		X											
32		FL32		8'		C 1		1		X																		12/12/24		1236		X		X		X											
33		FL33		8'		C 1		1		X																		12/12/24		1237		X		X		X											
34		FL34		8'		C 1		1		X																		12/12/24		1238		X		X		X											
35		FL35		8'		C 1		1		X																		12/12/24		1239		X		X		X											
36		FL36		8'		C 1		1		X																		12/12/24		1240		X		X		X											
37		FL37		8'		C 1		1		X																		12/12/24		1241		X		X		X											
38		FL38		8'		C 1		1		X																		12/12/24		1242		X		X		X											
39		FL39		8'		C 1		1		X																		12/12/24		1243		X		X		X											
40		FL40		8'		C 1		1		X																		12/12/24		1244		X		X		X											
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Relinquished By: [Signature]		Date: 12/13/24		Time: 8:00		Received By: [Signature]		Date: 12/13/24		Time: 8:00		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: [Signature]		REMARKS: 48 hr Rush! Email results to: pm@hungry-horse.com gboans@jdmil.com																															
Delivered By: (Circle One) 4.3c - 0.0c		3.7c #140																																													
Sampler - UPS - Bus - Other:																																															

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO		ANALYSIS REQUEST																																									
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas																																													
Address: 4024 Plains Hwy		Attn: Greg Boans																																													
City: Lovington		Address: 5325 Sierra Vista																																													
State: NM		City: Carlsbad																																													
Zip: 88260		State: NM																																													
Phone #: 575 393-3386		Zip: 88230																																													
Fax #:		Phone #: 575 706-0667																																													
Project #:		Fax #:																																													
Project Name: Ogden State #4		Project Owner: Murchison Oil & Gas																																													
Project Location: U/L P Sec 2 T25S - R26E		State: NM																																													
Sampler Name: Jerry, Hector, Shawn, Toby		Phone #: 575 706-0667																																													
FOR LAB USE ONLY		Fax #:																																													
Lab I.D. #B41554		Sample I.D.		Depth		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		Chloride		TPH		BTX 8021											
L01		FL61		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1305		X		X		X											
L02		FL62		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1306		X		X		X											
L03		FL63		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1307		X		X		X											
L04		FL64		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1308		X		X		X											
L05		FL65		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1309		X		X		X											
L06		FL66		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1310		X		X		X											
L07		FL67		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1311		X		X		X											
L08		FL68		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1312		X		X		X											
L09		FL69		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1313		X		X		X											
L70		FL70		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1314		X		X		X											
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Relinquished By: [Signature]		Date: 12/13/24		Time: 1800		Received By: [Signature]		Date:		Time:		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: [Signature]																																	
Delivered By: (Circle One) 4-31 C-O-U		3-72 #140																																													
Sampler - UPS - Bus - Other:																																															
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO		ANALYSIS REQUEST																	
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas																					
Address: 4024 Plains Hwy		Attn: Greg Boans																					
City: Lovington		Address: 5325 Sierra Vista																					
Phone #: 575 393-3386		City: Carlsbad																					
Fax #:		State: NM																					
Project #:		Zip: 88230																					
Project Name: Ogden State #4		State: NM																					
Project Location: U/L P Sec 2 T25S - R26E		Phone #: 575 706-0667																					
Sampler Name: Jerry, Hector, Shawn, Toby		Fax #:																					
FOR LAB USE ONLY																							
Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	Chloride	TPH	BTEX 8021											
71	FL71	8'	C	1	GROUNDWATER			12/12/24	1315	X	X	X											
72	FL72	8'	C	1	WASTEWATER			12/12/24	1316	X	X	X											
73	FL73	8'	C	1	SOIL			12/12/24	1317	X	X	X											
74	FL74	8'	C	1	OIL			12/12/24	1318	X	X	X											
75	FL75	8'	C	1	SLUDGE			12/12/24	1319	X	X	X											
76	FL76	8'	C	1	OTHER :			12/12/24	1320	X	X	X											
77	FL77	8'	C	1	ACID/BASE:			12/12/24	1321	X	X	X											
78	FL78	8'	C	1	ICE / COOL			12/12/24	1322	X	X	X											
79	FL79	8'	C	1	OTHER :			12/12/24	1323	X	X	X											
80	FL80	8'	C	1				12/12/24	1324	X	X	X											
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Relinquished By: <i>[Signature]</i>		Date: 12/13/24		Time: 0800		Received By: <i>[Signature]</i>		Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Phone #:		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Fax #:									
Delivered By: (Circle One) <i>4:30x-06x</i>		Date: 12/13/24		Time: 0800		Received By: <i>[Signature]</i>		REMARKS: 48 hr Rush!		Email results to: pm@hungry-horse.com		gboans@jdmii.com											
Sampler - UPS - Bus - Other: <i>3:72 #140</i>		Sample Condition		Cool <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		CHECKED BY: <i>[Signature]</i>															

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

December 17, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: OGDEN STATE 4

Enclosed are the results of analyses for samples received by the laboratory on 12/13/24 8:02.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 91 8' (H247555-01)

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	12/13/2024	ND	1.98	99.2	2.00	2.04	
Toluene*	<0.050	0.050	12/13/2024	ND	1.98	98.8	2.00	1.48	
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	1.99	99.4	2.00	0.0407	
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.05	101	6.00	0.182	
Total BTEx	<0.300	0.300	12/13/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	201	100	200	0.451	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	203	101	200	0.607	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 92 8' (H247555-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	1.98	99.2	2.00	2.04		
Toluene*	<0.050	0.050	12/13/2024	ND	1.98	98.8	2.00	1.48		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	1.99	99.4	2.00	0.0407		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.05	101	6.00	0.182		
Total BTEx	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	201	100	200	0.451	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	203	101	200	0.607	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 93 8' (H247555-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	1.98	99.2	2.00	2.04		
Toluene*	<0.050	0.050	12/13/2024	ND	1.98	98.8	2.00	1.48		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	1.99	99.4	2.00	0.0407		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.05	101	6.00	0.182		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	201	100	200	0.451	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	203	101	200	0.607	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 94 12' (H247555-04)

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	12/14/2024	ND	1.98	99.2	2.00	2.04		
Toluene*	<0.050	0.050	12/14/2024	ND	1.98	98.8	2.00	1.48		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.99	99.4	2.00	0.0407		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.05	101	6.00	0.182		
Total BTEx	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	201	100	200	0.451	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	203	101	200	0.607	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 95 12' (H247555-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	1.98	99.2	2.00	2.04		
Toluene*	<0.050	0.050	12/14/2024	ND	1.98	98.8	2.00	1.48		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.99	99.4	2.00	0.0407		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.05	101	6.00	0.182		
Total BTEx	<0.300	0.300	12/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	201	100	200	0.451	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	203	101	200	0.607	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 96 12' (H247555-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	1.98	99.2	2.00	2.04		
Toluene*	<0.050	0.050	12/14/2024	ND	1.98	98.8	2.00	1.48		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.99	99.4	2.00	0.0407		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.05	101	6.00	0.182		
Total BTEx	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	201	100	200	0.451	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	203	101	200	0.607	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 97 12' (H247555-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	1.98	99.2	2.00	2.04		
Toluene*	<0.050	0.050	12/14/2024	ND	1.98	98.8	2.00	1.48		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.99	99.4	2.00	0.0407		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.05	101	6.00	0.182		
Total BTEX	<0.300	0.300	12/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	201	100	200	0.451	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	203	101	200	0.607	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 75.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.1 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 98 12' (H247555-08)

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	12/14/2024	ND	1.98	99.2	2.00	2.04		
Toluene*	<0.050	0.050	12/14/2024	ND	1.98	98.8	2.00	1.48		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.99	99.4	2.00	0.0407		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.05	101	6.00	0.182		
Total BTEx	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	201	100	200	0.451	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	203	101	200	0.607	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 99 12' (H247555-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	1.98	99.2	2.00	2.04		
Toluene*	<0.050	0.050	12/14/2024	ND	1.98	98.8	2.00	1.48		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.99	99.4	2.00	0.0407		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.05	101	6.00	0.182		
Total BTEX	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	201	100	200	0.451	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	203	101	200	0.607	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 100 8' (H247555-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	1.98	99.2	2.00	2.04		
Toluene*	<0.050	0.050	12/14/2024	ND	1.98	98.8	2.00	1.48		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.99	99.4	2.00	0.0407		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.05	101	6.00	0.182		
Total BTEx	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	201	100	200	0.451	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	203	101	200	0.607	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 101 8' (H247555-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.21	111	2.00	9.06		
Toluene*	<0.050	0.050	12/13/2024	ND	2.14	107	2.00	10.1		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.16	108	2.00	12.4		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.42	107	6.00	12.8		
Total BTEx	<0.300	0.300	12/13/2024	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	32.0	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	189	94.4	200	0.491	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 64.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 102 8' (H247555-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.21	111	2.00	9.06		
Toluene*	<0.050	0.050	12/13/2024	ND	2.14	107	2.00	10.1		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.16	108	2.00	12.4		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.42	107	6.00	12.8		
Total BTEx	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	189	94.4	200	0.491	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 67.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 103 8' (H247555-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.21	111	2.00	9.06		
Toluene*	<0.050	0.050	12/13/2024	ND	2.14	107	2.00	10.1		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.16	108	2.00	12.4		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.42	107	6.00	12.8		
Total BTEx	<0.300	0.300	12/13/2024	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	16.0	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	189	94.4	200	0.491	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 71.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 104 8' (H247555-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.21	111	2.00	9.06		
Toluene*	<0.050	0.050	12/13/2024	ND	2.14	107	2.00	10.1		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.16	108	2.00	12.4		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.42	107	6.00	12.8		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	189	94.4	200	0.491	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 69.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 105 8' (H247555-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.21	111	2.00	9.06		
Toluene*	<0.050	0.050	12/13/2024	ND	2.14	107	2.00	10.1		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.16	108	2.00	12.4		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.42	107	6.00	12.8		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	189	94.4	200	0.491	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 70.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 106 8' (H247555-16)

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	12/13/2024	ND	2.21	111	2.00	9.06		
Toluene*	<0.050	0.050	12/13/2024	ND	2.14	107	2.00	10.1		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.16	108	2.00	12.4		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.42	107	6.00	12.8		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	189	94.4	200	0.491	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 74.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 107 8' (H247555-17)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.21	111	2.00	9.06		
Toluene*	<0.050	0.050	12/13/2024	ND	2.14	107	2.00	10.1		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.16	108	2.00	12.4		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.42	107	6.00	12.8		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	189	94.4	200	0.491	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 75.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 108 8' (H247555-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.21	111	2.00	9.06		
Toluene*	<0.050	0.050	12/13/2024	ND	2.14	107	2.00	10.1		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.16	108	2.00	12.4		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.42	107	6.00	12.8		
Total BTEx	<0.300	0.300	12/13/2024	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	32.0	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	189	94.4	200	0.491	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 76.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 109 8' (H247555-19)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2024	ND	2.21	111	2.00	9.06	
Toluene*	<0.050	0.050	12/13/2024	ND	2.14	107	2.00	10.1	
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.16	108	2.00	12.4	
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.42	107	6.00	12.8	
Total BTEX	<0.300	0.300	12/13/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/13/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	189	94.4	200	0.491	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 73.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 110 8' (H247555-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.21	111	2.00	9.06		
Toluene*	<0.050	0.050	12/13/2024	ND	2.14	107	2.00	10.1		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.16	108	2.00	12.4		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.42	107	6.00	12.8		
Total BTEX	<0.300	0.300	12/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	189	94.4	200	0.491	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 78.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 111 8' (H247555-21)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2024	ND	2.21	111	2.00	9.06	
Toluene*	<0.050	0.050	12/13/2024	ND	2.14	107	2.00	10.1	
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.16	108	2.00	12.4	
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.42	107	6.00	12.8	
Total BTEX	<0.300	0.300	12/13/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/13/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	189	94.4	200	0.491	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 112 8' (H247555-22)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	2.21	111	2.00	9.06		
Toluene*	<0.050	0.050	12/14/2024	ND	2.14	107	2.00	10.1		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.16	108	2.00	12.4		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.42	107	6.00	12.8		
Total BTEX	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	189	94.4	200	0.491	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 113 8' (H247555-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	2.21	111	2.00	9.06		
Toluene*	<0.050	0.050	12/14/2024	ND	2.14	107	2.00	10.1		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.16	108	2.00	12.4		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.42	107	6.00	12.8		
Total BTEx	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	189	94.4	200	0.491	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 114 8' (H247555-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	2.21	111	2.00	9.06		
Toluene*	<0.050	0.050	12/14/2024	ND	2.14	107	2.00	10.1		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.16	108	2.00	12.4		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.42	107	6.00	12.8		
Total BTEx	<0.300	0.300	12/14/2024	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	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	189	94.4	200	0.491	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 74.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.5 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 115 8' (H247555-25)

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	12/14/2024	ND	2.21	111	2.00	9.06	
Toluene*	<0.050	0.050	12/14/2024	ND	2.14	107	2.00	10.1	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.16	108	2.00	12.4	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.42	107	6.00	12.8	
Total BTEX	<0.300	0.300	12/14/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/13/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	189	94.4	200	0.491	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 116 8' (H247555-26)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2024	ND	2.21	111	2.00	9.06	
Toluene*	<0.050	0.050	12/14/2024	ND	2.14	107	2.00	10.1	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.16	108	2.00	12.4	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.42	107	6.00	12.8	
Total BTX	<0.300	0.300	12/14/2024	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	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	189	94.4	200	0.491	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 117 8' (H247555-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	2.21	111	2.00	9.06		
Toluene*	<0.050	0.050	12/14/2024	ND	2.14	107	2.00	10.1		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.16	108	2.00	12.4		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.42	107	6.00	12.8		
Total BTEx	<0.300	0.300	12/14/2024	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	32.0	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	189	94.4	200	0.491	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 118 8' (H247555-28)

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	12/14/2024	ND	2.21	111	2.00	9.06		
Toluene*	<0.050	0.050	12/14/2024	ND	2.14	107	2.00	10.1		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.16	108	2.00	12.4		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.42	107	6.00	12.8		
Total BTEX	<0.300	0.300	12/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	189	94.4	200	0.491	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 119 8' (H247555-29)

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	12/14/2024	ND	2.21	111	2.00	9.06		
Toluene*	<0.050	0.050	12/14/2024	ND	2.14	107	2.00	10.1		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.16	108	2.00	12.4		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.42	107	6.00	12.8		
Total BTEX	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	189	94.4	200	0.491	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 120 8' (H247555-30)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	2.21	111	2.00	9.06		
Toluene*	<0.050	0.050	12/14/2024	ND	2.14	107	2.00	10.1		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.16	108	2.00	12.4		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.42	107	6.00	12.8		
Total BTEX	<0.300	0.300	12/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	189	94.4	200	0.491	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	182	90.9	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 67.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 121 8' (H247555-31)

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	12/14/2024	ND	1.99	99.5	2.00	4.79		
Toluene*	<0.050	0.050	12/14/2024	ND	2.04	102	2.00	4.31		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.4	2.00	3.73		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.23	104	6.00	2.89		
Total BTEX	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	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	12/14/2024	ND	210	105	200	1.84	
DRO >C10-C28*	<10.0	10.0	12/14/2024	ND	212	106	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	12/14/2024	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 122 8' (H247555-32)

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	12/14/2024	ND	1.99	99.5	2.00	4.79		
Toluene*	<0.050	0.050	12/14/2024	ND	2.04	102	2.00	4.31		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.4	2.00	3.73		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.23	104	6.00	2.89		
Total BTEx	<0.300	0.300	12/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	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	12/14/2024	ND	210	105	200	1.84	
DRO >C10-C28*	<10.0	10.0	12/14/2024	ND	212	106	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	12/14/2024	ND					

Surrogate: 1-Chlorooctane 78.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 123 8' (H247555-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	1.99	99.5	2.00	4.79		
Toluene*	<0.050	0.050	12/14/2024	ND	2.04	102	2.00	4.31		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.4	2.00	3.73		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.23	104	6.00	2.89		
Total BTEx	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	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	12/14/2024	ND	210	105	200	1.84	
DRO >C10-C28*	<10.0	10.0	12/14/2024	ND	212	106	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	12/14/2024	ND					

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 124 8' (H247555-34)

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	12/14/2024	ND	1.99	99.5	2.00	4.79		
Toluene*	<0.050	0.050	12/14/2024	ND	2.04	102	2.00	4.31		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.4	2.00	3.73		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.23	104	6.00	2.89		
Total BTEx	<0.300	0.300	12/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	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	12/14/2024	ND	210	105	200	1.84	
DRO >C10-C28*	<10.0	10.0	12/14/2024	ND	212	106	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	12/14/2024	ND					

Surrogate: 1-Chlorooctane 62.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 125 8' (H247555-35)

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	12/14/2024	ND	1.99	99.5	2.00	4.79		
Toluene*	<0.050	0.050	12/14/2024	ND	2.04	102	2.00	4.31		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.4	2.00	3.73		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.23	104	6.00	2.89		
Total BTEx	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	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	12/14/2024	ND	210	105	200	1.84	
DRO >C10-C28*	<10.0	10.0	12/14/2024	ND	212	106	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	12/14/2024	ND					

Surrogate: 1-Chlorooctane 71.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 126 8' (H247555-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	1.99	99.5	2.00	4.79		
Toluene*	<0.050	0.050	12/14/2024	ND	2.04	102	2.00	4.31		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.4	2.00	3.73		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.23	104	6.00	2.89		
Total BTEx	<0.300	0.300	12/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	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	12/14/2024	ND	210	105	200	1.84	
DRO >C10-C28*	<10.0	10.0	12/14/2024	ND	212	106	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	12/14/2024	ND					

Surrogate: 1-Chlorooctane 74.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 127 8' (H247555-37)

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	12/14/2024	ND	1.99	99.5	2.00	4.79		
Toluene*	<0.050	0.050	12/14/2024	ND	2.04	102	2.00	4.31		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.4	2.00	3.73		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.23	104	6.00	2.89		
Total BTEX	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	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	12/14/2024	ND	210	105	200	1.84	
DRO >C10-C28*	<10.0	10.0	12/14/2024	ND	212	106	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	12/14/2024	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 128 8' (H247555-38)

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	12/14/2024	ND	1.99	99.5	2.00	4.79		
Toluene*	<0.050	0.050	12/14/2024	ND	2.04	102	2.00	4.31		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.4	2.00	3.73		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.23	104	6.00	2.89		
Total BTEx	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	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	12/14/2024	ND	210	105	200	1.84	
DRO >C10-C28*	<10.0	10.0	12/14/2024	ND	212	106	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	12/14/2024	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 129 8' (H247555-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	1.99	99.5	2.00	4.79		
Toluene*	<0.050	0.050	12/14/2024	ND	2.04	102	2.00	4.31		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.4	2.00	3.73		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.23	104	6.00	2.89		
Total BTEX	<0.300	0.300	12/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	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	12/14/2024	ND	210	105	200	1.84	
DRO >C10-C28*	<10.0	10.0	12/14/2024	ND	212	106	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	12/14/2024	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 130 8' (H247555-40)

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	12/14/2024	ND	1.99	99.5	2.00	4.79		
Toluene*	<0.050	0.050	12/14/2024	ND	2.04	102	2.00	4.31		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.4	2.00	3.73		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.23	104	6.00	2.89		
Total BTEx	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	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	12/14/2024	ND	210	105	200	1.84	
DRO >C10-C28*	<10.0	10.0	12/14/2024	ND	212	106	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	12/14/2024	ND					

Surrogate: 1-Chlorooctane 73.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 131 8' (H247555-41)

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	12/14/2024	ND	1.99	99.5	2.00	4.79	
Toluene*	<0.050	0.050	12/14/2024	ND	2.04	102	2.00	4.31	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.4	2.00	3.73	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.23	104	6.00	2.89	
Total BTEX	<0.300	0.300	12/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/13/2024	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	12/14/2024	ND	210	105	200	1.84	
DRO >C10-C28*	<10.0	10.0	12/14/2024	ND	212	106	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	12/14/2024	ND					

Surrogate: 1-Chlorooctane 74.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 132 8' (H247555-42)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2024	ND	1.99	99.5	2.00	4.79	
Toluene*	<0.050	0.050	12/14/2024	ND	2.04	102	2.00	4.31	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.4	2.00	3.73	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.23	104	6.00	2.89	
Total BTEX	<0.300	0.300	12/14/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/13/2024	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	12/14/2024	ND	210	105	200	1.84	
DRO >C10-C28*	<10.0	10.0	12/14/2024	ND	212	106	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	12/14/2024	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 133 8' (H247555-43)

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	12/14/2024	ND	1.99	99.5	2.00	4.79	
Toluene*	<0.050	0.050	12/14/2024	ND	2.04	102	2.00	4.31	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.4	2.00	3.73	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.23	104	6.00	2.89	
Total BTEX	<0.300	0.300	12/14/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/13/2024	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	12/14/2024	ND	210	105	200	1.84	
DRO >C10-C28*	<10.0	10.0	12/14/2024	ND	212	106	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	12/14/2024	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 134 8' (H247555-44)

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	12/14/2024	ND	1.99	99.5	2.00	4.79		
Toluene*	<0.050	0.050	12/14/2024	ND	2.04	102	2.00	4.31		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.4	2.00	3.73		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.23	104	6.00	2.89		
Total BTEX	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	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	12/14/2024	ND	210	105	200	1.84	
DRO >C10-C28*	<10.0	10.0	12/14/2024	ND	212	106	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	12/14/2024	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 135 8' (H247555-45)

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	12/14/2024	ND	1.99	99.5	2.00	4.79		
Toluene*	<0.050	0.050	12/14/2024	ND	2.04	102	2.00	4.31		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.4	2.00	3.73		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.23	104	6.00	2.89		
Total BTEx	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	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	12/14/2024	ND	210	105	200	1.84	
DRO >C10-C28*	<10.0	10.0	12/14/2024	ND	212	106	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	12/14/2024	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 136 8' (H247555-46)

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	12/14/2024	ND	1.99	99.5	2.00	4.79		
Toluene*	<0.050	0.050	12/14/2024	ND	2.04	102	2.00	4.31		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.4	2.00	3.73		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.23	104	6.00	2.89		
Total BTEx	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	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	12/14/2024	ND	210	105	200	1.84	
DRO >C10-C28*	<10.0	10.0	12/14/2024	ND	212	106	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	12/14/2024	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 137 8' (H247555-47)

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	12/14/2024	ND	1.99	99.5	2.00	4.79	
Toluene*	<0.050	0.050	12/14/2024	ND	2.04	102	2.00	4.31	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.4	2.00	3.73	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.23	104	6.00	2.89	
Total BTEX	<0.300	0.300	12/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	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	12/14/2024	ND	210	105	200	1.84	
DRO >C10-C28*	<10.0	10.0	12/14/2024	ND	212	106	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	12/14/2024	ND					

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 138 8' (H247555-48)

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	12/14/2024	ND	1.99	99.5	2.00	4.79		
Toluene*	<0.050	0.050	12/14/2024	ND	2.04	102	2.00	4.31		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.4	2.00	3.73		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.23	104	6.00	2.89		
Total BTEx	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	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	12/14/2024	ND	210	105	200	1.84	
DRO >C10-C28*	<10.0	10.0	12/14/2024	ND	212	106	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	12/14/2024	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 139 8' (H247555-49)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2024	ND	1.99	99.5	2.00	4.79	
Toluene*	<0.050	0.050	12/14/2024	ND	2.04	102	2.00	4.31	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.4	2.00	3.73	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.23	104	6.00	2.89	
Total BTEX	<0.300	0.300	12/14/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/13/2024	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	12/14/2024	ND	210	105	200	1.84	
DRO >C10-C28*	<10.0	10.0	12/14/2024	ND	212	106	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	12/14/2024	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 140 8' (H247555-50)

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	12/14/2024	ND	1.99	99.5	2.00	4.79		
Toluene*	<0.050	0.050	12/14/2024	ND	2.04	102	2.00	4.31		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.4	2.00	3.73		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.23	104	6.00	2.89		
Total BTEx	<0.300	0.300	12/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	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	12/14/2024	ND	210	105	200	1.84	
DRO >C10-C28*	<10.0	10.0	12/14/2024	ND	212	106	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	12/14/2024	ND					

Surrogate: 1-Chlorooctane 67.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 141 8' (H247555-51)

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	12/14/2024	ND	1.84	92.2	2.00	3.15		
Toluene*	<0.050	0.050	12/14/2024	ND	1.85	92.6	2.00	2.91		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.86	92.8	2.00	2.80		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	5.58	93.0	6.00	2.76		
Total BTEX	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	210	105	200	1.50	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	205	103	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: FL 142 8' (H247555-52)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	1.84	92.2	2.00	3.15		
Toluene*	<0.050	0.050	12/14/2024	ND	1.85	92.6	2.00	2.91		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.86	92.8	2.00	2.80		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	5.58	93.0	6.00	2.76		
Total BTEx	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	210	105	200	1.50	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	205	103	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 1 0-8' (H247555-53)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	1.84	92.2	2.00	3.15		
Toluene*	<0.050	0.050	12/14/2024	ND	1.85	92.6	2.00	2.91		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.86	92.8	2.00	2.80		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	5.58	93.0	6.00	2.76		
Total BTEX	<0.300	0.300	12/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	210	105	200	1.50	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	205	103	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 2 0-8' (H247555-54)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	1.84	92.2	2.00	3.15		
Toluene*	<0.050	0.050	12/14/2024	ND	1.85	92.6	2.00	2.91		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.86	92.8	2.00	2.80		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	5.58	93.0	6.00	2.76		
Total BTEX	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	210	105	200	1.50	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	205	103	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 3 0-8' (H247555-55)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2024	ND	1.84	92.2	2.00	3.15	
Toluene*	<0.050	0.050	12/14/2024	ND	1.85	92.6	2.00	2.91	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.86	92.8	2.00	2.80	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	5.58	93.0	6.00	2.76	
Total BTEX	<0.300	0.300	12/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/13/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	210	105	200	1.50	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	205	103	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 4 0-8' (H247555-56)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	1.84	92.2	2.00	3.15		
Toluene*	<0.050	0.050	12/14/2024	ND	1.85	92.6	2.00	2.91		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.86	92.8	2.00	2.80		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	5.58	93.0	6.00	2.76		
Total BTEX	<0.300	0.300	12/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	210	105	200	1.50	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	205	103	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 5 0-8' (H247555-57)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2024	ND	1.84	92.2	2.00	3.15	
Toluene*	<0.050	0.050	12/14/2024	ND	1.85	92.6	2.00	2.91	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.86	92.8	2.00	2.80	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	5.58	93.0	6.00	2.76	
Total BTEX	<0.300	0.300	12/14/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/13/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	210	105	200	1.50	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	205	103	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 6 0-8' (H247555-58)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2024	ND	1.84	92.2	2.00	3.15	
Toluene*	<0.050	0.050	12/14/2024	ND	1.85	92.6	2.00	2.91	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.86	92.8	2.00	2.80	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	5.58	93.0	6.00	2.76	
Total BTEX	<0.300	0.300	12/14/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/13/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	210	105	200	1.50	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	205	103	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 7 0-8' (H247555-59)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	1.84	92.2	2.00	3.15		
Toluene*	<0.050	0.050	12/14/2024	ND	1.85	92.6	2.00	2.91		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.86	92.8	2.00	2.80		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	5.58	93.0	6.00	2.76		
Total BTX	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	210	105	200	1.50	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	205	103	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 8 0-8' (H247555-60)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	1.84	92.2	2.00	3.15		
Toluene*	<0.050	0.050	12/14/2024	ND	1.85	92.6	2.00	2.91		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.86	92.8	2.00	2.80		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	5.58	93.0	6.00	2.76		
Total BTEX	<0.300	0.300	12/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	210	105	200	1.50	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	205	103	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 9 0-8' (H247555-61)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	1.84	92.2	2.00	3.15		
Toluene*	<0.050	0.050	12/14/2024	ND	1.85	92.6	2.00	2.91		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.86	92.8	2.00	2.80		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	5.58	93.0	6.00	2.76		
Total BTEx	<0.300	0.300	12/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	210	105	200	1.50	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	205	103	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
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 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 10 0-8' (H247555-62)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	1.84	92.2	2.00	3.15		
Toluene*	<0.050	0.050	12/14/2024	ND	1.85	92.6	2.00	2.91		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.86	92.8	2.00	2.80		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	5.58	93.0	6.00	2.76		
Total BTX	<0.300	0.300	12/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 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	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	210	105	200	1.50	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	205	103	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

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 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 11 0-8' (H247555-63)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	1.84	92.2	2.00	3.15		
Toluene*	<0.050	0.050	12/14/2024	ND	1.85	92.6	2.00	2.91		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.86	92.8	2.00	2.80		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	5.58	93.0	6.00	2.76		
Total BTEx	<0.300	0.300	12/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	210	105	200	1.50	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	205	103	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 13 0-8' (H247555-65)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	1.84	92.2	2.00	3.15		
Toluene*	<0.050	0.050	12/14/2024	ND	1.85	92.6	2.00	2.91		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.86	92.8	2.00	2.80		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	5.58	93.0	6.00	2.76		
Total BTEX	<0.300	0.300	12/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	210	105	200	1.50	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	205	103	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 14 0-8' (H247555-66)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	1.84	92.2	2.00	3.15		
Toluene*	<0.050	0.050	12/14/2024	ND	1.85	92.6	2.00	2.91		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.86	92.8	2.00	2.80		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	5.58	93.0	6.00	2.76		
Total BTEX	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	210	105	200	1.50	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	205	103	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 15 0-8' (H247555-67)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	1.84	92.2	2.00	3.15		
Toluene*	<0.050	0.050	12/14/2024	ND	1.85	92.6	2.00	2.91		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.86	92.8	2.00	2.80		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	5.58	93.0	6.00	2.76		
Total BTEx	<0.300	0.300	12/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	210	105	200	1.50	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	205	103	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 16 0-8' (H247555-68)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2024	ND	1.84	92.2	2.00	3.15	
Toluene*	<0.050	0.050	12/14/2024	ND	1.85	92.6	2.00	2.91	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.86	92.8	2.00	2.80	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	5.58	93.0	6.00	2.76	
Total BTX	<0.300	0.300	12/14/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/13/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	210	105	200	1.50	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	205	103	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 17 0-8' (H247555-69)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	1.84	92.2	2.00	3.15		
Toluene*	<0.050	0.050	12/14/2024	ND	1.85	92.6	2.00	2.91		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.86	92.8	2.00	2.80		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	5.58	93.0	6.00	2.76		
Total BTX	<0.300	0.300	12/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	210	105	200	1.50	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	205	103	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 18 0-8' (H247555-70)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	1.84	92.2	2.00	3.15		
Toluene*	<0.050	0.050	12/14/2024	ND	1.85	92.6	2.00	2.91		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.86	92.8	2.00	2.80		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	5.58	93.0	6.00	2.76		
Total BTEx	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2024	ND	210	105	200	1.50	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	205	103	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 19 0-8' (H247555-71)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	2.12	106	2.00	0.108		
Toluene*	<0.050	0.050	12/14/2024	ND	2.03	102	2.00	0.174		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.02	101	2.00	0.671		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	0.776		
Total BTX	<0.300	0.300	12/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	12/13/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/14/2024	ND	210	105	200	1.50	
DRO >C10-C28*	<10.0	10.0	12/14/2024	ND	205	103	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	12/14/2024	ND					

Surrogate: 1-Chlorooctane 118 % 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:

Hungry Horse Environmental
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 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 20 0-8' (H247555-72)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	2.12	106	2.00	0.108		
Toluene*	<0.050	0.050	12/14/2024	ND	2.03	102	2.00	0.174		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.02	101	2.00	0.671		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	0.776		
Total BTEX	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2024	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	12/13/2024	ND	199	99.5	200	3.69	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	207	104	200	7.60	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 21 0-8' (H247555-73)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	2.12	106	2.00	0.108		
Toluene*	<0.050	0.050	12/14/2024	ND	2.03	102	2.00	0.174		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.02	101	2.00	0.671		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	0.776		
Total BTEx	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/16/2024	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	12/13/2024	ND	199	99.5	200	3.69	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	207	104	200	7.60	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 22 0-8' (H247555-74)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	2.12	106	2.00	0.108		
Toluene*	<0.050	0.050	12/14/2024	ND	2.03	102	2.00	0.174		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.02	101	2.00	0.671		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	0.776		
Total BTEx	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2024	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	12/13/2024	ND	199	99.5	200	3.69	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	207	104	200	7.60	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 23 0-8' (H247555-75)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2024	ND	2.12	106	2.00	0.108	
Toluene*	<0.050	0.050	12/14/2024	ND	2.03	102	2.00	0.174	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.02	101	2.00	0.671	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	0.776	
Total BTEX	<0.300	0.300	12/14/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2024	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	12/13/2024	ND	199	99.5	200	3.69		
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	207	104	200	7.60		
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 24 0-8' (H247555-76)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	2.12	106	2.00	0.108		
Toluene*	<0.050	0.050	12/14/2024	ND	2.03	102	2.00	0.174		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.02	101	2.00	0.671		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	0.776		
Total BTEX	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2024	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	12/13/2024	ND	199	99.5	200	3.69	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	207	104	200	7.60	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 25 0-8' (H247555-77)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	2.12	106	2.00	0.108		
Toluene*	<0.050	0.050	12/14/2024	ND	2.03	102	2.00	0.174		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.02	101	2.00	0.671		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	0.776		
Total BTEx	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/16/2024	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	12/13/2024	ND	199	99.5	200	3.69	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	207	104	200	7.60	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 26 0-8' (H247555-78)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	2.12	106	2.00	0.108		
Toluene*	<0.050	0.050	12/14/2024	ND	2.03	102	2.00	0.174		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.02	101	2.00	0.671		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	0.776		
Total BTEx	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2024	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	12/13/2024	ND	199	99.5	200	3.69	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	207	104	200	7.60	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 27 0-8' (H247555-79)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	2.12	106	2.00	0.108		
Toluene*	<0.050	0.050	12/14/2024	ND	2.03	102	2.00	0.174		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.02	101	2.00	0.671		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	0.776		
Total BTEX	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2024	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	12/13/2024	ND	199	99.5	200	3.69	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	207	104	200	7.60	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 28 0-8' (H247555-80)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	2.12	106	2.00	0.108		
Toluene*	<0.050	0.050	12/14/2024	ND	2.03	102	2.00	0.174		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.02	101	2.00	0.671		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	0.776		
Total BTEX	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2024	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	12/13/2024	ND	199	99.5	200	3.69	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	207	104	200	7.60	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
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 P.O. Box 1058
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 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 29 0-8' (H247555-81)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	2.12	106	2.00	0.108		
Toluene*	<0.050	0.050	12/14/2024	ND	2.03	102	2.00	0.174		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.02	101	2.00	0.671		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	0.776		
Total BTEX	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2024	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	12/13/2024	ND	199	99.5	200	3.69	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	207	104	200	7.60	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 30 0-8' (H247555-82)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	2.12	106	2.00	0.108		
Toluene*	<0.050	0.050	12/14/2024	ND	2.03	102	2.00	0.174		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.02	101	2.00	0.671		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	0.776		
Total BTEx	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2024	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	12/13/2024	ND	199	99.5	200	3.69	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	207	104	200	7.60	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 31 0-8' (H247555-83)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2024	ND	2.12	106	2.00	0.108	
Toluene*	<0.050	0.050	12/14/2024	ND	2.03	102	2.00	0.174	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.02	101	2.00	0.671	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	0.776	
Total BTEX	<0.300	0.300	12/14/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/16/2024	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	12/13/2024	ND	199	99.5	200	3.69	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	207	104	200	7.60	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 32 0-8' (H247555-84)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	2.12	106	2.00	0.108		
Toluene*	<0.050	0.050	12/14/2024	ND	2.03	102	2.00	0.174		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.02	101	2.00	0.671		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	0.776		
Total BTEX	<0.300	0.300	12/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2024	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	12/13/2024	ND	199	99.5	200	3.69	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	207	104	200	7.60	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 33 8-12' (H247555-85)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2024	ND	2.12	106	2.00	0.108	
Toluene*	<0.050	0.050	12/14/2024	ND	2.03	102	2.00	0.174	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.02	101	2.00	0.671	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	0.776	
Total BTEX	<0.300	0.300	12/14/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/16/2024	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	12/13/2024	ND	199	99.5	200	3.69	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	207	104	200	7.60	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 34 8-12' (H247555-86)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2024	ND	2.12	106	2.00	0.108	
Toluene*	<0.050	0.050	12/14/2024	ND	2.03	102	2.00	0.174	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.02	101	2.00	0.671	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	0.776	
Total BTEX	<0.300	0.300	12/14/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2024	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	12/13/2024	ND	199	99.5	200	3.69	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	207	104	200	7.60	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 105 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 35 8-12' (H247555-87)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2024	ND	2.12	106	2.00	0.108	
Toluene*	<0.050	0.050	12/14/2024	ND	2.03	102	2.00	0.174	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.02	101	2.00	0.671	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	0.776	
Total BTEX	<0.300	0.300	12/14/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/16/2024	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	12/13/2024	ND	199	99.5	200	3.69	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	207	104	200	7.60	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 36 8-12' (H247555-88)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2024	ND	2.12	106	2.00	0.108	
Toluene*	<0.050	0.050	12/14/2024	ND	2.03	102	2.00	0.174	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.02	101	2.00	0.671	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	0.776	
Total BTEX	<0.300	0.300	12/14/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/16/2024	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	12/13/2024	ND	199	99.5	200	3.69	
DRO >C10-C28*	<10.0	10.0	12/13/2024	ND	207	104	200	7.60	
EXT DRO >C28-C36	<10.0	10.0	12/13/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/13/2024
 Reported: 12/17/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

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

Sample ID: SW 12 0-8' (H247555-89)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2024	ND	2.12	106	2.00	0.108	
Toluene*	<0.050	0.050	12/14/2024	ND	2.03	102	2.00	0.174	
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	2.02	101	2.00	0.671	
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	0.776	
Total BTEX	<0.300	0.300	12/14/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/16/2024	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	12/14/2024	ND	199	99.5	200	3.69	
DRO >C10-C28*	<10.0	10.0	12/14/2024	ND	207	104	200	7.60	
EXT DRO >C28-C36	<10.0	10.0	12/14/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		BILL TO		ANALYSIS REQUEST										
Project Manager: Daniel Dominguez		P.O. #:												
Address: 4024 Plains Hwy		Company: Murchison Oil & Gas												
City: Lovington	State: NM	Zip: 88260	Attn: Greg Boans											
Phone #: 575 393-3386	Fax #:	Address: 5325 Sierra Vista												
Project #:	Project Owner: Murchison Oil & Gas	City: Carlsbad	State: NM	Zip: 88230										
Project Name: Ogden State #4		State: NM	Zip: 88230											
Project Location: ULP Sec 2 T25S - R26E		Phone #: 575 706-0667	Fax #:											
Sampler Name: Jerry, Hector, Shawn, Toby														
FOR LAB USE ONLY														
Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX					PRESERV.	SAMPLING			
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	
1	FL91	8'	C 1	X										
2	FL92	8'	C 1	X										
3	FL93	8'	C 1	X										
4	FL94	12'	C 1	X										
5	FL95	12'	C 1	X										
6	FL96	12'	C 1	X										
7	FL97	12'	C 1	X										
8	FL98	12'	C 1	X										
9	FL99	12'	C 1	X										
10	FL100	8'	C 1	X										
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Relinquished By: [Signature]		Date: 8/13/24	Received By: [Signature]											
Relinquished By: [Signature]		Date: 8/13/24	Received By: [Signature]											
Delivered By: (Circle One) 4.327C-0-0-0		Sample Condition		CHECKED BY: [Signature]										
Sampler - UPS - Bus - Other: 3.72 #140		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>												
		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>												
t Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476														



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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Relinquished By:	Date:	Received By:
<i>[Signature]</i>	12-13-24	<i>[Signature]</i>
Relinquished By:	Time:	
<i>[Signature]</i>	8:02	
	Date:	Received By:
		<i>[Signature]</i>
	Time:	
Delivered By: (Circle One)	Sample Condition	CHECKED BY:
Sampler - UPS - Bus - Other:	Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/>	(Initials)
431 C-0-0-0	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<i>[Signature]</i>
3-7-2 #140	Yes <input type="checkbox"/> No <input type="checkbox"/>	

* Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

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

REMARKS: **48 hr Rush!**

Email results to: pm@hungry-horse.com
gboans@jdmmi.com



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC				BILL TO				ANALYSIS REQUEST																																									
Project Manager: Daniel Dominguez				P.O. #:																																													
Address: 4024 Plains Hwy				Company: Murchison Oil & Gas																																													
City: Lovington		State: NM		Zip: 88260		Attn: Greg Boans																																											
Phone #: 575 393-3386		Fax #:		Address: 5325 Sierra Vista																																													
Project #:		Project Owner: Murchison Oil & Gas		City: Carlsbad																																													
Project Name: Ogden State #4		State: NM		Zip: 88230																																													
Project Location: U/L P Sec 2 T25S - R26E		Phone #: 575 706-0667																																															
Sampler Name: Jerry, Hector, Shawn, Toby		Fax #:																																															
FOR LAB USE ONLY																																																	
Lab I.D.		Sample I.D.		Depth		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		Chloride		TPH		BTEX 8021													
21		FL111		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1355		X		X		X													
22		FL112		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1356		X		X		X													
23		FL113		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1357		X		X		X													
24		FL114		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1358		X		X		X													
25		FL115		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1359		X		X		X													
26		FL116		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1400		X		X		X													
27		FL117		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1401		X		X		X													
28		FL118		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1402		X		X		X													
29		FL119		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1403		X		X		X													
30		FL120		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/12/24		1404		X		X		X													
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Relinquished By: [Signature]				Date: 12-13-24		Time: 0800		Received By: [Signature]		Date: 12-13-24		Time: 0800		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Checked By: [Signature]																																	
Reinquired By: [Signature]				Date: 12-13-24		Time: 0800		Received By: [Signature]		Date: 12-13-24		Time: 0800		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Checked By: [Signature]																																	
Delivered By: (Circle One) 4-3-2-0-0-0				Date: 12-13-24		Time: 0800		Received By: [Signature]		Date: 12-13-24		Time: 0800		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Checked By: [Signature]																																	
Sampler - UPS - Bus - Other: 3-7-2 #140				Date: 12-13-24		Time: 0800		Received By: [Signature]		Date: 12-13-24		Time: 0800		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Checked By: [Signature]																																	
+ Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476																																																	



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gboans@jdmii.com



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO										ANALYSIS REQUEST											
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas																							
Address: 4024 Plains Hwy		Attn: Greg Boans																							
City: Lovington	State: NM	Zip: 88260	Address: 5325 Sierra Vista																						
Phone #: 575 393-3386	Fax #:	City: Carlsbad																							
Project #:	Project Owner: Murchison Oil & Gas	State: NM		Zip: 88230																					
Project Name: Ogden State #4	State: NM		Zip: 88230																						
Project Location: U/P Sec 2 T25S - R26E	Phone #: 575 706-0667																								
Sampler Name: Jerry, Hector, Shawn, Toby	Fax #:																								
FOR LAB USE ONLY																									
Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	MATRIX						PRESERV.	SAMPLING														
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			ACID/BASE:	ICE / COOL	OTHER :											
FL141	8'	C 1	X	X	X	X	X	X	X	X	DATE	TIME	Chloride	TPH	BTEX 8021										
FL142	8'	C 1	X	X	X	X	X	X	X	X	12/12/24	1425	X	X	X										
SW1	0-8'	C 1	X	X	X	X	X	X	X	X	12/12/24	1426	X	X	X										
SW2	0-8'	C 1	X	X	X	X	X	X	X	X	12/12/24	1427	X	X	X										
SW3	0-8'	C 1	X	X	X	X	X	X	X	X	12/12/24	1428	X	X	X										
SW4	0-8'	C 1	X	X	X	X	X	X	X	X	12/12/24	1429	X	X	X										
SW5	0-8'	C 1	X	X	X	X	X	X	X	X	12/12/24	1430	X	X	X										
SW6	0-8'	C 1	X	X	X	X	X	X	X	X	12/12/24	1431	X	X	X										
SW7	0-8'	C 1	X	X	X	X	X	X	X	X	12/12/24	1432	X	X	X										
SW8	0-8'	C 1	X	X	X	X	X	X	X	X	12/12/24	1433	X	X	X										
SW8	0-8'	C 1	X	X	X	X	X	X	X	X	12/12/24	1434	X	X	X										

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Relinquished By: [Signature]	Date: 12/13/24	Received By: [Signature]	Time: 0802
Relinquished By: [Signature]	Date: [Blank]	Received By: [Signature]	Time: [Blank]

Delivered By: (Circle One) 43/C-ALO: 3-7: #140

Sampler - UPS - Bus - Other: [Blank]

Sample Condition: Cool ☒ Intact ☒ Yes ☐ No ☐ No

CHECKED BY: [Signature]

REMARKS: 48 hr Rush! Email results to: pm@hungry-horse.com gboans@jdmii.com

Phone Result: ☐ Yes ☐ No Add'l Phone #: [Blank]

Fax Result: ☐ Yes ☐ No Add'l Fax #: [Blank]



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO		ANALYSIS REQUEST										
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas														
Address: 4024 Plains Hwy		Attn: Greg Boans														
City: Lovington	State: NM	Zip: 88260	Address: 5325 Sierra Vista													
Phone #: 575 393-3386	Fax #:	City: Carlsbad														
Project #:	Project Owner: Murchison Oil & Gas	State: NM	Zip: 88230													
Project Name: Ogden State #4		Phone #: 575 706-0667														
Project Location: UL/ P Sec 2 T25S - R26E		Fax #:														
Sampler Name: Jerry, Hector, Shawn, Toby																
FOR LAB USE ONLY																
Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX					PRESERV.	SAMPLING					
					GROUNDWATER											
					WASTEWATER											
					SOIL											
					OIL											
					SLUDGE											
					OTHER :											
					ACID/BASE:											
					ICE / COOL											
					OTHER :											
						DATE	TIME	Chloride	TPH	BTEX 8021						
101	SW9	0-8'	C 1	X		12/12/24	1435	X	X	X						
102	SW10	0-8'	C 1	X		12/12/24	1436	X	X	X						
103	SW11	0-8'	C 1	X		12/12/24	1437	X	X	X						
104	SW12	0-8'	C 1	X		12/12/24	1438	X	X	X						
105	SW13	0-8'	C 1	X		12/12/24	1439	X	X	X						
106	SW14	0-8'	C 1	X		12/12/24	1440	X	X	X						
107	SW15	0-8'	C 1	X		12/12/24	1441	X	X	X						
108	SW16	0-8'	C 1	X		12/12/24	1442	X	X	X						
109	SW17	0-8'	C 1	X		12/12/24	1443	X	X	X						
110	SW18	0-8'	C 1	X		12/12/24	1444	X	X	X						

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Relinquished By: [Signature]	Date: 12/13/24	Received By: [Signature]	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #: 48 hr Rush!
Relinquished By: [Signature]	Date: 12/13/24	Received By: [Signature]	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:

Delivered By: (Circle One) 4-3:20 C.O.C. 3-7: #140

Sample Condition: ☒ Cool ☐ Intact

Sample - UPS - Bus - Other: 3-7: #140

Checked By: [Signature]

REMARKS: NO sample # 104. removed by customer. Speedriguey

Email results to: pm@hungry-horse.com

gboans@idmii.com

12-13-24



Page 98 of 99

Released to Imaging: 2/5/2025 11:36:25 AM



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

December 20, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: OGDEN STATE 4

Enclosed are the results of analyses for samples received by the laboratory on 12/18/24 14:44.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/18/2024	Sampling Date:	12/18/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 143 10' (H247643-01)

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	12/18/2024	ND	1.61	80.7	2.00	5.27	
Toluene*	<0.050	0.050	12/18/2024	ND	1.74	86.8	2.00	8.33	
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.84	91.9	2.00	10.6	
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.58	93.0	6.00	11.4	
Total BTEx	<0.300	0.300	12/18/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	224	112	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	208	104	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 144 10' (H247643-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2024	ND	1.61	80.7	2.00	5.27	
Toluene*	<0.050	0.050	12/18/2024	ND	1.74	86.8	2.00	8.33	
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.84	91.9	2.00	10.6	
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.58	93.0	6.00	11.4	
Total BTEX	<0.300	0.300	12/18/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	224	112	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	208	104	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 145 10' (H247643-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.61	80.7	2.00	5.27		
Toluene*	<0.050	0.050	12/18/2024	ND	1.74	86.8	2.00	8.33		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.84	91.9	2.00	10.6		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.58	93.0	6.00	11.4		
Total BTEX	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	224	112	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	208	104	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 146 10' (H247643-04)

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	12/18/2024	ND	1.61	80.7	2.00	5.27		
Toluene*	<0.050	0.050	12/18/2024	ND	1.74	86.8	2.00	8.33		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.84	91.9	2.00	10.6		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.58	93.0	6.00	11.4		
Total BTEX	<0.300	0.300	12/18/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	224	112	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	208	104	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 147 10' (H247643-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.61	80.7	2.00	5.27		
Toluene*	<0.050	0.050	12/18/2024	ND	1.74	86.8	2.00	8.33		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.84	91.9	2.00	10.6		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.58	93.0	6.00	11.4		
Total BTEX	<0.300	0.300	12/18/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	224	112	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	208	104	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 148 10' (H247643-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.61	80.7	2.00	5.27		
Toluene*	<0.050	0.050	12/18/2024	ND	1.74	86.8	2.00	8.33		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.84	91.9	2.00	10.6		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.58	93.0	6.00	11.4		
Total BTEX	<0.300	0.300	12/18/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	224	112	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	208	104	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 149 8' (H247643-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.61	80.7	2.00	5.27		
Toluene*	<0.050	0.050	12/18/2024	ND	1.74	86.8	2.00	8.33		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.84	91.9	2.00	10.6		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.58	93.0	6.00	11.4		
Total BTEX	<0.300	0.300	12/18/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	224	112	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	208	104	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 150 8' (H247643-08)

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	12/18/2024	ND	1.61	80.7	2.00	5.27		
Toluene*	<0.050	0.050	12/18/2024	ND	1.74	86.8	2.00	8.33		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.84	91.9	2.00	10.6		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.58	93.0	6.00	11.4		
Total BTEX	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	224	112	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	208	104	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 117 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 151 8' (H247643-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.61	80.7	2.00	5.27		
Toluene*	<0.050	0.050	12/18/2024	ND	1.74	86.8	2.00	8.33		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.84	91.9	2.00	10.6		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.58	93.0	6.00	11.4		
Total BTEX	<0.300	0.300	12/18/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	224	112	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	208	104	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 152 8' (H247643-10)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2024	ND	1.61	80.7	2.00	5.27	
Toluene*	<0.050	0.050	12/18/2024	ND	1.74	86.8	2.00	8.33	
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.84	91.9	2.00	10.6	
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.58	93.0	6.00	11.4	
Total BTEX	<0.300	0.300	12/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/19/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	224	112	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	208	104	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 153 8' (H247643-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.61	80.7	2.00	5.27		
Toluene*	<0.050	0.050	12/18/2024	ND	1.74	86.8	2.00	8.33		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.84	91.9	2.00	10.6		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.58	93.0	6.00	11.4		
Total BTEx	<0.300	0.300	12/18/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	224	112	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	208	104	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 154 8' (H247643-12)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.61	80.7	2.00	5.27		
Toluene*	<0.050	0.050	12/18/2024	ND	1.74	86.8	2.00	8.33		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.84	91.9	2.00	10.6		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.58	93.0	6.00	11.4		
Total BTEX	<0.300	0.300	12/18/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	224	112	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	208	104	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 155 8' (H247643-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.61	80.7	2.00	5.27		
Toluene*	<0.050	0.050	12/18/2024	ND	1.74	86.8	2.00	8.33		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.84	91.9	2.00	10.6		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.58	93.0	6.00	11.4		
Total BTEx	<0.300	0.300	12/18/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	224	112	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	208	104	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.8 % 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:

Hungry Horse Environmental
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Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 156 8' (H247643-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.61	80.7	2.00	5.27		
Toluene*	<0.050	0.050	12/18/2024	ND	1.74	86.8	2.00	8.33		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.84	91.9	2.00	10.6		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.58	93.0	6.00	11.4		
Total BTEX	<0.300	0.300	12/18/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	224	112	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	208	104	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
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 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 157 8' (H247643-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.61	80.7	2.00	5.27		
Toluene*	<0.050	0.050	12/18/2024	ND	1.74	86.8	2.00	8.33		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.84	91.9	2.00	10.6		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.58	93.0	6.00	11.4		
Total BTEX	<0.300	0.300	12/18/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	224	112	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	208	104	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 158 8' (H247643-16)

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	12/18/2024	ND	1.61	80.7	2.00	5.27		
Toluene*	<0.050	0.050	12/18/2024	ND	1.74	86.8	2.00	8.33		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.84	91.9	2.00	10.6		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.58	93.0	6.00	11.4		
Total BTEx	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	12/19/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	224	112	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	208	104	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 159 8' (H247643-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.61	80.7	2.00	5.27		
Toluene*	<0.050	0.050	12/18/2024	ND	1.74	86.8	2.00	8.33		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.84	91.9	2.00	10.6		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.58	93.0	6.00	11.4		
Total BTEX	<0.300	0.300	12/18/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	224	112	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	208	104	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
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 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 160 8' (H247643-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.61	80.7	2.00	5.27		
Toluene*	<0.050	0.050	12/18/2024	ND	1.74	86.8	2.00	8.33		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.84	91.9	2.00	10.6		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.58	93.0	6.00	11.4		
Total BTEX	<0.300	0.300	12/18/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/19/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	224	112	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	208	104	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
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 P.O. Box 1058
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 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 161 8' (H247643-19)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2024	ND	1.61	80.7	2.00	5.27	
Toluene*	<0.050	0.050	12/18/2024	ND	1.74	86.8	2.00	8.33	
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.84	91.9	2.00	10.6	
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.58	93.0	6.00	11.4	
Total BTEX	<0.300	0.300	12/18/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	224	112	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	208	104	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 162 8' (H247643-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.61	80.7	2.00	5.27		
Toluene*	<0.050	0.050	12/18/2024	ND	1.74	86.8	2.00	8.33		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.84	91.9	2.00	10.6		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.58	93.0	6.00	11.4		
Total BTEX	<0.300	0.300	12/18/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/19/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	224	112	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	208	104	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 163 8' (H247643-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	2.00	99.8	2.00	1.09		
Toluene*	<0.050	0.050	12/18/2024	ND	2.01	100	2.00	0.475		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.2	2.00	0.503		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	6.21	103	6.00	0.588		
Total BTEX	<0.300	0.300	12/18/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/19/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	196	98.1	200	1.24	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	96.2	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.1 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 164 8' (H247643-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	2.00	99.8	2.00	1.09		
Toluene*	<0.050	0.050	12/18/2024	ND	2.01	100	2.00	0.475		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.2	2.00	0.503		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	6.21	103	6.00	0.588		
Total BTEX	<0.300	0.300	12/18/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/19/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	196	98.1	200	1.24	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	96.2	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 165 8' (H247643-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	2.00	99.8	2.00	1.09		
Toluene*	<0.050	0.050	12/18/2024	ND	2.01	100	2.00	0.475		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.2	2.00	0.503		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	6.21	103	6.00	0.588		
Total BTEx	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	12/19/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	196	98.1	200	1.24	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	96.2	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 166 8' (H247643-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	2.00	99.8	2.00	1.09		
Toluene*	<0.050	0.050	12/18/2024	ND	2.01	100	2.00	0.475		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.2	2.00	0.503		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	6.21	103	6.00	0.588		
Total BTEX	<0.300	0.300	12/18/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/19/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	196	98.1	200	1.24	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	96.2	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 167 8' (H247643-25)

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	12/18/2024	ND	2.00	99.8	2.00	1.09		
Toluene*	<0.050	0.050	12/18/2024	ND	2.01	100	2.00	0.475		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.2	2.00	0.503		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	6.21	103	6.00	0.588		
Total BTEx	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	12/19/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	196	98.1	200	1.24	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	96.2	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 168 8' (H247643-26)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2024	ND	2.00	99.8	2.00	1.09	
Toluene*	<0.050	0.050	12/18/2024	ND	2.01	100	2.00	0.475	
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.2	2.00	0.503	
Total Xylenes*	<0.150	0.150	12/18/2024	ND	6.21	103	6.00	0.588	
Total BTX	<0.300	0.300	12/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	12/19/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	196	98.1	200	1.24	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	96.2	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 169 8' (H247643-27)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	2.00	99.8	2.00	1.09		
Toluene*	<0.050	0.050	12/18/2024	ND	2.01	100	2.00	0.475		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.2	2.00	0.503		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	6.21	103	6.00	0.588		
Total BTX	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	12/19/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	196	98.1	200	1.24	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	96.2	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 170 8' (H247643-28)

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	12/18/2024	ND	2.00	99.8	2.00	1.09		
Toluene*	<0.050	0.050	12/18/2024	ND	2.01	100	2.00	0.475		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.2	2.00	0.503		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	6.21	103	6.00	0.588		
Total BTEX	<0.300	0.300	12/18/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	196	98.1	200	1.24	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	96.2	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 171 8' (H247643-29)

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	12/18/2024	ND	2.00	99.8	2.00	1.09		
Toluene*	<0.050	0.050	12/18/2024	ND	2.01	100	2.00	0.475		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.2	2.00	0.503		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	6.21	103	6.00	0.588		
Total BTEx	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	12/19/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	196	98.1	200	1.24	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	96.2	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 172 8' (H247643-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	2.00	99.8	2.00	1.09		
Toluene*	<0.050	0.050	12/18/2024	ND	2.01	100	2.00	0.475		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.2	2.00	0.503		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	6.21	103	6.00	0.588		
Total BTEX	<0.300	0.300	12/18/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	196	98.1	200	1.24	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	96.2	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 173 8' (H247643-31)

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	12/18/2024	ND	2.00	99.8	2.00	1.09		
Toluene*	<0.050	0.050	12/18/2024	ND	2.01	100	2.00	0.475		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.2	2.00	0.503		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	6.21	103	6.00	0.588		
Total BTEx	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	12/19/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	196	98.1	200	1.24	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	96.2	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 174 8' (H247643-32)

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	12/18/2024	ND	2.00	99.8	2.00	1.09		
Toluene*	<0.050	0.050	12/18/2024	ND	2.01	100	2.00	0.475		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.2	2.00	0.503		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	6.21	103	6.00	0.588		
Total BTEx	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	12/19/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	196	98.1	200	1.24	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	96.2	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 175 8' (H247643-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	2.00	99.8	2.00	1.09		
Toluene*	<0.050	0.050	12/18/2024	ND	2.01	100	2.00	0.475		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.2	2.00	0.503		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	6.21	103	6.00	0.588		
Total BTEX	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/19/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	196	98.1	200	1.24	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	96.2	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 176 8' (H247643-34)

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	12/18/2024	ND	2.00	99.8	2.00	1.09		
Toluene*	<0.050	0.050	12/18/2024	ND	2.01	100	2.00	0.475		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.2	2.00	0.503		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	6.21	103	6.00	0.588		
Total BTEx	<0.300	0.300	12/18/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	196	98.1	200	1.24	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	96.2	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 80.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 177 8' (H247643-35)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	2.00	99.8	2.00	1.09		
Toluene*	<0.050	0.050	12/18/2024	ND	2.01	100	2.00	0.475		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.2	2.00	0.503		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	6.21	103	6.00	0.588		
Total BTX	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	196	98.1	200	1.24	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	96.2	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 178 8' (H247643-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	2.00	99.8	2.00	1.09		
Toluene*	<0.050	0.050	12/18/2024	ND	2.01	100	2.00	0.475		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.2	2.00	0.503		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	6.21	103	6.00	0.588		
Total BTEx	<0.300	0.300	12/18/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	196	98.1	200	1.24	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	96.2	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 179 8' (H247643-37)

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	12/18/2024	ND	2.00	99.8	2.00	1.09		
Toluene*	<0.050	0.050	12/18/2024	ND	2.01	100	2.00	0.475		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.2	2.00	0.503		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	6.21	103	6.00	0.588		
Total BTEx	<0.300	0.300	12/18/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	196	98.1	200	1.24	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	96.2	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 180 8' (H247643-38)

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	12/18/2024	ND	2.00	99.8	2.00	1.09		
Toluene*	<0.050	0.050	12/18/2024	ND	2.01	100	2.00	0.475		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.2	2.00	0.503		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	6.21	103	6.00	0.588		
Total BTEX	<0.300	0.300	12/18/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	196	98.1	200	1.24	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	96.2	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 181 8' (H247643-39)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	2.00	99.8	2.00	1.09	
Toluene*	<0.050	0.050	12/19/2024	ND	2.01	100	2.00	0.475	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.92	96.2	2.00	0.503	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.21	103	6.00	0.588	
Total BTEX	<0.300	0.300	12/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	196	98.1	200	1.24	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	96.2	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 182 8' (H247643-40)

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	12/19/2024	ND	2.00	99.8	2.00	1.09	
Toluene*	<0.050	0.050	12/19/2024	ND	2.01	100	2.00	0.475	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.92	96.2	2.00	0.503	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.21	103	6.00	0.588	
Total BTEX	<0.300	0.300	12/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	196	98.1	200	1.24	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	96.2	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 183 8' (H247643-41)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.57	78.5	2.00	3.34		
Toluene*	<0.050	0.050	12/18/2024	ND	1.59	79.4	2.00	3.65		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.60	79.8	2.00	3.60		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	4.79	79.8	6.00	3.84		
Total BTX	<0.300	0.300	12/18/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	186	92.8	200	1.17	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	190	94.8	200	0.730	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 184 8' (H247643-42)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.57	78.5	2.00	3.34		
Toluene*	<0.050	0.050	12/18/2024	ND	1.59	79.4	2.00	3.65		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.60	79.8	2.00	3.60		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	4.79	79.8	6.00	3.84		
Total BTEX	<0.300	0.300	12/18/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	186	92.8	200	1.17	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	190	94.8	200	0.730	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 185 8' (H247643-43)

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	12/18/2024	ND	1.57	78.5	2.00	3.34		
Toluene*	<0.050	0.050	12/18/2024	ND	1.59	79.4	2.00	3.65		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.60	79.8	2.00	3.60		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	4.79	79.8	6.00	3.84		
Total BTEx	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	186	92.8	200	1.17	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	190	94.8	200	0.730	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 186 8' (H247643-44)

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	12/18/2024	ND	1.57	78.5	2.00	3.34		
Toluene*	<0.050	0.050	12/18/2024	ND	1.59	79.4	2.00	3.65		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.60	79.8	2.00	3.60		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	4.79	79.8	6.00	3.84		
Total BTEx	<0.300	0.300	12/18/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	186	92.8	200	1.17	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	190	94.8	200	0.730	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 187 8' (H247643-45)

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	12/18/2024	ND	1.57	78.5	2.00	3.34		
Toluene*	<0.050	0.050	12/18/2024	ND	1.59	79.4	2.00	3.65		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.60	79.8	2.00	3.60		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	4.79	79.8	6.00	3.84		
Total BTEx	<0.300	0.300	12/18/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	186	92.8	200	1.17	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	190	94.8	200	0.730	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 188 8' (H247643-46)

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	12/19/2024	ND	1.57	78.5	2.00	3.34		
Toluene*	<0.050	0.050	12/19/2024	ND	1.59	79.4	2.00	3.65		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.60	79.8	2.00	3.60		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	4.79	79.8	6.00	3.84		
Total BTEX	<0.300	0.300	12/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	186	92.8	200	1.17	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	190	94.8	200	0.730	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 189 8' (H247643-47)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.57	78.5	2.00	3.34		
Toluene*	<0.050	0.050	12/19/2024	ND	1.59	79.4	2.00	3.65		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.60	79.8	2.00	3.60		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	4.79	79.8	6.00	3.84		
Total BTX	<0.300	0.300	12/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/19/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	186	92.8	200	1.17	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	190	94.8	200	0.730	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 190 8' (H247643-48)

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	12/19/2024	ND	1.57	78.5	2.00	3.34		
Toluene*	<0.050	0.050	12/19/2024	ND	1.59	79.4	2.00	3.65		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.60	79.8	2.00	3.60		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	4.79	79.8	6.00	3.84		
Total BTEx	<0.300	0.300	12/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	186	92.8	200	1.17	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	190	94.8	200	0.730	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 191 8' (H247643-49)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.57	78.5	2.00	3.34		
Toluene*	<0.050	0.050	12/19/2024	ND	1.59	79.4	2.00	3.65		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.60	79.8	2.00	3.60		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	4.79	79.8	6.00	3.84		
Total BTEx	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	186	92.8	200	1.17	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	190	94.8	200	0.730	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 192 8' (H247643-50)

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	12/19/2024	ND	1.57	78.5	2.00	3.34		
Toluene*	<0.050	0.050	12/19/2024	ND	1.59	79.4	2.00	3.65		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.60	79.8	2.00	3.60		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	4.79	79.8	6.00	3.84		
Total BTEx	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	186	92.8	200	1.17	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	190	94.8	200	0.730	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 193 8' (H247643-51)

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	12/19/2024	ND	1.57	78.5	2.00	3.34		
Toluene*	<0.050	0.050	12/19/2024	ND	1.59	79.4	2.00	3.65		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.60	79.8	2.00	3.60		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	4.79	79.8	6.00	3.84		
Total BTEx	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	186	92.8	200	1.17	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	190	94.8	200	0.730	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 194 8' (H247643-52)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.57	78.5	2.00	3.34		
Toluene*	<0.050	0.050	12/19/2024	ND	1.59	79.4	2.00	3.65		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.60	79.8	2.00	3.60		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	4.79	79.8	6.00	3.84		
Total BTEX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	186	92.8	200	1.17	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	190	94.8	200	0.730	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 195 8' (H247643-53)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.57	78.5	2.00	3.34		
Toluene*	<0.050	0.050	12/19/2024	ND	1.59	79.4	2.00	3.65		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.60	79.8	2.00	3.60		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	4.79	79.8	6.00	3.84		
Total BTEx	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	186	92.8	200	1.17	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	190	94.8	200	0.730	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 141 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 196 8' (H247643-54)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	1.57	78.5	2.00	3.34	
Toluene*	<0.050	0.050	12/19/2024	ND	1.59	79.4	2.00	3.65	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.60	79.8	2.00	3.60	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	4.79	79.8	6.00	3.84	
Total BTX	<0.300	0.300	12/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	186	92.8	200	1.17	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	190	94.8	200	0.730	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 197 8' (H247643-55)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.57	78.5	2.00	3.34		
Toluene*	<0.050	0.050	12/19/2024	ND	1.59	79.4	2.00	3.65		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.60	79.8	2.00	3.60		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	4.79	79.8	6.00	3.84		
Total BTEx	<0.300	0.300	12/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	12/19/2024	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	186	92.8	200	1.17	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	190	94.8	200	0.730	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 198 8' (H247643-56)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	1.57	78.5	2.00	3.34	
Toluene*	<0.050	0.050	12/19/2024	ND	1.59	79.4	2.00	3.65	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.60	79.8	2.00	3.60	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	4.79	79.8	6.00	3.84	
Total BTX	<0.300	0.300	12/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	12/19/2024	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	186	92.8	200	1.17	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	190	94.8	200	0.730	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 199 8' (H247643-57)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.57	78.5	2.00	3.34		
Toluene*	<0.050	0.050	12/19/2024	ND	1.59	79.4	2.00	3.65		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.60	79.8	2.00	3.60		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	4.79	79.8	6.00	3.84		
Total BTX	<0.300	0.300	12/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	12/19/2024	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	186	92.8	200	1.17	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	190	94.8	200	0.730	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 200 8' (H247643-58)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.57	78.5	2.00	3.34		
Toluene*	<0.050	0.050	12/19/2024	ND	1.59	79.4	2.00	3.65		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.60	79.8	2.00	3.60		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	4.79	79.8	6.00	3.84		
Total BTEX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	186	92.8	200	1.17	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	190	94.8	200	0.730	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 120 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 201 8' (H247643-59)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	1.57	78.5	2.00	3.34	
Toluene*	<0.050	0.050	12/19/2024	ND	1.59	79.4	2.00	3.65	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.60	79.8	2.00	3.60	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	4.79	79.8	6.00	3.84	
Total BTEX	<0.300	0.300	12/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/19/2024	ND	464	116	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	186	92.8	200	1.17	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	190	94.8	200	0.730	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 202 8' (H247643-60)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.57	78.5	2.00	3.34		
Toluene*	<0.050	0.050	12/19/2024	ND	1.59	79.4	2.00	3.65		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.60	79.8	2.00	3.60		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	4.79	79.8	6.00	3.84		
Total BTEX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	186	92.8	200	1.17	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	190	94.8	200	0.730	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 203 8' (H247643-61)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	1.81	90.6	2.00	2.44	QM-07
Toluene*	<0.050	0.050	12/19/2024	ND	1.93	96.4	2.00	0.380	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.01	100	2.00	2.57	QM-07
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.06	101	6.00	3.34	QM-07
Total BTEx	<0.300	0.300	12/19/2024	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	32.0	16.0	12/19/2024	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	207	103	200	2.37	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	192	95.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 204 8' (H247643-62)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.81	90.6	2.00	2.44		
Toluene*	<0.050	0.050	12/19/2024	ND	1.93	96.4	2.00	0.380		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.01	100	2.00	2.57		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.06	101	6.00	3.34		
Total BTEX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	207	103	200	2.37	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	95.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 64.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 51.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 205 8' (H247643-63)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.81	90.6	2.00	2.44		
Toluene*	<0.050	0.050	12/19/2024	ND	1.93	96.4	2.00	0.380		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.01	100	2.00	2.57		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.06	101	6.00	3.34		
Total BTEx	<0.300	0.300	12/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	12/19/2024	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	207	103	200	2.37	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	95.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 206 8' (H247643-64)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.81	90.6	2.00	2.44		
Toluene*	<0.050	0.050	12/19/2024	ND	1.93	96.4	2.00	0.380		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.01	100	2.00	2.57		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.06	101	6.00	3.34		
Total BTEX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	207	103	200	2.37	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	95.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 207 8' (H247643-65)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.81	90.6	2.00	2.44		
Toluene*	<0.050	0.050	12/19/2024	ND	1.93	96.4	2.00	0.380		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.01	100	2.00	2.57		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.06	101	6.00	3.34		
Total BTEx	<0.300	0.300	12/19/2024	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	12/19/2024	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	207	103	200	2.37	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	95.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 76.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 208 8' (H247643-66)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	1.81	90.6	2.00	2.44	
Toluene*	<0.050	0.050	12/19/2024	ND	1.93	96.4	2.00	0.380	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.01	100	2.00	2.57	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.06	101	6.00	3.34	
Total BTEx	<0.300	0.300	12/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	12/19/2024	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	207	103	200	2.37	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	95.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 209 5.5' (H247643-67)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.81	90.6	2.00	2.44		
Toluene*	<0.050	0.050	12/19/2024	ND	1.93	96.4	2.00	0.380		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.01	100	2.00	2.57		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.06	101	6.00	3.34		
Total BTEx	<0.300	0.300	12/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	12/19/2024	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	207	103	200	2.37	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	95.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 210 5.5' (H247643-68)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.81	90.6	2.00	2.44		
Toluene*	<0.050	0.050	12/19/2024	ND	1.93	96.4	2.00	0.380		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.01	100	2.00	2.57		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.06	101	6.00	3.34		
Total BTEx	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	207	103	200	2.37	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	95.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 211 5.5' (H247643-69)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.81	90.6	2.00	2.44		
Toluene*	<0.050	0.050	12/19/2024	ND	1.93	96.4	2.00	0.380		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.01	100	2.00	2.57		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.06	101	6.00	3.34		
Total BTEx	<0.300	0.300	12/19/2024	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	32.0	16.0	12/19/2024	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	207	103	200	2.37	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	95.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 212 5.5' (H247643-70)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.81	90.6	2.00	2.44		
Toluene*	<0.050	0.050	12/19/2024	ND	1.93	96.4	2.00	0.380		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.01	100	2.00	2.57		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.06	101	6.00	3.34		
Total BTX	<0.300	0.300	12/19/2024	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	12/19/2024	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	207	103	200	2.37	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	95.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 213 5.5' (H247643-71)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.81	90.6	2.00	2.44		
Toluene*	<0.050	0.050	12/19/2024	ND	1.93	96.4	2.00	0.380		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.01	100	2.00	2.57		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.06	101	6.00	3.34		
Total BTEX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	207	103	200	2.37	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	95.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 62.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 214 5.5' (H247643-72)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	1.81	90.6	2.00	2.44	
Toluene*	<0.050	0.050	12/19/2024	ND	1.93	96.4	2.00	0.380	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.01	100	2.00	2.57	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.06	101	6.00	3.34	
Total BTX	<0.300	0.300	12/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	12/19/2024	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	207	103	200	2.37	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	95.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 215 5.5' (H247643-73)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.81	90.6	2.00	2.44		
Toluene*	<0.050	0.050	12/19/2024	ND	1.93	96.4	2.00	0.380		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.01	100	2.00	2.57		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.06	101	6.00	3.34		
Total BTEX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	207	103	200	2.37	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	95.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 69.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 216 5.5' (H247643-74)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.81	90.6	2.00	2.44		
Toluene*	<0.050	0.050	12/19/2024	ND	1.93	96.4	2.00	0.380		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.01	100	2.00	2.57		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.06	101	6.00	3.34		
Total BTX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	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	12/18/2024	ND	207	103	200	2.37	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	95.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 217 5.5' (H247643-75)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.81	90.6	2.00	2.44		
Toluene*	<0.050	0.050	12/19/2024	ND	1.93	96.4	2.00	0.380		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.01	100	2.00	2.57		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.06	101	6.00	3.34		
Total BTEx	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	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	12/18/2024	ND	207	103	200	2.37	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	95.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 218 5.5' (H247643-76)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.81	90.6	2.00	2.44		
Toluene*	<0.050	0.050	12/19/2024	ND	1.93	96.4	2.00	0.380		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.01	100	2.00	2.57		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.06	101	6.00	3.34		
Total BTEx	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	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	12/18/2024	ND	207	103	200	2.37	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	95.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 219 5.5' (H247643-77)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.81	90.6	2.00	2.44		
Toluene*	<0.050	0.050	12/19/2024	ND	1.93	96.4	2.00	0.380		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.01	100	2.00	2.57		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.06	101	6.00	3.34		
Total BTEx	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	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	12/18/2024	ND	207	103	200	2.37	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	192	95.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 220 5.5' (H247643-78)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.81	90.6	2.00	2.44		
Toluene*	<0.050	0.050	12/19/2024	ND	1.93	96.4	2.00	0.380		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.01	100	2.00	2.57		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.06	101	6.00	3.34		
Total BTEX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	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	12/19/2024	ND	207	103	200	2.37	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	192	95.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 221 5.5' (H247643-79)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	1.81	90.6	2.00	2.44	
Toluene*	<0.050	0.050	12/19/2024	ND	1.93	96.4	2.00	0.380	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.01	100	2.00	2.57	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.06	101	6.00	3.34	
Total BTEX	<0.300	0.300	12/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	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	12/19/2024	ND	207	103	200	2.37	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	192	95.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 222 5.5' (H247643-80)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.81	90.6	2.00	2.44		
Toluene*	<0.050	0.050	12/19/2024	ND	1.93	96.4	2.00	0.380		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.01	100	2.00	2.57		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.06	101	6.00	3.34		
Total BTX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	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	12/19/2024	ND	207	103	200	2.37	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	192	95.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

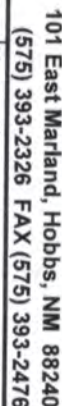
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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



ANALYSIS REQUEST

[illegible]

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

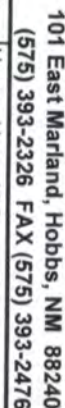
Email results to: pm@hungry-horse.com
gboans@jdmii.com



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC										BILL TO										ANALYSIS REQUEST									
Project Manager: Daniel Dominguez										P.O. #:																			
Address: 4024 Plains Hwy										Company: Murchison Oil & Gas																			
City: Lovington					State: NM					Zip: 88260					Attn: Greg Boans														
Phone #: 575 393-3386					Fax #:					Address: 5325 Sierra Vista																			
Project #:					Project Owner: Murchison Oil & Gas					City: Carlsbad																			
Project Name: Ogden State #4					State: NM					Zip: 88230																			
Project Location: U/L P Sec 2 T25S - R26E					Phone #: 575 706-0667																								
Sampler Name: Jerry, Hector, Shane, Toby					Fax #:																								
FOR LAB USE ONLY										PRESERV.										SAMPLING									
Lab I.D.										Sample I.D.										Depth									
H247643										(G)RAB OR (C)OMP.										# CONTAINERS									
										GROUNDWATER																			
										WASTEWATER																			
										SOIL																			
										OIL																			
										SLUDGE																			
										OTHER :																			
										ACID/BASE :																			
										ICE / COOL																			
										OTHER :																			
										DATE										TIME									
11										FL153										8'									
										C 1										X									
										12/18/24										915									
12										FL154										8'									
										C 1										X									
										12/18/24										916									
13										FL155										8'									
										C 1										X									
										12/18/24										917									
14										FL156										8'									
										C 1										X									
										12/18/24										918									
15										FL157										8'									
										C 1										X									
										12/18/24										919									
16										FL158										8'									
										C 1										X									
										12/18/24										920									
17										FL159										8'									
										C 1										X									
										12/18/24										921									
18										FL160										8'									
										C 1										X									
										12/18/24										922									
19										FL161										8'									
										C 1										X									
										12/18/24										923									
20										FL162										8'									
										C 1										X									
										12/18/24										924									
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Relinquished By: [Signature]										Date: 12-18-24										Received By: [Signature]									
Relinquished By: [Signature]										Time: 4:44										Received By: [Signature]									
Date: [Signature]										Time: [Signature]										Received By: [Signature]									
Delivered By: (Circle One) [Signature]										Sample Condition										CHECKED BY: [Signature]									
Sampler - UPS - Bus - Other: 420/3.40										Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>										(Initials)									
										<input type="checkbox"/> Yes <input type="checkbox"/> No										<input type="checkbox"/> Yes <input type="checkbox"/> No									
Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476																													



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC										BILL TO										ANALYSIS REQUEST									
Project Manager: Daniel Dominguez										P.O. #:																			
Address: 4024 Plains Hwy										Company: Murchison Oil & Gas																			
City: Lovington										Attn: Greg Boans																			
Phone #: 575 393-3386										Address: 5325 Sierra Vista																			
Fax #:										City: Carlsbad																			
Project #:										State: NM Zip: 88230																			
Project Location: U/L P Sec 2 T25S - R28E										Phone #: 575 706-0667																			
Sampler Name: Jerry, Hector, Shane, Toby										Fax #:																			
FOR LAB USE ONLY										PRESERV.										SAMPLING									
Lab I.D.										Matrix																			
Sample I.D.										Depth																			
H24 7L43										(G)RAB OR (C)OMP.																			
31 FL173										8'										DATE									
32 FL174										8'										TIME									
33 FL175										8'																			
34 FL176										8'																			
35 FL177										8'																			
36 FL178										8'																			
37 FL179										8'																			
38 FL180										8'																			
39 FL181										8'																			
40 FL182										8'																			
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Relinquished By:										Date: 12/18/24																			
Relinquished By:										Time: 1444																			
Received By:										Date:																			
Received By:										Time:																			
Delivered By: (Circle One)										Sample Condition										CHECKED BY: (Initials)									
Sampler - UPS - Bus - Other:										Cool Intact																			
584.2/3.02										Yes No																			
Cardinal cannot accept verbal changes. Please fax written changes to 575.393.3476																													



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO										ANALYSIS REQUEST															
Project Manager: Daniel Dominguez				Company: Murchison Oil & Gas																									
Address: 4024 Plains Hwy				Attn: Greg Boans																									
City: Lovington	State: NM	Zip: 88260	Address: 5325 Sierra Vista																										
Phone #: 575 393-3386	Fax #:	City: Carlsbad																											
Project #:	Project Owner: Murchison Oil & Gas		State: NM		Zip: 88230																								
Project Name: Ogden State #4		Phone #: 575 706-0667																											
Project Location: U/L P Sec 2 T25S - R26E		Fax #:																											
Sampler Name: Jerry, Hector, Shane, Toby																													
FOR LAB USE ONLY																													
Lab I.D. H247143	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING																			
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH	BTEX 8021											
	51 FL193	8'	C	1											12/18/24	955	X	X	X										
	52 FL194	8'	C	1											12/18/24	956	X	X	X										
	53 FL195	8'	C	1											12/18/24	957	X	X	X										
	54 FL196	8'	C	1											12/18/24	958	X	X	X										
	55 FL197	8'	C	1											12/18/24	959	X	X	X										
	56 FL198	8'	C	1											12/18/24	1000	X	X	X										
	57 FL199	8'	C	1											12/18/24	1001	X	X	X										
	58 FL200	8'	C	1											12/18/24	1002	X	X	X										
	59 FL201	8'	C	1											12/18/24	1003	X	X	X										
	60 FL202	8'	C	1											12/18/24	1004	X	X	X										

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Relinquished By: <i>[Signature]</i>	Date: 12-18-24	Received By: <i>[Signature]</i>	Date: 12-18-24
Time: 1444		Time: 1444	

Delivered By: (Circle One)	Sample Condition	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other: 4-24/3.00	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	<i>[Signature]</i>
	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

REMARKS: 48 hr Rush!
Email results to: pm@hungry-horse.com
gboans@idmii.com

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:						Hungry Horse LLC											
Project Manager:						Daniel Dominguez											
Address:						4024 Plains Hwy											
City:						Lovington		State:		NM		Zip:		88260			
Phone #:						575 393-3386		Fax #:				Attn:		Greg Boans			
Project #:								Project Owner:		Murchison Oil & Gas		Address:		5325 Sierra Vista			
Project Name:						Ogden State #4		City:		Carlsbad		State:		NM			
Project Location:						UL / P Sec 2 T2S5 - R2E6		Phone #:		575 706-0667		Zip:		88230			
Sampler Name:						Jerry, Hector, Shane, Toby		Fax #:				PRESERV.		SAMPLING			
FOR LAB USE ONLY																	
Lab I.D.						Sample I.D.		Depth		(G)RAB OR (C)OMP.		# CONTAINERS					
FL203						8'		C		1		X		DATE		TIME	
FL204						8'		C		1		X		12/18/24		1005	
FL205						8'		C		1		X		12/18/24		1006	
FL206						8'		C		1		X		12/18/24		1007	
FL207						8'		C		1		X		12/18/24		1008	
FL208						8'		C		1		X		12/18/24		1009	
FL209						8'		C		1		X		12/18/24		1010	
FL210						5.5'		C		1		X		12/18/24		1011	
FL211						5.5'		C		1		X		12/18/24		1012	
FL212						5.5'		C		1		X		12/18/24		1013	
FL212						5.5'		C		1		X		12/18/24		1014	
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Relinquished By:						Date:		Time:		Received By:		Date:		Time:			
Relinquished By:						Date:		Time:		Received By:		Date:		Time:			
Delivered By: (Circle One)						CF-O-44 #40		Sample Condition		Cool Intact		Yes		No		CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:						4.30/3.10		Cool Intact		Yes		No		No		4.30	
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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

December 20, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: OGDEN STATE 4

Enclosed are the results of analyses for samples received by the laboratory on 12/18/24 14:44.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/18/2024	Sampling Date:	12/18/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL223 5.5' (H247644-01)

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	12/19/2024	ND	1.98	99.0	2.00	1.31		
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.814		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.93	96.6	2.00	0.234		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.20	103	6.00	1.42		
Total BTEX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	191	95.7	200	4.19	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	170	84.9	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL224 5.5' (H247644-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.98	99.0	2.00	1.31		
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.814		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.93	96.6	2.00	0.234		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.20	103	6.00	1.42		
Total BTEx	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	191	95.7	200	4.19	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	170	84.9	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL225 5.5' (H247644-03)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	1.98	99.0	2.00	1.31	
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.814	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.93	96.6	2.00	0.234	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.20	103	6.00	1.42	
Total BTEX	<0.300	0.300	12/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	191	95.7	200	4.19	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	170	84.9	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.2 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL226 5.5' (H247644-04)

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	12/19/2024	ND	1.98	99.0	2.00	1.31		
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.814		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.93	96.6	2.00	0.234		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.20	103	6.00	1.42		
Total BTEX	<0.300	0.300	12/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	191	95.7	200	4.19	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	170	84.9	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL227 5.5' (H247644-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.98	99.0	2.00	1.31		
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.814		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.93	96.6	2.00	0.234		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.20	103	6.00	1.42		
Total BTEX	<0.300	0.300	12/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	191	95.7	200	4.19	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	170	84.9	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL228 5.5' (H247644-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.98	99.0	2.00	1.31		
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.814		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.93	96.6	2.00	0.234		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.20	103	6.00	1.42		
Total BTEx	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	191	95.7	200	4.19	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	170	84.9	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL229 5.5' (H247644-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	1.98	99.0	2.00	1.31	
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.814	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.93	96.6	2.00	0.234	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.20	103	6.00	1.42	
Total BTEx	<0.300	0.300	12/19/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	191	95.7	200	4.19	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	170	84.9	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL230 5.5' (H247644-08)

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	12/19/2024	ND	1.98	99.0	2.00	1.31		
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.814		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.93	96.6	2.00	0.234		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.20	103	6.00	1.42		
Total BTEx	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	191	95.7	200	4.19	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	170	84.9	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
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 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL231 5.5' (H247644-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.98	99.0	2.00	1.31		
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.814		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.93	96.6	2.00	0.234		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.20	103	6.00	1.42		
Total BTEx	<0.300	0.300	12/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	191	95.7	200	4.19	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	170	84.9	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

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Analytical Results For:

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 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL232 5.5' (H247644-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.98	99.0	2.00	1.31		
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.814		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.93	96.6	2.00	0.234		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.20	103	6.00	1.42		
Total BTEx	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	191	95.7	200	4.19	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	170	84.9	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL233 5.5' (H247644-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.98	99.0	2.00	1.31		
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.814		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.93	96.6	2.00	0.234		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.20	103	6.00	1.42		
Total BTEX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	191	95.7	200	4.19	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	170	84.9	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL234 5.5' (H247644-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.98	99.0	2.00	1.31		
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.814		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.93	96.6	2.00	0.234		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.20	103	6.00	1.42		
Total BTEx	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	191	95.7	200	4.19	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	170	84.9	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
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 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL235 5.5' (H247644-13)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	1.98	99.0	2.00	1.31	
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.814	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.93	96.6	2.00	0.234	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.20	103	6.00	1.42	
Total BTX	<0.300	0.300	12/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	191	95.7	200	4.19	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	170	84.9	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL236 5.5' (H247644-14)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	1.98	99.0	2.00	1.31	
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.814	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.93	96.6	2.00	0.234	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.20	103	6.00	1.42	
Total BTEx	<0.300	0.300	12/19/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	191	95.7	200	4.19	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	170	84.9	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL237 5.5' (H247644-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.98	99.0	2.00	1.31		
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.814		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.93	96.6	2.00	0.234		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.20	103	6.00	1.42		
Total BTEx	<0.300	0.300	12/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	191	95.7	200	4.19	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	170	84.9	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 73.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL238 5.5' (H247644-16)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	1.98	99.0	2.00	1.31	
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.814	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.93	96.6	2.00	0.234	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.20	103	6.00	1.42	
Total BTX	<0.300	0.300	12/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	191	95.7	200	4.19	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	170	84.9	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL239 5.5' (H247644-17)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	1.98	99.0	2.00	1.31	
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.814	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.93	96.6	2.00	0.234	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.20	103	6.00	1.42	
Total BTEx	<0.300	0.300	12/19/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	191	95.7	200	4.19	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	170	84.9	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL240 5.5' (H247644-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.98	99.0	2.00	1.31		
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.814		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.93	96.6	2.00	0.234		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.20	103	6.00	1.42		
Total BTEx	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	191	95.7	200	4.19	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	170	84.9	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL241 5.5' (H247644-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.98	99.0	2.00	1.31		
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.814		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.93	96.6	2.00	0.234		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.20	103	6.00	1.42		
Total BTEx	<0.300	0.300	12/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	191	95.7	200	4.19	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	170	84.9	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.0 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL242 5.5' (H247644-20)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	1.98	99.0	2.00	1.31	
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.814	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.93	96.6	2.00	0.234	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.20	103	6.00	1.42	
Total BTEx	<0.300	0.300	12/19/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	191	95.7	200	4.19	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	170	84.9	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/18/2024	Sampling Date:	12/18/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL243 5.5' (H247644-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.96	98.1	2.00	2.67		
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.505		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.05	102	2.00	2.48		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.17	103	6.00	3.02		
Total BTEx	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	215	108	200	1.66	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	198	99.0	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 66.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/18/2024	Sampling Date:	12/18/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL244 5.5' (H247644-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.96	98.1	2.00	2.67		
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.505		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.05	102	2.00	2.48		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.17	103	6.00	3.02		
Total BTEX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/19/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	215	108	200	1.66	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	198	99.0	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 73.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.9 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL245 5.5' (H247644-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.96	98.1	2.00	2.67		
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.505		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.05	102	2.00	2.48		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.17	103	6.00	3.02		
Total BTEx	<0.300	0.300	12/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	12/19/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	215	108	200	1.66	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	198	99.0	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL246 5.5' (H247644-24)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	1.96	98.1	2.00	2.67	
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.505	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.05	102	2.00	2.48	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.17	103	6.00	3.02	
Total BTEx	<0.300	0.300	12/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	215	108	200	1.66	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	198	99.0	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 75.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL247 5.5' (H247644-25)

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	12/19/2024	ND	1.96	98.1	2.00	2.67	
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.505	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.05	102	2.00	2.48	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.17	103	6.00	3.02	
Total BTEX	<0.300	0.300	12/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	215	108	200	1.66	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	198	99.0	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 73.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL248 5.5' (H247644-26)

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	12/19/2024	ND	1.96	98.1	2.00	2.67		
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.505		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.05	102	2.00	2.48		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.17	103	6.00	3.02		
Total BTEx	<0.300	0.300	12/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	12/19/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	215	108	200	1.66	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	198	99.0	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL249 5.5' (H247644-27)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	1.96	98.1	2.00	2.67	
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.505	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.05	102	2.00	2.48	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.17	103	6.00	3.02	
Total BTEx	<0.300	0.300	12/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	215	108	200	1.66	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	198	99.0	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 74.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL250 5.5' (H247644-28)

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	12/19/2024	ND	1.96	98.1	2.00	2.67	
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.505	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.05	102	2.00	2.48	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.17	103	6.00	3.02	
Total BTEx	<0.300	0.300	12/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	215	108	200	1.66	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	198	99.0	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL251 5.5' (H247644-29)

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	12/19/2024	ND	1.96	98.1	2.00	2.67		
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.505		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.05	102	2.00	2.48		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.17	103	6.00	3.02		
Total BTEX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/19/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	215	108	200	1.66	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	198	99.0	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 77.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL252 5.5' (H247644-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.96	98.1	2.00	2.67		
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.505		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.05	102	2.00	2.48		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.17	103	6.00	3.02		
Total BTEX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	215	108	200	1.66	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	198	99.0	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL253 5.5' (H247644-31)

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	12/19/2024	ND	1.96	98.1	2.00	2.67	
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.505	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.05	102	2.00	2.48	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.17	103	6.00	3.02	
Total BTEx	<0.300	0.300	12/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	12/19/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	215	108	200	1.66	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	198	99.0	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 71.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL254 5.5' (H247644-32)

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	12/19/2024	ND	1.96	98.1	2.00	2.67	
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.505	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.05	102	2.00	2.48	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.17	103	6.00	3.02	
Total BTEx	<0.300	0.300	12/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	215	108	200	1.66	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	198	99.0	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 77.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL255 5.5' (H247644-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.96	98.1	2.00	2.67		
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.505		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.05	102	2.00	2.48		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.17	103	6.00	3.02		
Total BTEx	<0.300	0.300	12/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	215	108	200	1.66	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	198	99.0	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL256 5.5' (H247644-34)

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	12/19/2024	ND	1.96	98.1	2.00	2.67		
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.505		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.05	102	2.00	2.48		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.17	103	6.00	3.02		
Total BTEX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	215	108	200	1.66	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	198	99.0	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
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 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL257 5.5' (H247644-35)

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	12/19/2024	ND	1.96	98.1	2.00	2.67		
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.505		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.05	102	2.00	2.48		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.17	103	6.00	3.02		
Total BTEX	<0.300	0.300	12/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	215	108	200	1.66	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	198	99.0	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 80.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL258 5.5' (H247644-36)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	1.96	98.1	2.00	2.67	
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.505	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.05	102	2.00	2.48	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.17	103	6.00	3.02	
Total BTEx	<0.300	0.300	12/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	12/19/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	215	108	200	1.66	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	198	99.0	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL259 5.5' (H247644-37)

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	12/19/2024	ND	1.96	98.1	2.00	2.67		
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.505		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.05	102	2.00	2.48		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.17	103	6.00	3.02		
Total BTEx	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	215	108	200	1.66	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	198	99.0	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL260 5.5' (H247644-38)

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	12/19/2024	ND	1.96	98.1	2.00	2.67	
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.505	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.05	102	2.00	2.48	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.17	103	6.00	3.02	
Total BTEx	<0.300	0.300	12/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	12/19/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	215	108	200	1.66	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	198	99.0	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL261 5.5' (H247644-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.96	98.1	2.00	2.67		
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.505		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.05	102	2.00	2.48		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.17	103	6.00	3.02		
Total BTEx	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	215	108	200	1.66	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	198	99.0	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL262 5.5' (H247644-40)

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	12/19/2024	ND	1.96	98.1	2.00	2.67		
Toluene*	<0.050	0.050	12/19/2024	ND	2.00	100	2.00	0.505		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.05	102	2.00	2.48		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.17	103	6.00	3.02		
Total BTEx	<0.300	0.300	12/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	12/19/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	215	108	200	1.66	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	198	99.0	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL263 5.5' (H247644-41)

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	12/19/2024	ND	2.07	103	2.00	8.33	
Toluene*	<0.050	0.050	12/19/2024	ND	2.06	103	2.00	1.97	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.12	106	2.00	0.346	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.39	106	6.00	0.656	
Total BTEx	<0.300	0.300	12/19/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	233	117	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	217	108	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 62.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL264 5.5' (H247644-42)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	2.07	103	2.00	8.33	
Toluene*	<0.050	0.050	12/19/2024	ND	2.06	103	2.00	1.97	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.12	106	2.00	0.346	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.39	106	6.00	0.656	
Total BTX	<0.300	0.300	12/19/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	233	117	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	217	108	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL265 5.5' (H247644-43)

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	12/19/2024	ND	2.07	103	2.00	8.33	
Toluene*	<0.050	0.050	12/19/2024	ND	2.06	103	2.00	1.97	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.12	106	2.00	0.346	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.39	106	6.00	0.656	
Total BTEx	<0.300	0.300	12/19/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	233	117	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	217	108	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL266 5.5' (H247644-44)

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	12/19/2024	ND	2.07	103	2.00	8.33	
Toluene*	<0.050	0.050	12/19/2024	ND	2.06	103	2.00	1.97	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.12	106	2.00	0.346	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.39	106	6.00	0.656	
Total BTEX	<0.300	0.300	12/19/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	233	117	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	217	108	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL267 5.5' (H247644-45)

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	12/19/2024	ND	2.07	103	2.00	8.33		
Toluene*	<0.050	0.050	12/19/2024	ND	2.06	103	2.00	1.97		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.12	106	2.00	0.346		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.39	106	6.00	0.656		
Total BTEx	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	233	117	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	217	108	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL268 5.5' (H247644-46)

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	12/19/2024	ND	2.07	103	2.00	8.33	
Toluene*	<0.050	0.050	12/19/2024	ND	2.06	103	2.00	1.97	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.12	106	2.00	0.346	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.39	106	6.00	0.656	
Total BTEx	<0.300	0.300	12/19/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	233	117	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	217	108	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL269 5.5' (H247644-47)

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	12/19/2024	ND	2.07	103	2.00	8.33		
Toluene*	<0.050	0.050	12/19/2024	ND	2.06	103	2.00	1.97		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.12	106	2.00	0.346		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.39	106	6.00	0.656		
Total BTEX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	233	117	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	217	108	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL270 5.5' (H247644-48)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	2.07	103	2.00	8.33	
Toluene*	<0.050	0.050	12/19/2024	ND	2.06	103	2.00	1.97	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.12	106	2.00	0.346	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.39	106	6.00	0.656	
Total BTX	<0.300	0.300	12/19/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	233	117	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	217	108	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL271 5.5' (H247644-49)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	2.07	103	2.00	8.33	
Toluene*	<0.050	0.050	12/19/2024	ND	2.06	103	2.00	1.97	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.12	106	2.00	0.346	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.39	106	6.00	0.656	
Total BTEx	<0.300	0.300	12/19/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	233	117	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	217	108	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL272 5.5' (H247644-50)

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	12/19/2024	ND	2.07	103	2.00	8.33		
Toluene*	<0.050	0.050	12/19/2024	ND	2.06	103	2.00	1.97		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.12	106	2.00	0.346		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.39	106	6.00	0.656		
Total BTEX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	233	117	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	217	108	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL273 5.5' (H247644-51)

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	12/19/2024	ND	2.07	103	2.00	8.33		
Toluene*	<0.050	0.050	12/19/2024	ND	2.06	103	2.00	1.97		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.12	106	2.00	0.346		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.39	106	6.00	0.656		
Total BTEx	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	233	117	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	217	108	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL274 5.5' (H247644-52)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	2.07	103	2.00	8.33		
Toluene*	<0.050	0.050	12/19/2024	ND	2.06	103	2.00	1.97		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.12	106	2.00	0.346		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.39	106	6.00	0.656		
Total BTEx	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	233	117	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	217	108	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL275 5.5' (H247644-53)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	2.07	103	2.00	8.33		
Toluene*	<0.050	0.050	12/19/2024	ND	2.06	103	2.00	1.97		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.12	106	2.00	0.346		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.39	106	6.00	0.656		
Total BTEX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	233	117	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	217	108	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL276 5.5' (H247644-54)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	2.07	103	2.00	8.33	
Toluene*	<0.050	0.050	12/19/2024	ND	2.06	103	2.00	1.97	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.12	106	2.00	0.346	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.39	106	6.00	0.656	
Total BTEx	<0.300	0.300	12/19/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	233	117	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	217	108	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL277 5.5' (H247644-55)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	2.07	103	2.00	8.33		
Toluene*	<0.050	0.050	12/19/2024	ND	2.06	103	2.00	1.97		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.12	106	2.00	0.346		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.39	106	6.00	0.656		
Total BTEX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	233	117	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	217	108	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL278 5.5' (H247644-56)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	2.07	103	2.00	8.33		
Toluene*	<0.050	0.050	12/19/2024	ND	2.06	103	2.00	1.97		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.12	106	2.00	0.346		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.39	106	6.00	0.656		
Total BTX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	233	117	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	217	108	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL279 5.5' (H247644-57)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	2.07	103	2.00	8.33		
Toluene*	<0.050	0.050	12/19/2024	ND	2.06	103	2.00	1.97		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.12	106	2.00	0.346		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.39	106	6.00	0.656		
Total BTEX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	233	117	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	217	108	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL280 5.5' (H247644-58)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	2.07	103	2.00	8.33	
Toluene*	<0.050	0.050	12/19/2024	ND	2.06	103	2.00	1.97	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.12	106	2.00	0.346	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.39	106	6.00	0.656	
Total BTEx	<0.300	0.300	12/19/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	233	117	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	217	108	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL281 5.5' (H247644-59)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	2.07	103	2.00	8.33		
Toluene*	<0.050	0.050	12/19/2024	ND	2.06	103	2.00	1.97		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.12	106	2.00	0.346		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.39	106	6.00	0.656		
Total BTEX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	233	117	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	217	108	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL282 5.5' (H247644-60)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	2.07	103	2.00	8.33	
Toluene*	<0.050	0.050	12/19/2024	ND	2.06	103	2.00	1.97	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.12	106	2.00	0.346	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.39	106	6.00	0.656	
Total BTEx	<0.300	0.300	12/19/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	233	117	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	217	108	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL283 5.5' (H247644-61)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	2.09	105	2.00	6.28		
Toluene*	<0.050	0.050	12/19/2024	ND	2.14	107	2.00	3.98		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.08	104	2.00	2.29		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.62	110	6.00	1.86		
Total BTEX	<0.300	0.300	12/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	12/19/2024	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	222	111	200	2.63	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	201	101	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL284 5.5' (H247644-62)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	2.09	105	2.00	6.28		
Toluene*	<0.050	0.050	12/19/2024	ND	2.14	107	2.00	3.98		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.08	104	2.00	2.29		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.62	110	6.00	1.86		
Total BTX	<0.300	0.300	12/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	12/19/2024	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	222	111	200	2.63	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	201	101	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL285 5.5' (H247644-63)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	2.09	105	2.00	6.28	
Toluene*	<0.050	0.050	12/19/2024	ND	2.14	107	2.00	3.98	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.08	104	2.00	2.29	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.62	110	6.00	1.86	
Total BTEX	<0.300	0.300	12/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	12/19/2024	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	222	111	200	2.63	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	201	101	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL286 5.5' (H247644-64)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	2.09	105	2.00	6.28	
Toluene*	<0.050	0.050	12/19/2024	ND	2.14	107	2.00	3.98	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.08	104	2.00	2.29	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.62	110	6.00	1.86	
Total BTEX	<0.300	0.300	12/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	222	111	200	2.63	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	201	101	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL287 5.5' (H247644-65)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	2.09	105	2.00	6.28	
Toluene*	<0.050	0.050	12/19/2024	ND	2.14	107	2.00	3.98	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.08	104	2.00	2.29	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.62	110	6.00	1.86	
Total BTEX	<0.300	0.300	12/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	12/19/2024	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	222	111	200	2.63	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	201	101	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL288 5.5' (H247644-66)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	2.09	105	2.00	6.28	
Toluene*	<0.050	0.050	12/19/2024	ND	2.14	107	2.00	3.98	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.08	104	2.00	2.29	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.62	110	6.00	1.86	
Total BTEX	<0.300	0.300	12/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	12/19/2024	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	222	111	200	2.63	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	201	101	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL289 5.5' (H247644-67)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	2.09	105	2.00	6.28		
Toluene*	<0.050	0.050	12/19/2024	ND	2.14	107	2.00	3.98		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.08	104	2.00	2.29		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.62	110	6.00	1.86		
Total BTEX	<0.300	0.300	12/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	12/19/2024	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	222	111	200	2.63	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	201	101	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW37 8-10' (H247644-68)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	2.09	105	2.00	6.28		
Toluene*	<0.050	0.050	12/19/2024	ND	2.14	107	2.00	3.98		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.08	104	2.00	2.29		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.62	110	6.00	1.86		
Total BTEX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	222	111	200	2.63	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	201	101	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 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:

Hungry Horse Environmental
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 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW38 8-10' (H247644-69)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	2.09	105	2.00	6.28		
Toluene*	<0.050	0.050	12/19/2024	ND	2.14	107	2.00	3.98		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.08	104	2.00	2.29		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.62	110	6.00	1.86		
Total BTX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	222	111	200	2.63	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	201	101	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW39 8-10' (H247644-70)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	2.09	105	2.00	6.28	
Toluene*	<0.050	0.050	12/19/2024	ND	2.14	107	2.00	3.98	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.08	104	2.00	2.29	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.62	110	6.00	1.86	
Total BTEX	<0.300	0.300	12/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	222	111	200	2.63	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	201	101	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW40 0-10' (H247644-71)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	2.09	105	2.00	6.28	
Toluene*	<0.050	0.050	12/19/2024	ND	2.14	107	2.00	3.98	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.08	104	2.00	2.29	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.62	110	6.00	1.86	
Total BTEX	<0.300	0.300	12/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	12/19/2024	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	222	111	200	2.63	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	201	101	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW41 0-8' (H247644-72)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	2.09	105	2.00	6.28	
Toluene*	<0.050	0.050	12/19/2024	ND	2.14	107	2.00	3.98	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.08	104	2.00	2.29	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.62	110	6.00	1.86	
Total BTEX	<0.300	0.300	12/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	222	111	200	2.63	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	201	101	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW42 0-5.5' (H247644-73)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	2.09	105	2.00	6.28		
Toluene*	<0.050	0.050	12/19/2024	ND	2.14	107	2.00	3.98		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.08	104	2.00	2.29		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.62	110	6.00	1.86		
Total BTEX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	222	111	200	2.63	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	201	101	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW43 0-5.5' (H247644-74)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	2.09	105	2.00	6.28		
Toluene*	<0.050	0.050	12/19/2024	ND	2.14	107	2.00	3.98		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.08	104	2.00	2.29		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.62	110	6.00	1.86		
Total BTEX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	222	111	200	2.63	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	201	101	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW44 0-5.5' (H247644-75)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	2.09	105	2.00	6.28		
Toluene*	<0.050	0.050	12/19/2024	ND	2.14	107	2.00	3.98		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.08	104	2.00	2.29		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.62	110	6.00	1.86		
Total BTEX	<0.300	0.300	12/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	12/19/2024	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	222	111	200	2.63	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	201	101	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW45 0-5.5' (H247644-76)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	2.09	105	2.00	6.28		
Toluene*	<0.050	0.050	12/19/2024	ND	2.14	107	2.00	3.98		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.08	104	2.00	2.29		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.62	110	6.00	1.86		
Total BTX	<0.300	0.300	12/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	12/19/2024	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	222	111	200	2.63	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	201	101	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW46 0-5.5' (H247644-77)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	2.09	105	2.00	6.28		
Toluene*	<0.050	0.050	12/19/2024	ND	2.14	107	2.00	3.98		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.08	104	2.00	2.29		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.62	110	6.00	1.86		
Total BTEX	<0.300	0.300	12/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	12/19/2024	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	222	111	200	2.63	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	201	101	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW47 0-5.5' (H247644-78)

BTEx 8021B		mg/ kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	2.09	105	2.00	6.28		
Toluene*	<0.050	0.050	12/19/2024	ND	2.14	107	2.00	3.98		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.08	104	2.00	2.29		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.62	110	6.00	1.86		
Total BTEX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	222	111	200	2.63	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	201	101	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW48 0-5.5' (H247644-79)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2024	ND	2.09	105	2.00	6.28	
Toluene*	<0.050	0.050	12/19/2024	ND	2.14	107	2.00	3.98	
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	2.08	104	2.00	2.29	
Total Xylenes*	<0.150	0.150	12/19/2024	ND	6.62	110	6.00	1.86	
Total BTEX	<0.300	0.300	12/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	222	111	200	2.63	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	201	101	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW49 0-5.5' (H247644-80)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.09	105	2.00	6.28		
Toluene*	<0.050	0.050	12/20/2024	ND	2.14	107	2.00	3.98		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.08	104	2.00	2.29		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.62	110	6.00	1.86		
Total BTEX	<0.300	0.300	12/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	222	111	200	2.63	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	201	101	200	1.91	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/18/2024	Sampling Date:	12/18/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: SW50 0-5.5' (H247644-81)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	2.05	103	2.00	1.36		
Toluene*	<0.050	0.050	12/19/2024	ND	1.95	97.6	2.00	2.63		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.97	98.3	2.00	3.68		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	5.91	98.6	6.00	4.19		
Total BTEx	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	206	103	200	5.43	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	185	92.5	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW51 5.5-8' (H247644-82)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	2.05	103	2.00	1.36		
Toluene*	<0.050	0.050	12/19/2024	ND	1.95	97.6	2.00	2.63		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.97	98.3	2.00	3.68		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	5.91	98.6	6.00	4.19		
Total BTEX	<0.300	0.300	12/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	206	103	200	5.43	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	185	92.5	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW52 5.5-8' (H247644-83)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	2.05	103	2.00	1.36		
Toluene*	<0.050	0.050	12/19/2024	ND	1.95	97.6	2.00	2.63		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.97	98.3	2.00	3.68		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	5.91	98.6	6.00	4.19		
Total BTEx	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	206	103	200	5.43	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	185	92.5	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/18/2024
 Reported: 12/20/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW53 5.5-8' (H247644-84)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	2.05	103	2.00	1.36		
Toluene*	<0.050	0.050	12/19/2024	ND	1.95	97.6	2.00	2.63		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.97	98.3	2.00	3.68		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	5.91	98.6	6.00	4.19		
Total BTEX	<0.300	0.300	12/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/19/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	206	103	200	5.43	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	185	92.5	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

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

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: Hungry Horse LLC		BILL TO		ANALYSIS REQUEST																			
Project Manager: Daniel Dominguez		P.O. #:																					
Address: 4024 Plains Hwy		Company: Murchison Oil & Gas																					
City: Lovington	State: NM	Zip: 88260	Attn: Greg Boans																				
Phone #: 575 393-3386	Fax #:	Address: 5325 Sierra Vista																					
Project #:	Project Owner: Murchison Oil & Gas	City: Carlsbad	State: NM	Zip: 88230																			
Project Name: Ogden State #4		Phone #: 575 706-0667																					
Project Location: UL/P Sec 2 T25S - R26E		Fax #:																					
Sampler Name: Jerry, Hector, Shane, Toby																							
<small>FOR LAB USE ONLY</small>																							
Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING													
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH	BTEX 8021					
FL223	FL223	5.5'	C	1	X									12/18/24	1025	X	X	X					
FL224	FL224	5.5'	C	1	X									12/18/24	1026	X	X	X					
FL225	FL225	5.5'	C	1	X									12/18/24	1027	X	X	X					
FL226	FL226	5.5'	C	1	X									12/18/24	1028	X	X	X					
FL227	FL227	5.5'	C	1	X									12/18/24	1029	X	X	X					
FL228	FL228	5.5'	C	1	X									12/18/24	1030	X	X	X					
FL229	FL229	5.5'	C	1	X									12/18/24	1031	X	X	X					
FL230	FL230	5.5'	C	1	X									12/18/24	1032	X	X	X					
FL231	FL231	5.5'	C	1	X									12/18/24	1033	X	X	X					
FL232	FL232	5.5'	C	1	X									12/18/24	1034	X	X	X					

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Relinquished By:	Date: 12-18-24	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Time: 1449	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
REMARKS: 48 hr Rush!				
Email results to: pm@hungry-horse.com				
gboans@jdmil.com				

Delivered By: (Circle One)	Sample Condition	CHECKED BY:
Sampler - UPS - Bus - Other:	Cool - Intact	(Initials)
4.21/3.02	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO										ANALYSIS REQUEST														
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas																										
Address: 4024 Plains Hwy		Attn: Greg Boans																										
City: Lovington	State: NM	Zip: 88260	Address: 5325 Sierra Vista																									
Phone #: 575 393-3386	Fax #:		City: Carlsbad																									
Project #:	Project Owner: Murchison Oil & Gas	State: NM	Zip: 88230																									
Project Name: Ogden State #4	Phone #: 575 706-0667	Fax #:																										
Project Location: U/L P Sec 2 T25S - R26E	Sample Name: Jerry, Hector, Shane, Toby	FOR LAB USE ONLY																										
Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING	DATE	TIME	Chloride	TPH	BTEX 8021													
21	FL243	5.5'	C	1	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	12/18/24	1045	X	X	X										
22	FL244	5.5'	C	1	X		X							12/18/24	1046	X	X	X										
23	FL245	5.5'	C	1	X		X							12/18/24	1047	X	X	X										
24	FL246	5.5'	C	1	X		X							12/18/24	1048	X	X	X										
25	FL247	5.5'	C	1	X		X							12/18/24	1049	X	X	X										
26	FL248	5.5'	C	1	X		X							12/18/24	1050	X	X	X										
27	FL249	5.5'	C	1	X		X							12/18/24	1051	X	X	X										
28	FL250	5.5'	C	1	X		X							12/18/24	1052	X	X	X										
29	FL251	5.5'	C	1	X		X							12/18/24	1053	X	X	X										
30	FL252	5.5'	C	1	X		X							12/18/24	1054	X	X	X										

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising under this contract or bill shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>[Signature]</i>	Date: 12-18-24	Time: 4:44	Received By: <i>[Signature]</i>	Date: 12-18-24	Time: 4:44
Delivered By: (Circle One) <i>CF-8.04c #140</i>	Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact	Checked By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #: <i>48 hr Rush!</i>	
Sampler - UPS - Bus - Other: <i>42/3.10c</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(Initials)	REMARKS: <i>48 hr Rush!</i>		
† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476			Email results to: <i>pm@hungry-horse.com</i>		
			<i>gboans@jdmil.com</i>		



Page 90 of 95

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 92 of 95



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Page 94 of 95

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BILL TO

ANALYSIS REQUESTPage 95 of 95



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

December 27, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: OGDEN STATE 4

Enclosed are the results of analyses for samples received by the laboratory on 12/19/24 15:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/19/2024	Sampling Date:	12/19/2024
Reported:	12/27/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: TOPSOIL PIT 1' (H247701-01)

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	12/24/2024	ND	1.64	82.2	2.00	9.84		
Toluene*	<0.050	0.050	12/24/2024	ND	1.71	85.7	2.00	10.0		
Ethylbenzene*	<0.050	0.050	12/24/2024	ND	1.67	83.7	2.00	9.95		
Total Xylenes*	<0.150	0.150	12/24/2024	ND	4.91	81.8	6.00	9.91		
Total BTEX	<0.300	0.300	12/24/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/26/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	195	97.5	200	3.40	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	183	91.4	200	13.8	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 4 of 4



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

December 27, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: OGDEN STATE 4

Enclosed are the results of analyses for samples received by the laboratory on 12/19/24 15:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/19/2024	Sampling Date:	12/19/2024
Reported:	12/27/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: CALICHE PIT 1' (H247702-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/24/2024	ND	1.64	82.2	2.00	9.84	
Toluene*	<0.050	0.050	12/24/2024	ND	1.71	85.7	2.00	10.0	
Ethylbenzene*	<0.050	0.050	12/24/2024	ND	1.67	83.7	2.00	9.95	
Total Xylenes*	<0.150	0.150	12/24/2024	ND	4.91	81.8	6.00	9.91	
Total BTX	<0.300	0.300	12/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	12/26/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2024	ND	195	97.5	200	3.40	
DRO >C10-C28*	<10.0	10.0	12/27/2024	ND	183	91.4	200	13.8	
EXT DRO >C28-C36	<10.0	10.0	12/27/2024	ND					

Surrogate: 1-Chlorooctane 72.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

December 26, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: OGDEN STATE 4

Enclosed are the results of analyses for samples received by the laboratory on 12/20/24 14:06.

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.

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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 290 8' (H247713-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	2.00	100	2.00	4.33	
Toluene*	<0.050	0.050	12/20/2024	ND	2.10	105	2.00	3.62	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.03	102	2.00	3.18	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.97	99.5	6.00	3.29	
Total BTX	<0.300	0.300	12/20/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	200	100	200	20.4	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	188	94.1	200	22.9	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 291 8' (H247713-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	2.00	100	2.00	4.33	
Toluene*	<0.050	0.050	12/20/2024	ND	2.10	105	2.00	3.62	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.03	102	2.00	3.18	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.97	99.5	6.00	3.29	
Total BTEX	<0.300	0.300	12/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	200	100	200	20.4	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	188	94.1	200	22.9	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.2 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 292 8' (H247713-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	2.00	100	2.00	4.33	
Toluene*	<0.050	0.050	12/20/2024	ND	2.10	105	2.00	3.62	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.03	102	2.00	3.18	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.97	99.5	6.00	3.29	
Total BTEX	<0.300	0.300	12/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	200	100	200	20.4	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	188	94.1	200	22.9	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 293 8' (H247713-04)

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	12/20/2024	ND	2.00	100	2.00	4.33		
Toluene*	<0.050	0.050	12/20/2024	ND	2.10	105	2.00	3.62		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.03	102	2.00	3.18		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.97	99.5	6.00	3.29		
Total BTEX	<0.300	0.300	12/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	200	100	200	20.4	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	188	94.1	200	22.9	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 294 8' (H247713-05)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	2.00	100	2.00	4.33	
Toluene*	<0.050	0.050	12/20/2024	ND	2.10	105	2.00	3.62	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.03	102	2.00	3.18	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.97	99.5	6.00	3.29	
Total BTEx	<0.300	0.300	12/20/2024	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	16.0	16.0	12/23/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	200	100	200	20.4	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	188	94.1	200	22.9	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 295 8' (H247713-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	2.00	100	2.00	4.33	
Toluene*	<0.050	0.050	12/20/2024	ND	2.10	105	2.00	3.62	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.03	102	2.00	3.18	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.97	99.5	6.00	3.29	
Total BTEX	<0.300	0.300	12/20/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	200	100	200	20.4	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	188	94.1	200	22.9	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 296 8' (H247713-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	2.00	100	2.00	4.33	
Toluene*	<0.050	0.050	12/20/2024	ND	2.10	105	2.00	3.62	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.03	102	2.00	3.18	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.97	99.5	6.00	3.29	
Total BTEX	<0.300	0.300	12/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	200	100	200	20.4	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	188	94.1	200	22.9	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 297 8' (H247713-08)

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	12/20/2024	ND	2.00	100	2.00	4.33		
Toluene*	<0.050	0.050	12/20/2024	ND	2.10	105	2.00	3.62		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.03	102	2.00	3.18		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.97	99.5	6.00	3.29		
Total BTEX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	200	100	200	20.4	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	188	94.1	200	22.9	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 298 8' (H247713-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	2.00	100	2.00	4.33	
Toluene*	<0.050	0.050	12/20/2024	ND	2.10	105	2.00	3.62	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.03	102	2.00	3.18	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.97	99.5	6.00	3.29	
Total BTEX	<0.300	0.300	12/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	200	100	200	20.4	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	188	94.1	200	22.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 299 8' (H247713-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	2.00	100	2.00	4.33	
Toluene*	<0.050	0.050	12/20/2024	ND	2.10	105	2.00	3.62	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.03	102	2.00	3.18	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.97	99.5	6.00	3.29	
Total BTEX	<0.300	0.300	12/20/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	200	100	200	20.4	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	188	94.1	200	22.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 300 8' (H247713-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	2.00	100	2.00	4.33	
Toluene*	<0.050	0.050	12/20/2024	ND	2.10	105	2.00	3.62	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.03	102	2.00	3.18	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.97	99.5	6.00	3.29	
Total BTEX	<0.300	0.300	12/20/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	200	100	200	20.4	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	188	94.1	200	22.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 77.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 301 8' (H247713-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.00	100	2.00	4.33		
Toluene*	<0.050	0.050	12/20/2024	ND	2.10	105	2.00	3.62		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.03	102	2.00	3.18		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.97	99.5	6.00	3.29		
Total BTEX	<0.300	0.300	12/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	200	100	200	20.4	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	188	94.1	200	22.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 302 8' (H247713-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.00	100	2.00	4.33		
Toluene*	<0.050	0.050	12/20/2024	ND	2.10	105	2.00	3.62		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.03	102	2.00	3.18		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.97	99.5	6.00	3.29		
Total BTEX	<0.300	0.300	12/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	200	100	200	20.4	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	188	94.1	200	22.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 303 8' (H247713-14)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	2.00	100	2.00	4.33	
Toluene*	<0.050	0.050	12/20/2024	ND	2.10	105	2.00	3.62	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.03	102	2.00	3.18	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.97	99.5	6.00	3.29	
Total BTEx	<0.300	0.300	12/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 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	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	200	100	200	20.4	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	188	94.1	200	22.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 304 8' (H247713-15)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	2.00	100	2.00	4.33	
Toluene*	<0.050	0.050	12/20/2024	ND	2.10	105	2.00	3.62	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.03	102	2.00	3.18	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.97	99.5	6.00	3.29	
Total BTEx	<0.300	0.300	12/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	200	100	200	20.4	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	188	94.1	200	22.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 305 8' (H247713-16)

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	12/20/2024	ND	2.00	100	2.00	4.33	
Toluene*	<0.050	0.050	12/20/2024	ND	2.10	105	2.00	3.62	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.03	102	2.00	3.18	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.97	99.5	6.00	3.29	
Total BTEX	<0.300	0.300	12/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	200	100	200	20.4	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	188	94.1	200	22.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 306 8' (H247713-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	2.00	100	2.00	4.33	
Toluene*	<0.050	0.050	12/20/2024	ND	2.10	105	2.00	3.62	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.03	102	2.00	3.18	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.97	99.5	6.00	3.29	
Total BTEX	<0.300	0.300	12/20/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	200	100	200	20.4	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	188	94.1	200	22.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 307 8' (H247713-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	2.00	100	2.00	4.33	
Toluene*	<0.050	0.050	12/20/2024	ND	2.10	105	2.00	3.62	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.03	102	2.00	3.18	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.97	99.5	6.00	3.29	
Total BTEX	<0.300	0.300	12/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	200	100	200	20.4	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	188	94.1	200	22.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 308 8' (H247713-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.00	100	2.00	4.33		
Toluene*	<0.050	0.050	12/20/2024	ND	2.10	105	2.00	3.62		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.03	102	2.00	3.18		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.97	99.5	6.00	3.29		
Total BTEX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	200	100	200	20.4	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	188	94.1	200	22.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.5 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 309 8' (H247713-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	2.00	100	2.00	4.33	
Toluene*	<0.050	0.050	12/20/2024	ND	2.10	105	2.00	3.62	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.03	102	2.00	3.18	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.97	99.5	6.00	3.29	
Total BTEX	<0.300	0.300	12/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	200	100	200	20.4	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	188	94.1	200	22.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 310 8' (H247713-21)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.24	112	2.00	3.75		
Toluene*	<0.050	0.050	12/20/2024	ND	2.23	111	2.00	2.99		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.12	106	2.00	3.31		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.70	112	6.00	2.68		
Total BTX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	215	107	200	3.56	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	198	99.1	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 71.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 311 8' (H247713-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.24	112	2.00	3.75		
Toluene*	<0.050	0.050	12/20/2024	ND	2.23	111	2.00	2.99		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.12	106	2.00	3.31		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.70	112	6.00	2.68		
Total BTEx	<0.300	0.300	12/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	215	107	200	3.56	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	198	99.1	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 67.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 312 8' (H247713-23)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.24	112	2.00	3.75		
Toluene*	<0.050	0.050	12/20/2024	ND	2.23	111	2.00	2.99		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.12	106	2.00	3.31		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.70	112	6.00	2.68		
Total BTEX	<0.300	0.300	12/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	215	107	200	3.56	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	198	99.1	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 70.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 313 8' (H247713-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.24	112	2.00	3.75		
Toluene*	<0.050	0.050	12/20/2024	ND	2.23	111	2.00	2.99		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.12	106	2.00	3.31		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.70	112	6.00	2.68		
Total BTEX	<0.300	0.300	12/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	215	107	200	3.56	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	198	99.1	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 71.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 314 8' (H247713-25)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.24	112	2.00	3.75		
Toluene*	<0.050	0.050	12/20/2024	ND	2.23	111	2.00	2.99		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.12	106	2.00	3.31		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.70	112	6.00	2.68		
Total BTX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	215	107	200	3.56	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	198	99.1	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 315 8' (H247713-26)

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	12/20/2024	ND	2.24	112	2.00	3.75		
Toluene*	<0.050	0.050	12/20/2024	ND	2.23	111	2.00	2.99		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.12	106	2.00	3.31		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.70	112	6.00	2.68		
Total BTEX	<0.300	0.300	12/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	215	107	200	3.56	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	198	99.1	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 78.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 316 8' (H247713-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.24	112	2.00	3.75		
Toluene*	<0.050	0.050	12/20/2024	ND	2.23	111	2.00	2.99		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.12	106	2.00	3.31		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.70	112	6.00	2.68		
Total BTEx	<0.300	0.300	12/20/2024	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	<16.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	215	107	200	3.56	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	198	99.1	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 76.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 317 8' (H247713-28)

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	12/20/2024	ND	2.24	112	2.00	3.75		
Toluene*	<0.050	0.050	12/20/2024	ND	2.23	111	2.00	2.99		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.12	106	2.00	3.31		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.70	112	6.00	2.68		
Total BTEX	<0.300	0.300	12/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	215	107	200	3.56	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	198	99.1	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 318 8' (H247713-29)

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	12/20/2024	ND	2.24	112	2.00	3.75		
Toluene*	<0.050	0.050	12/20/2024	ND	2.23	111	2.00	2.99		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.12	106	2.00	3.31		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.70	112	6.00	2.68		
Total BTEX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	215	107	200	3.56	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	198	99.1	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 319 8' (H247713-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.24	112	2.00	3.75		
Toluene*	<0.050	0.050	12/20/2024	ND	2.23	111	2.00	2.99		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.12	106	2.00	3.31		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.70	112	6.00	2.68		
Total BTEX	<0.300	0.300	12/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/23/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	215	107	200	3.56	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	198	99.1	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 320 8' (H247713-31)

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	12/20/2024	ND	2.24	112	2.00	3.75		
Toluene*	<0.050	0.050	12/20/2024	ND	2.23	111	2.00	2.99		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.12	106	2.00	3.31		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.70	112	6.00	2.68		
Total BTEX	<0.300	0.300	12/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	215	107	200	3.56	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	198	99.1	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 64.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 321 8' (H247713-32)

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	12/20/2024	ND	2.24	112	2.00	3.75		
Toluene*	<0.050	0.050	12/20/2024	ND	2.23	111	2.00	2.99		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.12	106	2.00	3.31		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.70	112	6.00	2.68		
Total BTEX	<0.300	0.300	12/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	215	107	200	3.56	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	198	99.1	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 322 8' (H247713-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.24	112	2.00	3.75		
Toluene*	<0.050	0.050	12/20/2024	ND	2.23	111	2.00	2.99		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.12	106	2.00	3.31		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.70	112	6.00	2.68		
Total BTEX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	215	107	200	3.56	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	198	99.1	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 78.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 323 8' (H247713-34)

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	12/20/2024	ND	2.24	112	2.00	3.75		
Toluene*	<0.050	0.050	12/20/2024	ND	2.23	111	2.00	2.99		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.12	106	2.00	3.31		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.70	112	6.00	2.68		
Total BTEX	<0.300	0.300	12/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	215	107	200	3.56	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	198	99.1	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 73.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 324 8' (H247713-35)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.24	112	2.00	3.75		
Toluene*	<0.050	0.050	12/20/2024	ND	2.23	111	2.00	2.99		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.12	106	2.00	3.31		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.70	112	6.00	2.68		
Total BTX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	215	107	200	3.56	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	198	99.1	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 70.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 325 8' (H247713-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.24	112	2.00	3.75		
Toluene*	<0.050	0.050	12/20/2024	ND	2.23	111	2.00	2.99		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.12	106	2.00	3.31		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.70	112	6.00	2.68		
Total BTEx	<0.300	0.300	12/20/2024	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	16.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	215	107	200	3.56	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	198	99.1	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 75.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 326 8' (H247713-37)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.24	112	2.00	3.75		
Toluene*	<0.050	0.050	12/21/2024	ND	2.23	111	2.00	2.99		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.12	106	2.00	3.31		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.70	112	6.00	2.68		
Total BTX	<0.300	0.300	12/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	215	107	200	3.56	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	198	99.1	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 77.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 327 8' (H247713-38)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.24	112	2.00	3.75		
Toluene*	<0.050	0.050	12/21/2024	ND	2.23	111	2.00	2.99		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.12	106	2.00	3.31		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.70	112	6.00	2.68		
Total BTX	<0.300	0.300	12/21/2024	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	16.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	215	107	200	3.56	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	198	99.1	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 74.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 328 8' (H247713-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.24	112	2.00	3.75		
Toluene*	<0.050	0.050	12/21/2024	ND	2.23	111	2.00	2.99		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.12	106	2.00	3.31		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.70	112	6.00	2.68		
Total BTEx	<0.300	0.300	12/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	215	107	200	3.56	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	198	99.1	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 79.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 329 8' (H247713-40)

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	12/21/2024	ND	2.24	112	2.00	3.75		
Toluene*	<0.050	0.050	12/21/2024	ND	2.23	111	2.00	2.99		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.12	106	2.00	3.31		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.70	112	6.00	2.68		
Total BTEx	<0.300	0.300	12/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	215	107	200	3.56	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	198	99.1	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 78.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 330 8' (H247713-41)

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	12/20/2024	ND	2.11	105	2.00	1.21		
Toluene*	<0.050	0.050	12/20/2024	ND	2.11	106	2.00	0.303		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.11	105	2.00	0.684		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.33	106	6.00	0.738		
Total BTEX	<0.300	0.300	12/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	238	119	200	0.375	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	223	112	200	0.408	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 73.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 331 8' (H247713-42)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	2.11	105	2.00	1.21	
Toluene*	<0.050	0.050	12/20/2024	ND	2.11	106	2.00	0.303	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.11	105	2.00	0.684	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.33	106	6.00	0.738	
Total BTEX	<0.300	0.300	12/20/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	238	119	200	0.375	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	223	112	200	0.408	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 332 8' (H247713-43)

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	12/20/2024	ND	2.11	105	2.00	1.21		
Toluene*	<0.050	0.050	12/20/2024	ND	2.11	106	2.00	0.303		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.11	105	2.00	0.684		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.33	106	6.00	0.738		
Total BTEX	<0.300	0.300	12/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	238	119	200	0.375	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	223	112	200	0.408	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 333 8' (H247713-44)

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	12/20/2024	ND	2.11	105	2.00	1.21	
Toluene*	<0.050	0.050	12/20/2024	ND	2.11	106	2.00	0.303	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.11	105	2.00	0.684	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.33	106	6.00	0.738	
Total BTEX	<0.300	0.300	12/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	238	119	200	0.375	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	223	112	200	0.408	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 334 8' (H247713-45)

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	12/20/2024	ND	2.11	105	2.00	1.21	
Toluene*	<0.050	0.050	12/20/2024	ND	2.11	106	2.00	0.303	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.11	105	2.00	0.684	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.33	106	6.00	0.738	
Total BTEX	<0.300	0.300	12/20/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	238	119	200	0.375	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	223	112	200	0.408	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 335 8' (H247713-46)

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	12/20/2024	ND	2.11	105	2.00	1.21		
Toluene*	<0.050	0.050	12/20/2024	ND	2.11	106	2.00	0.303		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.11	105	2.00	0.684		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.33	106	6.00	0.738		
Total BTEX	<0.300	0.300	12/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	238	119	200	0.375	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	223	112	200	0.408	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 336 8' (H247713-47)

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	12/20/2024	ND	2.11	105	2.00	1.21		
Toluene*	<0.050	0.050	12/20/2024	ND	2.11	106	2.00	0.303		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.11	105	2.00	0.684		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.33	106	6.00	0.738		
Total BTEX	<0.300	0.300	12/20/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	238	119	200	0.375	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	223	112	200	0.408	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 337 8' (H247713-48)

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	12/20/2024	ND	2.11	105	2.00	1.21		
Toluene*	<0.050	0.050	12/20/2024	ND	2.11	106	2.00	0.303		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.11	105	2.00	0.684		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.33	106	6.00	0.738		
Total BTEx	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	238	119	200	0.375	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	223	112	200	0.408	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 338 8' (H247713-49)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.11	105	2.00	1.21		
Toluene*	<0.050	0.050	12/20/2024	ND	2.11	106	2.00	0.303		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.11	105	2.00	0.684		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.33	106	6.00	0.738		
Total BTEX	<0.300	0.300	12/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	238	119	200	0.375	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	223	112	200	0.408	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 98.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 339 8' (H247713-50)

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	12/20/2024	ND	2.11	105	2.00	1.21	
Toluene*	<0.050	0.050	12/20/2024	ND	2.11	106	2.00	0.303	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.11	105	2.00	0.684	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.33	106	6.00	0.738	
Total BTEX	<0.300	0.300	12/20/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	238	119	200	0.375	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	223	112	200	0.408	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 340 8' (H247713-51)

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	12/20/2024	ND	2.11	105	2.00	1.21		
Toluene*	<0.050	0.050	12/20/2024	ND	2.11	106	2.00	0.303		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.11	105	2.00	0.684		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.33	106	6.00	0.738		
Total BTEX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	238	119	200	0.375	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	223	112	200	0.408	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 341 8' (H247713-52)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.11	105	2.00	1.21		
Toluene*	<0.050	0.050	12/20/2024	ND	2.11	106	2.00	0.303		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.11	105	2.00	0.684		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.33	106	6.00	0.738		
Total BTEx	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	238	119	200	0.375	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	223	112	200	0.408	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 342 8' (H247713-53)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.11	105	2.00	1.21		
Toluene*	<0.050	0.050	12/20/2024	ND	2.11	106	2.00	0.303		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.11	105	2.00	0.684		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.33	106	6.00	0.738		
Total BTEX	<0.300	0.300	12/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	238	119	200	0.375	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	223	112	200	0.408	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 343 8' (H247713-54)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.11	105	2.00	1.21		
Toluene*	<0.050	0.050	12/20/2024	ND	2.11	106	2.00	0.303		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.11	105	2.00	0.684		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.33	106	6.00	0.738		
Total BTEX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	238	119	200	0.375	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	223	112	200	0.408	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 344 8' (H247713-55)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.11	105	2.00	1.21		
Toluene*	<0.050	0.050	12/20/2024	ND	2.11	106	2.00	0.303		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.11	105	2.00	0.684		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.33	106	6.00	0.738		
Total BTEX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	238	119	200	0.375	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	223	112	200	0.408	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 345 8' (H247713-56)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.11	105	2.00	1.21		
Toluene*	<0.050	0.050	12/20/2024	ND	2.11	106	2.00	0.303		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.11	105	2.00	0.684		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.33	106	6.00	0.738		
Total BTEX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	238	119	200	0.375	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	223	112	200	0.408	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 346 8' (H247713-57)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.11	105	2.00	1.21		
Toluene*	<0.050	0.050	12/21/2024	ND	2.11	106	2.00	0.303		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.11	105	2.00	0.684		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.33	106	6.00	0.738		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	238	119	200	0.375	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	223	112	200	0.408	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 347 8' (H247713-58)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.11	105	2.00	1.21		
Toluene*	<0.050	0.050	12/21/2024	ND	2.11	106	2.00	0.303		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.11	105	2.00	0.684		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.33	106	6.00	0.738		
Total BTEX	<0.300	0.300	12/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	238	119	200	0.375	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	223	112	200	0.408	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 348 8' (H247713-59)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.11	105	2.00	1.21		
Toluene*	<0.050	0.050	12/21/2024	ND	2.11	106	2.00	0.303		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.11	105	2.00	0.684		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.33	106	6.00	0.738		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	238	119	200	0.375	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	223	112	200	0.408	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 349 8' (H247713-60)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.11	105	2.00	1.21		
Toluene*	<0.050	0.050	12/21/2024	ND	2.11	106	2.00	0.303		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.11	105	2.00	0.684		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.33	106	6.00	0.738		
Total BTEx	<0.300	0.300	12/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	238	119	200	0.375	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	223	112	200	0.408	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 350 8' (H247713-61)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	2.20	110	2.00	1.47	
Toluene*	<0.050	0.050	12/20/2024	ND	2.08	104	2.00	1.12	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.09	104	2.00	0.774	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	6.28	105	6.00	0.863	
Total BTEX	<0.300	0.300	12/20/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	232	116	200	0.0388	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	212	106	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 73.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 351 8' (H247713-62)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.20	110	2.00	1.47		
Toluene*	<0.050	0.050	12/21/2024	ND	2.08	104	2.00	1.12		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.09	104	2.00	0.774		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.28	105	6.00	0.863		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	232	116	200	0.0388	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	212	106	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 77.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 352 8' (H247713-63)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.20	110	2.00	1.47		
Toluene*	<0.050	0.050	12/21/2024	ND	2.08	104	2.00	1.12		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.09	104	2.00	0.774		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.28	105	6.00	0.863		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	232	116	200	0.0388	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	212	106	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.7 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 353 8' (H247713-64)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.20	110	2.00	1.47		
Toluene*	<0.050	0.050	12/21/2024	ND	2.08	104	2.00	1.12		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.09	104	2.00	0.774		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.28	105	6.00	0.863		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	232	116	200	0.0388	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	212	106	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.6 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 354 8' (H247713-65)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.20	110	2.00	1.47		
Toluene*	<0.050	0.050	12/21/2024	ND	2.08	104	2.00	1.12		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.09	104	2.00	0.774		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.28	105	6.00	0.863		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	232	116	200	0.0388	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	212	106	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 355 8' (H247713-66)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.20	110	2.00	1.47		
Toluene*	<0.050	0.050	12/21/2024	ND	2.08	104	2.00	1.12		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.09	104	2.00	0.774		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.28	105	6.00	0.863		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	232	116	200	0.0388	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	212	106	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 356 8' (H247713-67)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.20	110	2.00	1.47		
Toluene*	<0.050	0.050	12/21/2024	ND	2.08	104	2.00	1.12		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.09	104	2.00	0.774		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.28	105	6.00	0.863		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	232	116	200	0.0388	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	212	106	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 357 8' (H247713-68)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.20	110	2.00	1.47		
Toluene*	<0.050	0.050	12/21/2024	ND	2.08	104	2.00	1.12		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.09	104	2.00	0.774		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.28	105	6.00	0.863		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	232	116	200	0.0388	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	212	106	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 358 8' (H247713-69)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.20	110	2.00	1.47		
Toluene*	<0.050	0.050	12/21/2024	ND	2.08	104	2.00	1.12		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.09	104	2.00	0.774		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.28	105	6.00	0.863		
Total BTEx	<0.300	0.300	12/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	12/23/2024	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	232	116	200	0.0388	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	212	106	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 359 8' (H247713-70)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.20	110	2.00	1.47		
Toluene*	<0.050	0.050	12/21/2024	ND	2.08	104	2.00	1.12		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.09	104	2.00	0.774		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.28	105	6.00	0.863		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	232	116	200	0.0388	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	212	106	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 76.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 360 8' (H247713-71)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.20	110	2.00	1.47		
Toluene*	<0.050	0.050	12/21/2024	ND	2.08	104	2.00	1.12		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.09	104	2.00	0.774		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.28	105	6.00	0.863		
Total BTEX	<0.300	0.300	12/21/2024	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	16.0	16.0	12/23/2024	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	232	116	200	0.0388	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	212	106	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 361 8' (H247713-72)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.20	110	2.00	1.47		
Toluene*	<0.050	0.050	12/21/2024	ND	2.08	104	2.00	1.12		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.09	104	2.00	0.774		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.28	105	6.00	0.863		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	232	116	200	0.0388	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	212	106	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 362 8' (H247713-73)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.20	110	2.00	1.47		
Toluene*	<0.050	0.050	12/21/2024	ND	2.08	104	2.00	1.12		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.09	104	2.00	0.774		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.28	105	6.00	0.863		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	232	116	200	0.0388	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	212	106	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 363 8' (H247713-74)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.20	110	2.00	1.47		
Toluene*	<0.050	0.050	12/21/2024	ND	2.08	104	2.00	1.12		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.09	104	2.00	0.774		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.28	105	6.00	0.863		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	232	116	200	0.0388	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	212	106	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 72.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 364 8' (H247713-75)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.20	110	2.00	1.47		
Toluene*	<0.050	0.050	12/21/2024	ND	2.08	104	2.00	1.12		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.09	104	2.00	0.774		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.28	105	6.00	0.863		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	232	116	200	0.0388	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	212	106	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 79.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 365 8' (H247713-76)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.20	110	2.00	1.47		
Toluene*	<0.050	0.050	12/21/2024	ND	2.08	104	2.00	1.12		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.09	104	2.00	0.774		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.28	105	6.00	0.863		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	232	116	200	0.0388	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	212	106	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 72.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 366 8' (H247713-77)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.20	110	2.00	1.47		
Toluene*	<0.050	0.050	12/21/2024	ND	2.08	104	2.00	1.12		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.09	104	2.00	0.774		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.28	105	6.00	0.863		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	232	116	200	0.0388	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	212	106	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 367 8' (H247713-78)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.20	110	2.00	1.47		
Toluene*	<0.050	0.050	12/21/2024	ND	2.08	104	2.00	1.12		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.09	104	2.00	0.774		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.28	105	6.00	0.863		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	232	116	200	0.0388	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	212	106	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 368 8' (H247713-79)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.20	110	2.00	1.47		
Toluene*	<0.050	0.050	12/21/2024	ND	2.08	104	2.00	1.12		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.09	104	2.00	0.774		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.28	105	6.00	0.863		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	232	116	200	0.0388	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	212	106	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 369 8' (H247713-80)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2024	ND	2.20	110	2.00	1.47	
Toluene*	<0.050	0.050	12/21/2024	ND	2.08	104	2.00	1.12	
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.09	104	2.00	0.774	
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.28	105	6.00	0.863	
Total BTEX	<0.300	0.300	12/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/23/2024	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	232	116	200	0.0388	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	212	106	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 370 8' (H247713-81)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.37	118	2.00	0.961		
Toluene*	<0.050	0.050	12/21/2024	ND	2.25	113	2.00	2.38		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.39	119	2.00	3.88		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	7.24	121	6.00	3.18		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	197	98.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	196	97.8	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 58.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 57.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 371 8' (H247713-82)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.37	118	2.00	0.961		
Toluene*	<0.050	0.050	12/21/2024	ND	2.25	113	2.00	2.38		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.39	119	2.00	3.88		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	7.24	121	6.00	3.18		
Total BTEX	<0.300	0.300	12/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	197	98.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	196	97.8	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 66.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 372 8' (H247713-83)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.37	118	2.00	0.961		
Toluene*	<0.050	0.050	12/21/2024	ND	2.25	113	2.00	2.38		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.39	119	2.00	3.88		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	7.24	121	6.00	3.18		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	197	98.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	196	97.8	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 75.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.0 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 373 8' (H247713-84)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.37	118	2.00	0.961		
Toluene*	<0.050	0.050	12/21/2024	ND	2.25	113	2.00	2.38		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.39	119	2.00	3.88		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	7.24	121	6.00	3.18		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	197	98.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	196	97.8	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 79.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 374 8' (H247713-85)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.37	118	2.00	0.961		
Toluene*	<0.050	0.050	12/21/2024	ND	2.25	113	2.00	2.38		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.39	119	2.00	3.88		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	7.24	121	6.00	3.18		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	197	98.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	196	97.8	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 74.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 375 8' (H247713-86)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.37	118	2.00	0.961		
Toluene*	<0.050	0.050	12/21/2024	ND	2.25	113	2.00	2.38		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.39	119	2.00	3.88		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	7.24	121	6.00	3.18		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	197	98.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	196	97.8	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 75.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 376 8' (H247713-87)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2024	ND	2.37	118	2.00	0.961	
Toluene*	<0.050	0.050	12/21/2024	ND	2.25	113	2.00	2.38	
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.39	119	2.00	3.88	
Total Xylenes*	<0.150	0.150	12/21/2024	ND	7.24	121	6.00	3.18	
Total BTEx	<0.300	0.300	12/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	12/23/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	197	98.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	196	97.8	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 68.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.4 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 377 8' (H247713-88)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.37	118	2.00	0.961		
Toluene*	<0.050	0.050	12/21/2024	ND	2.25	113	2.00	2.38		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.39	119	2.00	3.88		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	7.24	121	6.00	3.18		
Total BTEx	<0.300	0.300	12/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	12/23/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	197	98.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	196	97.8	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: NONE GIVEN
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 378 8' (H247713-89)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2024	ND	2.37	118	2.00	0.961	
Toluene*	<0.050	0.050	12/21/2024	ND	2.25	113	2.00	2.38	
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.39	119	2.00	3.88	
Total Xylenes*	<0.150	0.150	12/21/2024	ND	7.24	121	6.00	3.18	
Total BTEX	<0.300	0.300	12/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/23/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	197	98.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	196	97.8	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 75.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 379 8' (H247713-90)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.37	118	2.00	0.961		
Toluene*	<0.050	0.050	12/21/2024	ND	2.25	113	2.00	2.38		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.39	119	2.00	3.88		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	7.24	121	6.00	3.18		
Total BTEX	<0.300	0.300	12/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	197	98.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	196	97.8	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 76.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

S-05	The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas					
Address: 4024 Plains Hwy		Attn: Greg Boans					
City: Lovington	State: NM	Zip: 88260					
Phone #: 575 393-3386	Fax #:	Address: 5325 Sierra Vista					
Project #:	Project Owner: Murchison Oil & Gas	City: Carlsbad					
Project Name: Ogden State #4		State: NM	Zip: 88230				
Project Location: UL/P Sec 2 T2S5 - R26E		Phone #: 575 706-0667					
Sampler Name: Jerry, Hector, Shawn, Toby		Fax #:					

Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021	
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :						
1	FL290	8'	C	1	X											
2	FL291	8'	C	1	X											
3	FL292	8'	C	1	X											
4	FL293	8'	C	1	X											
5	FL294	8'	C	1	X											
6	FL295	8'	C	1	X											
7	FL296	8'	C	1	X											
8	FL297	8'	C	1	X											
9	FL298	8'	C	1	X											
10	FL299	8'	C	1	X											

Reinquisitioned By: [Signature]	Date: 12-20-24	Received By: [Signature]	Date: 12-20-24
Delivered By: (Circle One) <u>AF-0.65 #140</u>	Sample Condition	CHECKED BY: [Signature]	
Sampler - UPS - Bus - Other: <u>2.7/2.1</u>	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		
	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		

REMARKS:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Email results to: <u>pm@hungry-horse.com</u>		
<u>48 hr RUSH</u>		
<u>gboans@jdmii.com</u>		



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO		ANALYSIS REQUEST									
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas													
Address: 4024 Plains Hwy		Attn: Greg Boans													
City: Lovington	State: NM	Zip: 88260	Address: 5325 Sierra Vista												
Phone #: 575 393-3386	Fax #:	City: Carlsbad													
Project #:	Project Owner: Murchison Oil & Gas	State: NM		Zip: 88230											
Project Name: Ogden State #4		Phone #: 575 706-0667													
Project Location: UL/P Sec 2 T25S - R26E		Fax #:													
Sampler Name: Jerry, Hector, Sham, Toby															
FOR LAB USE ONLY															
Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX			PRESERV.	SAMPLING						
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE :	ICE / COOL	OTHER :		
11	FL300	8'	C	1	X										
12	FL301	8'	C	1	X										
13	FL302	8'	C	1	X										
14	FL303	8'	C	1	X										
15	FL304	8'	C	1	X										
16	FL305	8'	C	1	X										
17	FL306	8'	C	1	X										
18	FL307	8'	C	1	X										
19	FL308	8'	C	1	X										
20	FL309	8'	C	1	X										
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Relinquished By: <i>[Signature]</i> Date: 12-20-24 Received By: <i>[Signature]</i> Date: 12-20-24															
Relinquished By: <i>[Signature]</i> Date: 12-20-24 Received By: <i>[Signature]</i> Date: 12-20-24															
Delivered By: (Circle One) <i>CF-0.66 #140</i> Sample Condition <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: <i>[Signature]</i>															
Sampler - UPS - Bus - Other: <i>2.74 2.12</i> <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No															
† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476															
REMARKS: <i>48 hr RUSH</i>															
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:															
Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:															
Email results to: pm@hungry-horse.com gboans@jdmii.com															



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO		ANALYSIS REQUEST									
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas													
Address: 4024 Plains Hwy		Attn: Greg Boans													
City: Lovington	State: NM	Zip: 88260	Address: 5325 Sierra Vista												
Phone #: 575 393-3386	Fax #:	City: Carlsbad													
Project #:	Project Owner: Murchison Oil & Gas	State: NM		Zip: 88230											
Project Name: Ogden State #4	City: Carlsbad														
Project Location: UL/ P Sec 2 T25S - R26E	Phone #: 575 706-0667														
Sampler Name: Jerry, Hector, Shawn, Toby	Fax #:														

Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX 8021	
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:						ICE / COOL
21	FL310	8'	C	1	X								12/20/24	824	X	X	X
22	FL311	8'	C	1	X								12/20/24	825	X	X	X
23	FL312	8'	C	1	X								12/20/24	826	X	X	X
24	FL313	8'	C	1	X								12/20/24	827	X	X	X
25	FL314	8'	C	1	X								12/20/24	828	X	X	X
26	FL315	8'	C	1	X								12/20/24	829	X	X	X
27	FL316	8'	C	1	X								12/20/24	830	X	X	X
28	FL317	8'	C	1	X								12/20/24	831	X	X	X
29	FL318	8'	C	1	X								12/20/24	832	X	X	X
30	FL319	8'	C	1	X								12/20/24	833	X	X	X

Relinquished By: [Signature]	Date: 12-20-24	Time: 4:00	Received By: [Signature]	Date: 12-20-24	Time: 4:00
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 27-12-12	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: (Initials) [Signature]	REMARKS: 48 hr RUSH		
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:			Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Fax #:		
Email results to: pm@hungry-horse.com			gboans@idmii.com		



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC

Project Manager: Daniel Dominguez

Address: 4024 Plains Hwy

City: Lovington

Phone #: 575 393-3386

Project #:

Project Name: Ogden State #4

Project Location: UL/P Sec 2 T25S - R26E

Sampler Name: Jerry, Hector, Shawn, Toby

BILL TO

P.O. #: Company Murchison Oil & Gas

Attn: Greg Boans

Address: 5325 Sierra Vista

City: Carlsbad

State: NM Zip: 88230

Phone #: 575 706-0667

ANALYSIS REQUEST

City: Lovington		State: NM		Zip: 88260		Company: Murchison Oil & Gas																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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Project Name: Ogden State #4		State: NM		Zip: 88230																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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PLEASE NOTE: Liability and Damages. Cardinal's liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, 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: 12-20-24

Received By:

Time: 1400

Phone Result: ☐ Yes ☐ No

Fax Result: ☐ Yes ☐ No

REMARKS: 48 hr RUSH

Email results to: pm@hungry-horse.com
gboans@dmil.com

Delivered By: (Circle One)

UPS - Bus - Other:

Sample Condition

Intact

CHECKED BY: (Initials)

Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

Released by Imaging: 2/5/2025 11:36:25 AM



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO		ANALYSIS REQUEST																									
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas		Attn: Greg Boans																											
Address: 4024 Plains Hwy		City: Lovington		State: NM		Zip: 88260		Address: 5325 Sierra Vista		City: Carlsbad		State: NM		Zip: 88230																	
Phone #: 575 393-3386		Fax #:		Project Owner: Murchison Oil & Gas		Project Name: Ogden State #4		Project Location: ULP Sec 2 T25S - R26E		Sample Name: Jerry, Hector, Shawn, Toby		FOR LAB USE ONLY																			
Lab I.D.		Sample I.D.		Depth		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING																	
41		FL330		8'		C		1		X		X		12/20/24		844		X		X											
42		FL331		8'		C		1		X		X		12/20/24		845		X		X											
43		FL332		8'		C		1		X		X		12/20/24		846		X		X											
44		FL333		8'		C		1		X		X		12/20/24		847		X		X											
45		FL334		8'		C		1		X		X		12/20/24		848		X		X											
46		FL335		8'		C		1		X		X		12/20/24		849		X		X											
47		FL336		8'		C		1		X		X		12/20/24		850		X		X											
48		FL337		8'		C		1		X		X		12/20/24		851		X		X											
49		FL338		8'		C		1		X		X		12/20/24		852		X		X											
50		FL339		8'		C		1		X		X		12/20/24		853		X		X											
<small>PLEASE NOTE: Liability and Damages. Cardinal's liability and clients' exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the service. 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.</small>																															
Relinquished By:		Date: 12-20-24		Received By:		Date: 12-20-24		Time: 1400		Received By:		Date:		Time:		REMARKS:															
Relinquished By:				Received By:												48 hr RUSH															
Delivered By: (Circle One)		CF-0.66 #140		Sample Condition		CHECKED BY:		Time:		Time:		Time:		Time:																	
Sampler - UPS - Bus - Other:		271/212		Cool		Intact		Yes		Yes		Yes		Yes																	
Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476																															



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO																			
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas		ANALYSIS REQUEST																			
Address: 4024 Plains Hwy		Attn: Greg Boans																					
City: Lovington	State: NM	Zip: 88260																					
Phone #: 575 393-3386	Fax #:																						
Project #:	Project Owner: Murchison Oil & Gas																						
Project Name: Ogden State #4		City: Carlsbad																					
Project Location: U/L P Sec 2 T25S - R26E		State: NM	Zip: 88230																				
Sampler Name: Jerry, Hector, Shawn, Toby		Phone #: 575 706-0667																					
FOR LAB USE ONLY		Fax #:																					
Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING													
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :										
51	FL340	8'	C	1	X									DATE	TIME	Chloride	TPH	BTEX 8021					
52	FL341	8'	C	1	X									12/20/24	854	X	X	X					
53	FL342	8'	C	1	X									12/20/24	855	X	X	X					
54	FL343	8'	C	1	X									12/20/24	856	X	X	X					
55	FL344	8'	C	1	X									12/20/24	857	X	X	X					
56	FL345	8'	C	1	X									12/20/24	858	X	X	X					
57	FL346	8'	C	1	X									12/20/24	859	X	X	X					
58	FL347	8'	C	1	X									12/20/24	900	X	X	X					
59	FL348	8'	C	1	X									12/20/24	901	X	X	X					
60	FL349	8'	C	1	X									12/20/24	902	X	X	X					
														12/20/24	903	X	X	X					

PLEASE NOTE: Liability and damages. Cardinal's liability and clients 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 interruption, 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.

Reinquinshed By: [Signature]	Date: 12-20-24	Received By: [Signature]	Date: 12-20-24
Reinquinshed By: [Signature]	Date: 12-20-24	Received By: [Signature]	Date: 12-20-24

Delivered By: (Circle One) **CF-O, 6th #140** **Sample Condition** ☒ Intact ☐ Cool ☐ Yes ☐ No ☐ No **CHECKED BY:** [Signature] (Initials)

Sampler - UPS - Bus - Other: **2.76/2.1c** ☐ No ☐ No

REMARKS: **48 hr RUSH**

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

Fax Result: ☐ Yes ☐ No **Add'l Fax #:**

Email results to: **pm@hungry-horse.com** **gboans@idmii.com**



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO										ANALYSIS REQUEST														
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas																										
Address: 4024 Plains Hwy		Attn: Greg Boans																										
City: Lovington	State: NM	Zip: 88260	Address: 5325 Sierra Vista																									
Phone #: 575 393-3386	Fax #:	City: Carlsbad																										
Project #:	Project Owner: Murchison Oil & Gas	State: NM		Zip: 88230																								
Project Name: Ogden State #4		Phone #: 575 706-0667																										
Project Location: UL/ P Sec 2 T25S - R26E		Fax #:																										
Sampler Name: Jerry, Hector, Shawn, Toby																												
FOR LAB USE ONLY																												
Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING																		
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :															
H247713																												
61	FL350	8'	C	1	X									DATE	TIME	Chloride	TPH	BTEX 8021										
62	FL351	8'	C	1	X									12/20/24	904	X	X	X										
63	FL352	8'	C	1	X									12/20/24	905	X	X	X										
64	FL353	8'	C	1	X									12/20/24	906	X	X	X										
65	FL354	8'	C	1	X									12/20/24	907	X	X	X										
66	FL355	8'	C	1	X									12/20/24	908	X	X	X										
67	FL356	8'	C	1	X									12/20/24	909	X	X	X										
68	FL357	8'	C	1	X									12/20/24	910	X	X	X										
69	FL358	8'	C	1	X									12/20/24	911	X	X	X										
70	FL359	8'	C	1	X									12/20/24	912	X	X	X										
														12/20/24	913	X	X	X										
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Relinquished By:		Date: 12-20-24	Time: 1400	Received By:																								
Relinquished By:		Date:	Time:	Received By:																								
Delivered By: (Circle One) CE-Obi #140		Sample Condition:		CHECKED BY:																								
Sampler - UPS - Bus - Other: 2.71/2.11		<input checked="" type="checkbox"/> Cool	<input checked="" type="checkbox"/> Intact	(Initials)																								
		<input type="checkbox"/> Yes	<input type="checkbox"/> No																									
REMARKS: 48 hr RUSH																												
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:																												
Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:																												
Email results to: pm@hungry-horse.com gboans@jdmii.com																												



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO										ANALYSIS REQUEST																																	
Project Manager: Daniel Dominguez				Company: Murchison Oil & Gas																																											
Address: 4024 Plains Hwy				Attn: Greg Boans																																											
City: Lovington		State: NM		Zip: 88260																																											
Phone #: 575 393-3386		Fax #:		Address: 5325 Sierra Vista																																											
Project #:		Project Owner: Murchison Oil & Gas		City: Carlsbad																																											
Project Name: Ogden State #4		State: NM		Zip: 88230																																											
Project Location: U/L P Sec 2 T25S - R26E		Phone #: 575 706-0667																																													
Sampler Name: Jerry, Hector, Shawn, Toby		Fax #:																																													
FOR LAB USE ONLY																																															
Lab I.D.		Sample I.D.		Depth		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		Chloride		TPH		BTEX 8021											
71		FL360		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/20/24		914		X		X		X											
72		FL361		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/20/24		915		X		X		X											
73		FL362		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/20/24		916		X		X		X											
74		FL363		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/20/24		917		X		X		X											
75		FL364		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/20/24		918		X		X		X											
76		FL365		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/20/24		919		X		X		X											
77		FL366		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/20/24		920		X		X		X											
78		FL367		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/20/24		921		X		X		X											
79		FL368		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/20/24		922		X		X		X											
80		FL369		8'		C 1		X		X		X		X		X		X		X		X		X		X		12/20/24		923		X		X		X											
PLEASE NOTE: Liability and damages. Cardinal's liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. 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 relating 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: [Signature]		Date: 12-20-24		Time: 1400		Received By: [Signature]		Date: 12-20-24		Time: 1400		Sample Condition: Cool Intact Yes [X] No []		CHECKED BY: (Initials) [Signature]		REMARKS: 48 hr RUSH																															
Delivered By: (Circle One) [Signature]		Date: 12-20-24		Time: 1400		Received By: [Signature]		Date: 12-20-24		Time: 1400		Sample Condition: Cool Intact Yes [X] No []		CHECKED BY: (Initials) [Signature]		REMARKS: 48 hr RUSH																															
Sampler - UPS - Bus - Other: 2-7-2/2-1-2		Date: 12-20-24		Time: 1400		Received By: [Signature]		Date: 12-20-24		Time: 1400		Sample Condition: Cool Intact Yes [X] No []		CHECKED BY: (Initials) [Signature]		REMARKS: 48 hr RUSH																															
† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476																																															



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO		ANALYSIS REQUEST									
Project Manager: Daniel Dominguez				Company: Murchison Oil & Gas											
Address: 4024 Plains Hwy				Attn: Greg Brans											
City: Lovington	State: NM	Zip: 88260	Address: 5325 Sierra Vista												
Phone #: 575 393-3386	Fax #:	City: Carlsbad													
Project #:	Project Owner: Murchison Oil & Gas	State: NM			Zip: 88230										
Project Name: Ogden State #4		Phone #: 575 706-0667													
Project Location: U/L P Sec 2 T25S - R26E		Fax #:													
Sampler Name: Jerry, Hector, Shawn, Toby															
<small>FOR LAB USE ONLY</small>															
Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING				
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :		
FL370	8'	C	1	X											
FL371	8'	C	1	X											
FL372	8'	C	1	X											
FL373	8'	C	1	X											
FL374	8'	C	1	X											
FL375	8'	C	1	X											
FL376	8'	C	1	X											
FL377	8'	C	1	X											
FL378	8'	C	1	X											
FL379	8'	C	1	X											
<small>PLEASE NOTE: Liability and claims are limited to the amount paid by the client for the analyses. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, 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.</small>															
Reinducted By:		Date: 12-20-24	Received By:												
Reinducted By:		Date: 12-20-24	Received By:												
Delivered By: (Circle One) CF-066 #140		Sample Condition		CHECKED BY:											
Sampler - UPS - Bus - Other: 8.7cl 2.1c		Cool Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		(Initials)											
<small>† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476</small>															
REMARKS:															
Email results to: pm@hungry-horse.com gboans@jdmii.com															
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:															
Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:															



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

December 26, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: OGDEN STATE 4

Enclosed are the results of analyses for samples received by the laboratory on 12/20/24 14:06.

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.

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 fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 380 8' (H247714-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2024	ND	2.37	118	2.00	0.961	
Toluene*	<0.050	0.050	12/21/2024	ND	2.25	113	2.00	2.38	
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.39	119	2.00	3.88	
Total Xylenes*	<0.150	0.150	12/21/2024	ND	7.24	121	6.00	3.18	
Total BTX	<0.300	0.300	12/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	197	98.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	196	97.8	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 66.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 381 8' (H247714-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2024	ND	2.37	118	2.00	0.961	
Toluene*	<0.050	0.050	12/21/2024	ND	2.25	113	2.00	2.38	
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.39	119	2.00	3.88	
Total Xylenes*	<0.150	0.150	12/21/2024	ND	7.24	121	6.00	3.18	
Total BTEX	<0.300	0.300	12/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	197	98.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	196	97.8	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 65.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 382 8' (H247714-03)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2024	ND	2.37	118	2.00	0.961	
Toluene*	<0.050	0.050	12/21/2024	ND	2.25	113	2.00	2.38	
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.39	119	2.00	3.88	
Total Xylenes*	<0.150	0.150	12/21/2024	ND	7.24	121	6.00	3.18	
Total BTEX	<0.300	0.300	12/21/2024	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	16.0	16.0	12/23/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	197	98.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	196	97.8	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 74.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 383 8' (H247714-04)

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	12/21/2024	ND	2.37	118	2.00	0.961		
Toluene*	<0.050	0.050	12/21/2024	ND	2.25	113	2.00	2.38		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.39	119	2.00	3.88		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	7.24	121	6.00	3.18		
Total BTEx	<0.300	0.300	12/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	197	98.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	196	97.8	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 76.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 384 8' (H247714-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.37	118	2.00	0.961		
Toluene*	<0.050	0.050	12/21/2024	ND	2.25	113	2.00	2.38		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.39	119	2.00	3.88		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	7.24	121	6.00	3.18		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	197	98.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	196	97.8	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 69.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 385 8' (H247714-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.37	118	2.00	0.961		
Toluene*	<0.050	0.050	12/21/2024	ND	2.25	113	2.00	2.38		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.39	119	2.00	3.88		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	7.24	121	6.00	3.18		
Total BTEX	<0.300	0.300	12/21/2024	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	32.0	16.0	12/23/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2024	ND	197	98.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	12/20/2024	ND	196	97.8	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	12/20/2024	ND					

Surrogate: 1-Chlorooctane 76.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 386 8' (H247714-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.37	118	2.00	0.961		
Toluene*	<0.050	0.050	12/21/2024	ND	2.25	113	2.00	2.38		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.39	119	2.00	3.88		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	7.24	121	6.00	3.18		
Total BTEX	<0.300	0.300	12/21/2024	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	<16.0	16.0	12/23/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	197	98.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	196	97.8	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 69.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 387 8' (H247714-08)

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	12/21/2024	ND	2.37	118	2.00	0.961		
Toluene*	<0.050	0.050	12/21/2024	ND	2.25	113	2.00	2.38		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.39	119	2.00	3.88		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	7.24	121	6.00	3.18		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	197	98.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	196	97.8	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 75.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 388 8' (H247714-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.37	118	2.00	0.961		
Toluene*	<0.050	0.050	12/21/2024	ND	2.25	113	2.00	2.38		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.39	119	2.00	3.88		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	7.24	121	6.00	3.18		
Total BTEX	<0.300	0.300	12/21/2024	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	<16.0	16.0	12/23/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	197	98.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	196	97.8	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 70.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 389 8' (H247714-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.37	118	2.00	0.961		
Toluene*	<0.050	0.050	12/21/2024	ND	2.25	113	2.00	2.38		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.39	119	2.00	3.88		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	7.24	121	6.00	3.18		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	197	98.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	196	97.8	200	0.423	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 80.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 390 8' (H247714-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.00	100	2.00	1.66		
Toluene*	<0.050	0.050	12/20/2024	ND	2.09	105	2.00	1.61		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.02	101	2.00	1.49		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.95	99.2	6.00	1.24		
Total BTEX	<0.300	0.300	12/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	200	100	200	4.11	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	177	88.6	200	12.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 391 8' (H247714-12)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.00	100	2.00	1.66		
Toluene*	<0.050	0.050	12/20/2024	ND	2.09	105	2.00	1.61		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.02	101	2.00	1.49		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.95	99.2	6.00	1.24		
Total BTEX	<0.300	0.300	12/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	200	100	200	4.11	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	177	88.6	200	12.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 77.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 392 8' (H247714-13)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	2.00	100	2.00	1.66	
Toluene*	<0.050	0.050	12/20/2024	ND	2.09	105	2.00	1.61	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.02	101	2.00	1.49	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.95	99.2	6.00	1.24	
Total BTEX	<0.300	0.300	12/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/23/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	200	100	200	4.11	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	177	88.6	200	12.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 393 8' (H247714-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.00	100	2.00	1.66		
Toluene*	<0.050	0.050	12/20/2024	ND	2.09	105	2.00	1.61		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.02	101	2.00	1.49		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.95	99.2	6.00	1.24		
Total BTEX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	200	100	200	4.11	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	177	88.6	200	12.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 394 8' (H247714-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.00	100	2.00	1.66		
Toluene*	<0.050	0.050	12/20/2024	ND	2.09	105	2.00	1.61		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.02	101	2.00	1.49		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.95	99.2	6.00	1.24		
Total BTEX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	200	100	200	4.11	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	177	88.6	200	12.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 395 10' (H247714-16)

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	12/20/2024	ND	2.00	100	2.00	1.66		
Toluene*	<0.050	0.050	12/20/2024	ND	2.09	105	2.00	1.61		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.02	101	2.00	1.49		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.95	99.2	6.00	1.24		
Total BTEX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	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	12/21/2024	ND	200	100	200	4.11	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	177	88.6	200	12.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 396 10' (H247714-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.00	100	2.00	1.66		
Toluene*	<0.050	0.050	12/20/2024	ND	2.09	105	2.00	1.61		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.02	101	2.00	1.49		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.95	99.2	6.00	1.24		
Total BTEX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	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	12/21/2024	ND	200	100	200	4.11	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	177	88.6	200	12.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 397 10' (H247714-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.00	100	2.00	1.66		
Toluene*	<0.050	0.050	12/20/2024	ND	2.09	105	2.00	1.61		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.02	101	2.00	1.49		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.95	99.2	6.00	1.24		
Total BTEX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	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	12/21/2024	ND	200	100	200	4.11	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	177	88.6	200	12.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 398 10' (H247714-19)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.00	100	2.00	1.66		
Toluene*	<0.050	0.050	12/20/2024	ND	2.09	105	2.00	1.61		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.02	101	2.00	1.49		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.95	99.2	6.00	1.24		
Total BTX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 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	12/23/2024	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	12/21/2024	ND	200	100	200	4.11	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	177	88.6	200	12.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 399 10' (H247714-20)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.00	100	2.00	1.66		
Toluene*	<0.050	0.050	12/20/2024	ND	2.09	105	2.00	1.61		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.02	101	2.00	1.49		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.95	99.2	6.00	1.24		
Total BTEX	<0.300	0.300	12/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	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	12/21/2024	ND	200	100	200	4.11	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	177	88.6	200	12.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 400 10' (H247714-21)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	2.00	100	2.00	1.66	
Toluene*	<0.050	0.050	12/20/2024	ND	2.09	105	2.00	1.61	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.02	101	2.00	1.49	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.95	99.2	6.00	1.24	
Total BTEX	<0.300	0.300	12/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/23/2024	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	12/21/2024	ND	200	100	200	4.11	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	177	88.6	200	12.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 401 10' (H247714-22)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	2.00	100	2.00	1.66		
Toluene*	<0.050	0.050	12/20/2024	ND	2.09	105	2.00	1.61		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	2.02	101	2.00	1.49		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.95	99.2	6.00	1.24		
Total BTX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	12/23/2024	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	12/21/2024	ND	200	100	200	4.11	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	177	88.6	200	12.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 402 10' (H247714-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.00	100	2.00	1.66		
Toluene*	<0.050	0.050	12/21/2024	ND	2.09	105	2.00	1.61		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.02	101	2.00	1.49		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	5.95	99.2	6.00	1.24		
Total BTEx	<0.300	0.300	12/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 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	12/23/2024	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	12/21/2024	ND	200	100	200	4.11	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	177	88.6	200	12.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 403 10' (H247714-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.00	100	2.00	1.66		
Toluene*	<0.050	0.050	12/21/2024	ND	2.09	105	2.00	1.61		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.02	101	2.00	1.49		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	5.95	99.2	6.00	1.24		
Total BTEX	<0.300	0.300	12/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	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	12/21/2024	ND	200	100	200	4.11	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	177	88.6	200	12.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 404 10' (H247714-25)

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	12/21/2024	ND	2.00	100	2.00	1.66		
Toluene*	<0.050	0.050	12/21/2024	ND	2.09	105	2.00	1.61		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.02	101	2.00	1.49		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	5.95	99.2	6.00	1.24		
Total BTEx	<0.300	0.300	12/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 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	12/23/2024	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	12/21/2024	ND	200	100	200	4.11	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	177	88.6	200	12.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 405 10' (H247714-26)

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	12/21/2024	ND	2.00	100	2.00	1.66		
Toluene*	<0.050	0.050	12/21/2024	ND	2.09	105	2.00	1.61		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.02	101	2.00	1.49		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	5.95	99.2	6.00	1.24		
Total BTEx	<0.300	0.300	12/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	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	12/21/2024	ND	200	100	200	4.11	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	177	88.6	200	12.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 406 10' (H247714-27)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.00	100	2.00	1.66		
Toluene*	<0.050	0.050	12/21/2024	ND	2.09	105	2.00	1.61		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.02	101	2.00	1.49		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	5.95	99.2	6.00	1.24		
Total BTX	<0.300	0.300	12/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	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	12/21/2024	ND	200	100	200	4.11	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	177	88.6	200	12.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 407 10' (H247714-28)

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	12/21/2024	ND	2.00	100	2.00	1.66		
Toluene*	<0.050	0.050	12/21/2024	ND	2.09	105	2.00	1.61		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.02	101	2.00	1.49		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	5.95	99.2	6.00	1.24		
Total BTEX	<0.300	0.300	12/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	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	12/21/2024	ND	200	100	200	4.11	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	177	88.6	200	12.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 408 10' (H247714-29)

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	12/21/2024	ND	2.00	100	2.00	1.66		
Toluene*	<0.050	0.050	12/21/2024	ND	2.09	105	2.00	1.61		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.02	101	2.00	1.49		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	5.95	99.2	6.00	1.24		
Total BTEx	<0.300	0.300	12/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	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	12/26/2024	ND	200	100	200	4.11	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	177	88.6	200	12.9	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 64.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 409 10' (H247714-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.00	100	2.00	1.66		
Toluene*	<0.050	0.050	12/21/2024	ND	2.09	105	2.00	1.61		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.02	101	2.00	1.49		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	5.95	99.2	6.00	1.24		
Total BTEX	<0.300	0.300	12/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	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	12/21/2024	ND	200	100	200	4.11	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	177	88.6	200	12.9	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 410 10' (H247714-31)

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	12/21/2024	ND	2.24	112	2.00	5.58	
Toluene*	<0.050	0.050	12/21/2024	ND	2.22	111	2.00	5.79	
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.12	106	2.00	5.55	
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.70	112	6.00	4.59	
Total BTEX	<0.300	0.300	12/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	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	12/21/2024	ND	219	109	200	4.05	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	207	103	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 68.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 411 10' (H247714-32)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2024	ND	2.24	112	2.00	5.58	
Toluene*	<0.050	0.050	12/21/2024	ND	2.22	111	2.00	5.79	
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.12	106	2.00	5.55	
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.70	112	6.00	4.59	
Total BTX	<0.300	0.300	12/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	12/23/2024	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	12/21/2024	ND	219	109	200	4.05	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	207	103	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 73.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 412 10' (H247714-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.24	112	2.00	5.58		
Toluene*	<0.050	0.050	12/21/2024	ND	2.22	111	2.00	5.79		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.12	106	2.00	5.55		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.70	112	6.00	4.59		
Total BTEx	<0.300	0.300	12/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	12/23/2024	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	12/21/2024	ND	219	109	200	4.05	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	207	103	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 413 10' (H247714-34)

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	12/21/2024	ND	2.24	112	2.00	5.58		
Toluene*	<0.050	0.050	12/21/2024	ND	2.22	111	2.00	5.79		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.12	106	2.00	5.55		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.70	112	6.00	4.59		
Total BTEx	<0.300	0.300	12/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	12/23/2024	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	12/21/2024	ND	219	109	200	4.05	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	207	103	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 414 10' (H247714-35)

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	12/21/2024	ND	2.24	112	2.00	5.58	
Toluene*	<0.050	0.050	12/21/2024	ND	2.22	111	2.00	5.79	
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.12	106	2.00	5.55	
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.70	112	6.00	4.59	
Total BTEX	<0.300	0.300	12/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/23/2024	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	12/21/2024	ND	219	109	200	4.05	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	207	103	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 76.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 415 10' (H247714-36)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2024	ND	2.24	112	2.00	5.58	
Toluene*	<0.050	0.050	12/21/2024	ND	2.22	111	2.00	5.79	
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.12	106	2.00	5.55	
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.70	112	6.00	4.59	
Total BTEx	<0.300	0.300	12/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	219	109	200	4.05	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	207	103	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 74.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 416 10' (H247714-37)

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	12/21/2024	ND	2.24	112	2.00	5.58	
Toluene*	<0.050	0.050	12/21/2024	ND	2.22	111	2.00	5.79	
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.12	106	2.00	5.55	
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.70	112	6.00	4.59	
Total BTEX	<0.300	0.300	12/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	219	109	200	4.05	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	207	103	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 417 10' (H247714-38)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2024	ND	2.24	112	2.00	5.58	
Toluene*	<0.050	0.050	12/21/2024	ND	2.22	111	2.00	5.79	
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.12	106	2.00	5.55	
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.70	112	6.00	4.59	
Total BTX	<0.300	0.300	12/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	219	109	200	4.05	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	207	103	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 76.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 418 10' (H247714-39)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2024	ND	2.24	112	2.00	5.58	
Toluene*	<0.050	0.050	12/21/2024	ND	2.22	111	2.00	5.79	
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.12	106	2.00	5.55	
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.70	112	6.00	4.59	
Total BTEX	<0.300	0.300	12/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	219	109	200	4.05	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	207	103	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 419 10' (H247714-40)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2024	ND	2.24	112	2.00	5.58	
Toluene*	<0.050	0.050	12/21/2024	ND	2.22	111	2.00	5.79	
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.12	106	2.00	5.55	
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.70	112	6.00	4.59	
Total BTX	<0.300	0.300	12/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	219	109	200	4.05	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	207	103	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 73.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 420 8' (H247714-41)

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	12/21/2024	ND	2.24	112	2.00	5.58		
Toluene*	<0.050	0.050	12/21/2024	ND	2.22	111	2.00	5.79		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.12	106	2.00	5.55		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.70	112	6.00	4.59		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	219	109	200	4.05	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	207	103	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 65.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 421 8' (H247714-42)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2024	ND	2.24	112	2.00	5.58		
Toluene*	<0.050	0.050	12/21/2024	ND	2.22	111	2.00	5.79		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.12	106	2.00	5.55		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.70	112	6.00	4.59		
Total BTEx	<0.300	0.300	12/21/2024	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	<16.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	219	109	200	4.05	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	207	103	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 69.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 422 8' (H247714-43)

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	12/21/2024	ND	2.24	112	2.00	5.58	
Toluene*	<0.050	0.050	12/21/2024	ND	2.22	111	2.00	5.79	
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.12	106	2.00	5.55	
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.70	112	6.00	4.59	
Total BTEX	<0.300	0.300	12/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	219	109	200	4.05	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	207	103	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 423 8' (H247714-44)

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	12/21/2024	ND	2.24	112	2.00	5.58	
Toluene*	<0.050	0.050	12/21/2024	ND	2.22	111	2.00	5.79	
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.12	106	2.00	5.55	
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.70	112	6.00	4.59	
Total BTEx	<0.300	0.300	12/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	219	109	200	4.05	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	207	103	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 73.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 424 8' (H247714-45)

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	12/21/2024	ND	2.24	112	2.00	5.58		
Toluene*	<0.050	0.050	12/21/2024	ND	2.22	111	2.00	5.79		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.12	106	2.00	5.55		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.70	112	6.00	4.59		
Total BTEx	<0.300	0.300	12/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	219	109	200	4.05	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	207	103	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 71.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 425 8' (H247714-46)

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	12/21/2024	ND	2.24	112	2.00	5.58		
Toluene*	<0.050	0.050	12/21/2024	ND	2.22	111	2.00	5.79		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.12	106	2.00	5.55		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.70	112	6.00	4.59		
Total BTEx	<0.300	0.300	12/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	219	109	200	4.05	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	207	103	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 426 8' (H247714-47)

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	12/21/2024	ND	2.24	112	2.00	5.58		
Toluene*	<0.050	0.050	12/21/2024	ND	2.22	111	2.00	5.79		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.12	106	2.00	5.55		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.70	112	6.00	4.59		
Total BTEx	<0.300	0.300	12/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	219	109	200	4.05	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	207	103	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 427 8' (H247714-48)

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	12/21/2024	ND	2.24	112	2.00	5.58		
Toluene*	<0.050	0.050	12/21/2024	ND	2.22	111	2.00	5.79		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.12	106	2.00	5.55		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.70	112	6.00	4.59		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	219	109	200	4.05	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	207	103	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 72.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.1 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 428 8' (H247714-49)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2024	ND	2.24	112	2.00	5.58	
Toluene*	<0.050	0.050	12/21/2024	ND	2.22	111	2.00	5.79	
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.12	106	2.00	5.55	
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.70	112	6.00	4.59	
Total BTEx	<0.300	0.300	12/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	219	109	200	4.05	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	207	103	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 429 8' (H247714-50)

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	12/21/2024	ND	2.24	112	2.00	5.58		
Toluene*	<0.050	0.050	12/21/2024	ND	2.22	111	2.00	5.79		
Ethylbenzene*	<0.050	0.050	12/21/2024	ND	2.12	106	2.00	5.55		
Total Xylenes*	<0.150	0.150	12/21/2024	ND	6.70	112	6.00	4.59		
Total BTEX	<0.300	0.300	12/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2024	ND	219	109	200	4.05	
DRO >C10-C28*	<10.0	10.0	12/21/2024	ND	207	103	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2024	ND					

Surrogate: 1-Chlorooctane 75.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 430 8' (H247714-51)

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	12/23/2024	ND	2.28	114	2.00	0.508		
Toluene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	1.30		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.17	108	2.00	1.39		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.85	114	6.00	0.864		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	202	101	200	2.52	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	197	98.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 431 8' (H247714-52)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	0.508		
Toluene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	1.30		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.17	108	2.00	1.39		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.85	114	6.00	0.864		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	202	101	200	2.52	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	197	98.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 432 8' (H247714-53)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	0.508		
Toluene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	1.30		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.17	108	2.00	1.39		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.85	114	6.00	0.864		
Total BTEX	<0.300	0.300	12/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	202	101	200	2.52	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	197	98.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 433 8' (H247714-54)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	0.508		
Toluene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	1.30		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.17	108	2.00	1.39		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.85	114	6.00	0.864		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	202	101	200	2.52	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	197	98.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 434 8' (H247714-55)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	0.508	
Toluene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	1.30	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.17	108	2.00	1.39	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.85	114	6.00	0.864	
Total BTEX	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	202	101	200	2.52	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	197	98.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 435 8' (H247714-56)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	0.508	
Toluene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	1.30	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.17	108	2.00	1.39	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.85	114	6.00	0.864	
Total BTEX	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	202	101	200	2.52	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	197	98.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 436 8' (H247714-57)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	0.508		
Toluene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	1.30		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.17	108	2.00	1.39		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.85	114	6.00	0.864		
Total BTEX	<0.300	0.300	12/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	202	101	200	2.52	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	197	98.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 437 8' (H247714-58)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	0.508	
Toluene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	1.30	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.17	108	2.00	1.39	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.85	114	6.00	0.864	
Total BTEX	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/23/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	202	101	200	2.52	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	197	98.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 438 8' (H247714-59)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	0.508	
Toluene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	1.30	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.17	108	2.00	1.39	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.85	114	6.00	0.864	
Total BTEX	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	202	101	200	2.52	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	197	98.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 439 8' (H247714-60)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	0.508		
Toluene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	1.30		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.17	108	2.00	1.39		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.85	114	6.00	0.864		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	202	101	200	2.52	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	197	98.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 440 8' (H247714-61)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	0.508	
Toluene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	1.30	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.17	108	2.00	1.39	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.85	114	6.00	0.864	
Total BTEX	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	202	101	200	2.52	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	197	98.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 441 8' (H247714-62)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	0.508		
Toluene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	1.30		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.17	108	2.00	1.39		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.85	114	6.00	0.864		
Total BTEX	<0.300	0.300	12/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	202	101	200	2.52	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	197	98.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 442 8' (H247714-63)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	0.508		
Toluene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	1.30		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.17	108	2.00	1.39		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.85	114	6.00	0.864		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	202	101	200	2.52	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	197	98.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 443 8' (H247714-64)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	0.508		
Toluene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	1.30		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.17	108	2.00	1.39		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.85	114	6.00	0.864		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	202	101	200	2.52	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	197	98.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 444 8' (H247714-65)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	0.508		
Toluene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	1.30		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.17	108	2.00	1.39		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.85	114	6.00	0.864		
Total BTEX	<0.300	0.300	12/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	202	101	200	2.52	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	197	98.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 445 8' (H247714-66)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	0.508	
Toluene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	1.30	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.17	108	2.00	1.39	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.85	114	6.00	0.864	
Total BTEX	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/23/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	202	101	200	2.52	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	197	98.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 446 8' (H247714-67)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	0.508		
Toluene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	1.30		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.17	108	2.00	1.39		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.85	114	6.00	0.864		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/23/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	202	101	200	2.52	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	197	98.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 447 8' (H247714-68)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	0.508	
Toluene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	1.30	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.17	108	2.00	1.39	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.85	114	6.00	0.864	
Total BTEX	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	202	101	200	2.52	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	197	98.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 448 8' (H247714-69)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	0.508		
Toluene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	1.30		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.17	108	2.00	1.39		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.85	114	6.00	0.864		
Total BTEX	<0.300	0.300	12/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	202	101	200	2.52	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	197	98.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 449 8' (H247714-70)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	0.508	
Toluene*	<0.050	0.050	12/23/2024	ND	2.28	114	2.00	1.30	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.17	108	2.00	1.39	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.85	114	6.00	0.864	
Total BTEX	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	202	101	200	2.52	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	197	98.3	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 450 8' (H247714-71)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.04	102	2.00	3.57	
Toluene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.55	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.61	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.03	101	6.00	3.63	
Total BTEX	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/23/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	214	107	200	4.77	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	200	100	200	7.85	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 451 8' (H247714-72)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.04	102	2.00	3.57	
Toluene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.55	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.61	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.03	101	6.00	3.63	
Total BTEX	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	214	107	200	4.77	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	200	100	200	7.85	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 452 8' (H247714-73)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.04	102	2.00	3.57		
Toluene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.55		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.61		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.03	101	6.00	3.63		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	214	107	200	4.77	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	200	100	200	7.85	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 453 8' (H247714-74)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.04	102	2.00	3.57	
Toluene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.55	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.61	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.03	101	6.00	3.63	
Total BTEX	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	214	107	200	4.77	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	200	100	200	7.85	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 454 8' (H247714-75)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.04	102	2.00	3.57		
Toluene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.55		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.61		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.03	101	6.00	3.63		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	214	107	200	4.77	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	200	100	200	7.85	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 455 8' (H247714-76)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.04	102	2.00	3.57	
Toluene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.55	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.61	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.03	101	6.00	3.63	
Total BTEX	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	214	107	200	4.77	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	200	100	200	7.85	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 456 8' (H247714-77)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.04	102	2.00	3.57	
Toluene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.55	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.61	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.03	101	6.00	3.63	
Total BTEx	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/23/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	214	107	200	4.77	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	200	100	200	7.85	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 457 8' (H247714-78)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.04	102	2.00	3.57		
Toluene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.55		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.61		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.03	101	6.00	3.63		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	214	107	200	4.77	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	200	100	200	7.85	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 458 8' (H247714-79)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.04	102	2.00	3.57		
Toluene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.55		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.61		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.03	101	6.00	3.63		
Total BTEx	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	214	107	200	4.77	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	200	100	200	7.85	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 459 8' (H247714-80)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.04	102	2.00	3.57		
Toluene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.55		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.61		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.03	101	6.00	3.63		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	214	107	200	4.77	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	200	100	200	7.85	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 460 8' (H247714-81)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.04	102	2.00	3.57		
Toluene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.55		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.61		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.03	101	6.00	3.63		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	214	107	200	4.77	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	200	100	200	7.85	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 461 8' (H247714-82)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.04	102	2.00	3.57	
Toluene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.55	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.61	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.03	101	6.00	3.63	
Total BTEx	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	12/23/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	214	107	200	4.77	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	200	100	200	7.85	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 74.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 462 14' (H247714-83)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.04	102	2.00	3.57	
Toluene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.55	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.61	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.03	101	6.00	3.63	
Total BTEX	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/23/2024	ND	448	112	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	214	107	200	4.77		
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	200	100	200	7.85		
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND						

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 463 14' (H247714-84)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.04	102	2.00	3.57		
Toluene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.55		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.61		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.03	101	6.00	3.63		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	214	107	200	4.77	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	200	100	200	7.85	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 464 14' (H247714-85)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.04	102	2.00	3.57	
Toluene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.55	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.61	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.03	101	6.00	3.63	
Total BTX	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/23/2024	ND	448	112	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	214	107	200	4.77		
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	200	100	200	7.85		
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND						

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 465 14' (H247714-86)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.04	102	2.00	3.57		
Toluene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.55		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.61		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.03	101	6.00	3.63		
Total BTEX	<0.300	0.300	12/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	12/23/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	214	107	200	4.77	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	200	100	200	7.85	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 466 14' (H247714-87)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.04	102	2.00	3.57		
Toluene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.55		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.61		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.03	101	6.00	3.63		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	214	107	200	4.77	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	200	100	200	7.85	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 467 14' (H247714-88)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.04	102	2.00	3.57	
Toluene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.55	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.61	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.03	101	6.00	3.63	
Total BTEX	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/23/2024	ND	448	112	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	214	107	200	4.77		
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	200	100	200	7.85		
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND						

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 468 14' (H247714-89)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.04	102	2.00	3.57		
Toluene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.55		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.61		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.03	101	6.00	3.63		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	214	107	200	4.77	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	200	100	200	7.85	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 469 14' (H247714-90)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.04	102	2.00	3.57		
Toluene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.55		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.02	101	2.00	3.61		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.03	101	6.00	3.63		
Total BTEX	<0.300	0.300	12/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	12/23/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	214	107	200	4.77	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	200	100	200	7.85	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-05 The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
- Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 93 of 101



101 East Marland, Hobbs, NM 88240
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:						Hungry Horse LLC						
Project Manager:						Daniel Dominguez						
Address:						4024 Plains Hwy						
City:						Lovington	State:		NM	Zip:		88260
Phone #:						575 393-3386		Fax #:				
Project #:								Project Owner:		Murchison Oil & Gas		
Project Name:						Ogden State #4						
Project Location:						UL / P Sec 2 T26S - R26E						
Sampler Name:						Jerry, Hector, Shawn, Toby						
FOR LAB USE ONLY												
Lab I.D.						Sample I.D.		Depth		(G)RAB OR (C)OMP.		
H2477						FL410		10'		C 1		
31						FL411		10'		C 1		
32						FL412		10'		C 1		
33						FL413		10'		C 1		
34						FL414		10'		C 1		
35						FL415		10'		C 1		
36						FL416		10'		C 1		
37						FL417		10'		C 1		
38						FL418		10'		C 1		
39						FL419		10'		C 1		
40						FL419		10'		C 1		
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Relinquished By:						Date:		Time:		Received By:		
Refiniquished By:						Date:		Time:		Received By:		
Delivered By: (Circle One)						Sample Condition		Checked BY:				
Sampler - UPS - Bus - Other:						Cool Intact		Yes No		Initials		
Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476												



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 97 of 101



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:						Hungry Horse LLC						
Project Manager:						Daniel Dominguez						
Address:						4024 Plains Hwy						
City:						Lovington	State:		NM	Zip:		88260
Phone #:						575 393-3386		Fax #:				
Project #:								Project Owner:		Murchison Oil & Gas		
Project Name:						Ogden State #4						
Project Location:						UL / P Sec 2 T2S - R26E						
Sampler Name:						Jerry, Hector, Shawn, Toby		Fax #:				
FOR LAB USE ONLY												
Lab I.D.						Sample I.D.		Depth		(G)RAB OR (C)OMP.		
HSA7714						FL430		8'		C 1		
51						FL431		8'		C 1		
52						FL432		8'		C 1		
53						FL433		8'		C 1		
54						FL434		8'		C 1		
55						FL435		8'		C 1		
56						FL436		8'		C 1		
57						FL437		8'		C 1		
58						FL438		8'		C 1		
59						FL439		8'		C 1		
60												
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Relinquished By:						Date: 12-20-24		Time: 1:40P		Received By:		
Relinquished By:						Date:		Time:		Received By:		
Delivered By: (Circle One)						Sample Condition:		Cool Intact		Checked BY: (Initials)		
Sampler - UPS - Bus - Other:						Yes No		Yes No		Yes No		
Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476												



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO		ANALYSIS REQUEST																						
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas																										
Address: 4024 Plains Hwy		Attn: Greg Boans																										
City: Lovington	State: NM	Zip: 88260	Address: 5325 Sierra Vista																									
Phone #: 575 393-3386	Fax #:	City: Carlsbad																										
Project #:	Project Owner: Murchison Oil & Gas	State: NM	Zip: 88230																									
Project Name: Ogden State #4	Project Location: U/L P Sec 2 T25S - R26E	Phone #: 575 706-0667																										
Sampler Name: Jerry, Hector, Shawn, Toby	Fax #:																											
FOR LAB USE ONLY		PRESERV.		SAMPLING																								
Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH	BTEX 8021										
H247714	71	FL450	8'	C 1	X									12/20/24	1044	X	X	X										
	72	FL451	8'	C 1	X									12/20/24	1045	X	X	X										
	73	FL452	8'	C 1	X									12/20/24	1046	X	X	X										
	74	FL453	8'	C 1	X									12/20/24	1047	X	X	X										
	75	FL454	8'	C 1	X									12/20/24	1048	X	X	X										
	76	FL455	8'	C 1	X									12/20/24	1049	X	X	X										
	77	FL456	8'	C 1	X									12/20/24	1050	X	X	X										
	78	FL457	8'	C 1	X									12/20/24	1051	X	X	X										
	79	FL458	8'	C 1	X									12/20/24	1052	X	X	X										
	80	FL459	8'	C 1	X									12/20/24	1053	X	X	X										
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Relinquished By: [Signature]		Date: 12-20-24	Received By: [Signature]																									
Time: 11:00		Date: 12-20-24	Received By: [Signature]																									
Time: 11:00		Date: 12-20-24	Received By: [Signature]																									
Delivered By: (Circle One) CE-D.6.E #140		Sample Condition Cool Intact		CHECKED BY: (Initials) [Signature]																								
Sampler - UPS - Bus - Other: 2.7c/2.1c		Cool Intact Yes Yes No No		[Signature]																								
† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476																												

48 hr RUSH

REMARKS: Email results to: pm@hungry-horse.com

gboans@jdmil.com



ANALYSIS REQUEST

Page 101 of 101



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

December 26, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: OGDEN STATE 4

Enclosed are the results of analyses for samples received by the laboratory on 12/20/24 14:06.

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 470 14' (H247715-01)

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	12/23/2024	ND	2.24	112	2.00	7.52	
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	107	2.00	9.41	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.15	108	2.00	8.30	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.45	107	6.00	8.15	
Total BTEX	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	208	104	200	4.14	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	199	99.5	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 471 14' (H247715-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.24	112	2.00	7.52		
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	107	2.00	9.41		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.15	108	2.00	8.30		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.45	107	6.00	8.15		
Total BTEx	<0.300	0.300	12/23/2024	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	32.0	16.0	12/23/2024	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	12/23/2024	ND	208	104	200	4.14	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	199	99.5	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 95.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 472 14' (H247715-03)

BTEx 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.24	112	2.00	7.52	
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	107	2.00	9.41	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.15	108	2.00	8.30	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.45	107	6.00	8.15	
Total BTEX	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/23/2024	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	12/23/2024	ND	208	104	200	4.14	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	199	99.5	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 473 14' (H247715-04)

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	12/23/2024	ND	2.24	112	2.00	7.52	
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	107	2.00	9.41	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.15	108	2.00	8.30	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.45	107	6.00	8.15	
Total BTEX	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	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	12/23/2024	ND	208	104	200	4.14	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	199	99.5	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 474 14' (H247715-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.24	112	2.00	7.52		
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	107	2.00	9.41		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.15	108	2.00	8.30		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.45	107	6.00	8.15		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	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	12/23/2024	ND	208	104	200	4.14	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	199	99.5	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 475 14' (H247715-06)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.24	112	2.00	7.52	
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	107	2.00	9.41	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.15	108	2.00	8.30	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.45	107	6.00	8.15	
Total BTEX	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/23/2024	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	12/23/2024	ND	208	104	200	4.14	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	199	99.5	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 476 14' (H247715-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.24	112	2.00	7.52		
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	107	2.00	9.41		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.15	108	2.00	8.30		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.45	107	6.00	8.15		
Total BTEx	<0.300	0.300	12/23/2024	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	12/23/2024	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	12/23/2024	ND	208	104	200	4.14	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	199	99.5	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 477 14' (H247715-08)

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	12/23/2024	ND	2.24	112	2.00	7.52		
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	107	2.00	9.41		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.15	108	2.00	8.30		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.45	107	6.00	8.15		
Total BTEx	<0.300	0.300	12/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	12/23/2024	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	12/23/2024	ND	208	104	200	4.14	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	199	99.5	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 478 14' (H247715-09)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.24	112	2.00	7.52		
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	107	2.00	9.41		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.15	108	2.00	8.30		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.45	107	6.00	8.15		
Total BTX	<0.300	0.300	12/23/2024	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	<16.0	16.0	12/23/2024	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	12/23/2024	ND	208	104	200	4.14	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	199	99.5	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 479 14' (H247715-10)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.24	112	2.00	7.52	
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	107	2.00	9.41	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.15	108	2.00	8.30	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.45	107	6.00	8.15	
Total BTEx	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	12/23/2024	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	12/23/2024	ND	208	104	200	4.14	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	199	99.5	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 480 14' (H247715-11)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.24	112	2.00	7.52	
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	107	2.00	9.41	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.15	108	2.00	8.30	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.45	107	6.00	8.15	
Total BTEx	<0.300	0.300	12/23/2024	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	12/23/2024	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	12/23/2024	ND	208	104	200	4.14	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	199	99.5	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 481 14' (H247715-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.24	112	2.00	7.52		
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	107	2.00	9.41		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.15	108	2.00	8.30		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.45	107	6.00	8.15		
Total BTEx	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	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	12/23/2024	ND	208	104	200	4.14	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	199	99.5	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 482 14' (H247715-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.24	112	2.00	7.52		
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	107	2.00	9.41		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.15	108	2.00	8.30		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.45	107	6.00	8.15		
Total BTEx	<0.300	0.300	12/23/2024	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	16.0	16.0	12/23/2024	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	12/23/2024	ND	208	104	200	4.14	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	199	99.5	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 483 14' (H247715-14)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.24	112	2.00	7.52	
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	107	2.00	9.41	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.15	108	2.00	8.30	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.45	107	6.00	8.15	
Total BTEx	<0.300	0.300	12/23/2024	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	12/23/2024	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	12/23/2024	ND	208	104	200	4.14	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	199	99.5	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 484 14' (H247715-15)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.24	112	2.00	7.52	
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	107	2.00	9.41	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.15	108	2.00	8.30	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.45	107	6.00	8.15	
Total BTX	<0.300	0.300	12/23/2024	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	12/23/2024	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	12/23/2024	ND	208	104	200	4.14	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	199	99.5	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 485 14' (H247715-16)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.24	112	2.00	7.52	
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	107	2.00	9.41	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.15	108	2.00	8.30	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.45	107	6.00	8.15	
Total BTX	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	800	16.0	12/23/2024	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	12/23/2024	ND	208	104	200	4.14	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	199	99.5	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 486 14' (H247715-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.24	112	2.00	7.52	
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	107	2.00	9.41	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.15	108	2.00	8.30	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.45	107	6.00	8.15	
Total BTEX	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	960	16.0	12/23/2024	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	12/23/2024	ND	208	104	200	4.14	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	199	99.5	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 487 14' (H247715-18)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.24	112	2.00	7.52	
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	107	2.00	9.41	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.15	108	2.00	8.30	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.45	107	6.00	8.15	
Total BTEX	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/23/2024	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	12/23/2024	ND	208	104	200	4.14	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	199	99.5	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 488 14' (H247715-19)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.24	112	2.00	7.52	
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	107	2.00	9.41	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.15	108	2.00	8.30	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.45	107	6.00	8.15	
Total BTEx	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	12/23/2024	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	12/23/2024	ND	208	104	200	4.14	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	199	99.5	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 489 14' (H247715-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.24	112	2.00	7.52		
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	107	2.00	9.41		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.15	108	2.00	8.30		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.45	107	6.00	8.15		
Total BTEx	<0.300	0.300	12/23/2024	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	12/23/2024	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	12/23/2024	ND	208	104	200	4.14	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	199	99.5	200	4.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 490 14' (H247715-21)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.00	100	2.00	0.967	
Toluene*	<0.050	0.050	12/23/2024	ND	1.99	99.3	2.00	0.637	QR-03
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.10	105	2.00	1.24	QR-03
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.26	104	6.00	0.557	QR-03
Total BTEX	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	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	12/23/2024	ND	197	98.5	200	10.7	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	182	91.1	200	7.35	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 99.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 491 14' (H247715-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.00	100	2.00	0.967		
Toluene*	<0.050	0.050	12/23/2024	ND	1.99	99.3	2.00	0.637		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.26	104	6.00	0.557		
Total BTEX	<0.300	0.300	12/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	197	98.5	200	10.7	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	182	91.1	200	7.35	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 492 14' (H247715-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.00	100	2.00	0.967		
Toluene*	<0.050	0.050	12/23/2024	ND	1.99	99.3	2.00	0.637		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.26	104	6.00	0.557		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1260	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	197	98.5	200	10.7	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	182	91.1	200	7.35	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 493 14' (H247715-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.00	100	2.00	0.967		
Toluene*	<0.050	0.050	12/23/2024	ND	1.99	99.3	2.00	0.637		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.26	104	6.00	0.557		
Total BTEX	<0.300	0.300	12/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	832	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	197	98.5	200	10.7	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	182	91.1	200	7.35	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 494 14' (H247715-25)

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	12/23/2024	ND	2.00	100	2.00	0.967		
Toluene*	<0.050	0.050	12/23/2024	ND	1.99	99.3	2.00	0.637		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.26	104	6.00	0.557		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1310	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	197	98.5	200	10.7	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	182	91.1	200	7.35	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 495 14' (H247715-26)

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	12/23/2024	ND	2.00	100	2.00	0.967		
Toluene*	<0.050	0.050	12/23/2024	ND	1.99	99.3	2.00	0.637		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.26	104	6.00	0.557		
Total BTEx	<0.300	0.300	12/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	197	98.5	200	10.7	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	182	91.1	200	7.35	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 496 14' (H247715-27)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.00	100	2.00	0.967		
Toluene*	<0.050	0.050	12/23/2024	ND	1.99	99.3	2.00	0.637		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.26	104	6.00	0.557		
Total BTEX	<0.300	0.300	12/23/2024	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	16.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	197	98.5	200	10.7	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	182	91.1	200	7.35	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 497 14' (H247715-28)

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	12/23/2024	ND	2.00	100	2.00	0.967		
Toluene*	<0.050	0.050	12/23/2024	ND	1.99	99.3	2.00	0.637		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.26	104	6.00	0.557		
Total BTEx	<0.300	0.300	12/23/2024	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	
Chloride	<16.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	197	98.5	200	10.7	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	182	91.1	200	7.35	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 498 14' (H247715-29)

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	12/23/2024	ND	2.00	100	2.00	0.967		
Toluene*	<0.050	0.050	12/23/2024	ND	1.99	99.3	2.00	0.637		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.26	104	6.00	0.557		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	197	98.5	200	10.7	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	182	91.1	200	7.35	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 499 14' (H247715-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.00	100	2.00	0.967		
Toluene*	<0.050	0.050	12/23/2024	ND	1.99	99.3	2.00	0.637		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.26	104	6.00	0.557		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	197	98.5	200	10.7	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	182	91.1	200	7.35	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 500 14' (H247715-31)

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	12/23/2024	ND	2.00	100	2.00	0.967		
Toluene*	<0.050	0.050	12/23/2024	ND	1.99	99.3	2.00	0.637		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.26	104	6.00	0.557		
Total BTEX	<0.300	0.300	12/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	1280	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	197	98.5	200	10.7	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	182	91.1	200	7.35	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 501 14' (H247715-32)

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	12/23/2024	ND	2.00	100	2.00	0.967		
Toluene*	<0.050	0.050	12/23/2024	ND	1.99	99.3	2.00	0.637		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.26	104	6.00	0.557		
Total BTEX	<0.300	0.300	12/23/2024	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	1360	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	197	98.5	200	10.7	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	182	91.1	200	7.35	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 502 14' (H247715-33)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.00	100	2.00	0.967	
Toluene*	<0.050	0.050	12/23/2024	ND	1.99	99.3	2.00	0.637	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.10	105	2.00	1.24	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.26	104	6.00	0.557	
Total BTEX	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	1340	16.0	12/23/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	197	98.5	200	10.7	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	182	91.1	200	7.35	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 503 14' (H247715-34)

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	12/23/2024	ND	2.00	100	2.00	0.967		
Toluene*	<0.050	0.050	12/23/2024	ND	1.99	99.3	2.00	0.637		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.26	104	6.00	0.557		
Total BTEx	<0.300	0.300	12/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	197	98.5	200	10.7	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	182	91.1	200	7.35	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 504 14' (H247715-35)

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	12/23/2024	ND	2.00	100	2.00	0.967		
Toluene*	<0.050	0.050	12/23/2024	ND	1.99	99.3	2.00	0.637		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.26	104	6.00	0.557		
Total BTEx	<0.300	0.300	12/23/2024	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	32.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	197	98.5	200	10.7	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	182	91.1	200	7.35	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 505 14' (H247715-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.00	100	2.00	0.967		
Toluene*	<0.050	0.050	12/23/2024	ND	1.99	99.3	2.00	0.637		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.26	104	6.00	0.557		
Total BTEx	<0.300	0.300	12/23/2024	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	
Chloride	<16.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	197	98.5	200	10.7	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	182	91.1	200	7.35	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 99.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 506 14' (H247715-37)

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	12/23/2024	ND	2.00	100	2.00	0.967		
Toluene*	<0.050	0.050	12/23/2024	ND	1.99	99.3	2.00	0.637		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.26	104	6.00	0.557		
Total BTEX	<0.300	0.300	12/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	197	98.5	200	10.7	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	182	91.1	200	7.35	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 507 14' (H247715-38)

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	12/23/2024	ND	2.00	100	2.00	0.967	
Toluene*	<0.050	0.050	12/23/2024	ND	1.99	99.3	2.00	0.637	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.10	105	2.00	1.24	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.26	104	6.00	0.557	
Total BTEX	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	197	98.5	200	10.7	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	182	91.1	200	7.35	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 76.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 508 14' (H247715-39)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.00	100	2.00	0.967	
Toluene*	<0.050	0.050	12/23/2024	ND	1.99	99.3	2.00	0.637	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.10	105	2.00	1.24	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.26	104	6.00	0.557	
Total BTEX	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	197	98.5	200	10.7	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	182	91.1	200	7.35	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 72.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.7 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 509 14' (H247715-40)

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	12/23/2024	ND	2.00	100	2.00	0.967	
Toluene*	<0.050	0.050	12/23/2024	ND	1.99	99.3	2.00	0.637	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.10	105	2.00	1.24	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.26	104	6.00	0.557	
Total BTEX	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	197	98.5	200	10.7	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	182	91.1	200	7.35	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 510 14' (H247715-41)

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	12/23/2024	ND	2.05	103	2.00	0.791		
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	106	2.00	1.15		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	0.840		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.11	102	6.00	0.911		
Total BTEX	<0.300	0.300	12/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	191	95.7	200	1.33	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	193	96.5	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 71.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 511 14' (H247715-42)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.05	103	2.00	0.791	
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	106	2.00	1.15	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	0.840	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.11	102	6.00	0.911	
Total BTEX	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	191	95.7	200	1.33	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	193	96.5	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 65.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 512 14' (H247715-43)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.05	103	2.00	0.791	
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	106	2.00	1.15	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	0.840	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.11	102	6.00	0.911	
Total BTX	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 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	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	191	95.7	200	1.33	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	193	96.5	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 73.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 513 14' (H247715-44)

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	12/23/2024	ND	2.05	103	2.00	0.791	
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	106	2.00	1.15	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	0.840	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.11	102	6.00	0.911	
Total BTEX	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	191	95.7	200	1.33	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	193	96.5	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 67.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 514 14' (H247715-45)

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	12/23/2024	ND	2.05	103	2.00	0.791	
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	106	2.00	1.15	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	0.840	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.11	102	6.00	0.911	
Total BTEX	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	191	95.7	200	1.33	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	193	96.5	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 75.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 515 14' (H247715-46)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.05	103	2.00	0.791	
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	106	2.00	1.15	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	0.840	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.11	102	6.00	0.911	
Total BTX	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 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	12/23/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	191	95.7	200	1.33	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	193	96.5	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 71.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 516 14' (H247715-47)

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	12/23/2024	ND	2.05	103	2.00	0.791		
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	106	2.00	1.15		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	0.840		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.11	102	6.00	0.911		
Total BTEX	<0.300	0.300	12/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 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	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	191	95.7	200	1.33	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	193	96.5	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 517 14' (H247715-48)

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	12/23/2024	ND	2.05	103	2.00	0.791		
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	106	2.00	1.15		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	0.840		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.11	102	6.00	0.911		
Total BTEX	<0.300	0.300	12/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	191	95.7	200	1.33	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	193	96.5	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 61.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 518 14' (H247715-49)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.05	103	2.00	0.791	
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	106	2.00	1.15	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	0.840	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.11	102	6.00	0.911	
Total BTEX	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	191	95.7	200	1.33	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	193	96.5	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 519 14' (H247715-50)

BTX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.05	103	2.00	0.791	
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	106	2.00	1.15	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	0.840	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.11	102	6.00	0.911	
Total BTX	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/23/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	191	95.7	200	1.33	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	193	96.5	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 79.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 520 14' (H247715-51)

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	12/23/2024	ND	2.05	103	2.00	0.791		
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	106	2.00	1.15		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	0.840		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.11	102	6.00	0.911		
Total BTEX	<0.300	0.300	12/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	191	95.7	200	1.33	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	193	96.5	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 62.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 521 14' (H247715-52)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.05	103	2.00	0.791	
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	106	2.00	1.15	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	0.840	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.11	102	6.00	0.911	
Total BTEx	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	191	95.7	200	1.33	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	193	96.5	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 522 14' (H247715-53)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.05	103	2.00	0.791		
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	106	2.00	1.15		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	0.840		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.11	102	6.00	0.911		
Total BTEX	<0.300	0.300	12/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	608	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	191	95.7	200	1.33	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	193	96.5	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 68.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 523 14' (H247715-54)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.05	103	2.00	0.791		
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	106	2.00	1.15		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	0.840		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.11	102	6.00	0.911		
Total BTEX	<0.300	0.300	12/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	720	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	191	95.7	200	1.33	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	193	96.5	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.9 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 524 14' (H247715-55)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.05	103	2.00	0.791	
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	106	2.00	1.15	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	0.840	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.11	102	6.00	0.911	
Total BTX	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	191	95.7	200	1.33	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	193	96.5	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 68.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 525 14' (H247715-56)

BTEx 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.05	103	2.00	0.791	
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	106	2.00	1.15	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	0.840	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.11	102	6.00	0.911	
Total BTEX	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	12/23/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	191	95.7	200	1.33	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	193	96.5	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 73.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.6 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 526 14' (H247715-57)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.05	103	2.00	0.791	
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	106	2.00	1.15	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	0.840	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.11	102	6.00	0.911	
Total BTX	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	191	95.7	200	1.33	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	193	96.5	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 54 0-8' (H247715-58)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.05	103	2.00	0.791		
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	106	2.00	1.15		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	0.840		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.11	102	6.00	0.911		
Total BTEX	<0.300	0.300	12/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	191	95.7	200	1.33	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	193	96.5	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 55 0-8' (H247715-59)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.05	103	2.00	0.791	
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	106	2.00	1.15	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	0.840	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.11	102	6.00	0.911	
Total BTEX	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	191	95.7	200	1.33	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	193	96.5	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 56 0-8' (H247715-60)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.05	103	2.00	0.791	
Toluene*	<0.050	0.050	12/23/2024	ND	2.13	106	2.00	1.15	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	0.840	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.11	102	6.00	0.911	
Total BTEX	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	191	95.7	200	1.33	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	193	96.5	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 80.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 57 0-8' (H247715-61)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.615	
Toluene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.739	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	105	2.00	1.77	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.63	110	6.00	1.31	
Total BTEx	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	187	93.4	200	1.95	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	191	95.3	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 58 0-8' (H247715-62)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.615	
Toluene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.739	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	105	2.00	1.77	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.63	110	6.00	1.31	
Total BTEX	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	187	93.4	200	1.95	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	191	95.3	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 59 0-8' (H247715-63)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.615	
Toluene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.739	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	105	2.00	1.77	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.63	110	6.00	1.31	
Total BTEX	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	187	93.4	200	1.95	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	191	95.3	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 60 0-8' (H247715-64)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.615	
Toluene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.739	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	105	2.00	1.77	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.63	110	6.00	1.31	
Total BTEX	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	187	93.4	200	1.95	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	191	95.3	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: SW 61 0-8' (H247715-65)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.615		
Toluene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.739		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	105	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.63	110	6.00	1.31		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	187	93.4	200	1.95	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	191	95.3	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 62 0-8' (H247715-66)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.615	
Toluene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.739	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	105	2.00	1.77	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.63	110	6.00	1.31	
Total BTEX	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	187	93.4	200	1.95	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	191	95.3	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 63 0-8' (H247715-67)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.615	
Toluene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.739	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	105	2.00	1.77	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.63	110	6.00	1.31	
Total BTEX	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/23/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	187	93.4	200	1.95	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	191	95.3	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 103 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 64 8-10' (H247715-68)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.615		
Toluene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.739		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	105	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.63	110	6.00	1.31		
Total BTEx	<0.300	0.300	12/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	187	93.4	200	1.95	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	191	95.3	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 65 8-10' (H247715-69)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.615	
Toluene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.739	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	105	2.00	1.77	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.63	110	6.00	1.31	
Total BTEX	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/23/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	187	93.4	200	1.95	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	191	95.3	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 66 8-14' (H247715-70)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.615		
Toluene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.739		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	105	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.63	110	6.00	1.31		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	187	93.4	200	1.95	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	191	95.3	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 67 8-14' (H247715-71)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.615		
Toluene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.739		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	105	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.63	110	6.00	1.31		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	187	93.4	200	1.95	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	191	95.3	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 68 8-14' (H247715-72)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.615		
Toluene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.739		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	105	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.63	110	6.00	1.31		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	187	93.4	200	1.95	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	191	95.3	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 69 8-14' (H247715-73)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.615		
Toluene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.739		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	105	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.63	110	6.00	1.31		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	187	93.4	200	1.95	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	191	95.3	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: SW 70 8-14' (H247715-74)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.615		
Toluene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.739		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	105	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.63	110	6.00	1.31		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	187	93.4	200	1.95	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	191	95.3	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 71 8-14' (H247715-75)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.615		
Toluene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.739		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	105	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.63	110	6.00	1.31		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	187	93.4	200	1.95	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	191	95.3	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 72 8-14' (H247715-76)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.615		
Toluene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.739		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	105	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.63	110	6.00	1.31		
Total BTEx	<0.300	0.300	12/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	187	93.4	200	1.95	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	191	95.3	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 73 8-14' (H247715-77)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.615		
Toluene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.739		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	105	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.63	110	6.00	1.31		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	187	93.4	200	1.95	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	191	95.3	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 74 8-14' (H247715-78)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.615		
Toluene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.739		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	105	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.63	110	6.00	1.31		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	187	93.4	200	1.95	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	191	95.3	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 75 8-14' (H247715-79)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.615		
Toluene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.739		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	105	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.63	110	6.00	1.31		
Total BTX	<0.300	0.300	12/23/2024	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	<16.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	187	93.4	200	1.95	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	191	95.3	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 76 8-14' (H247715-80)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.615		
Toluene*	<0.050	0.050	12/23/2024	ND	2.20	110	2.00	0.739		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	105	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.63	110	6.00	1.31		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	187	93.4	200	1.95	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	191	95.3	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 77 8-14' (H247715-81)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	3.84		
Toluene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	3.30		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	104	2.00	3.47		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.27	104	6.00	2.68		
Total BTEX	<0.300	0.300	12/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	189	94.7	200	0.616	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 78 8-14' (H247715-82)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	3.84		
Toluene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	3.30		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	104	2.00	3.47		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.27	104	6.00	2.68		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	189	94.7	200	0.616	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.2 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
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 P.O. Box 1058
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 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 79 8-14' (H247715-83)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	3.84		
Toluene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	3.30		
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	104	2.00	3.47		
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.27	104	6.00	2.68		
Total BTEX	<0.300	0.300	12/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	189	94.7	200	0.616	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 86.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 80 10-14' (H247715-84)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	3.84	
Toluene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	3.30	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	104	2.00	3.47	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.27	104	6.00	2.68	
Total BTEX	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	189	94.7	200	0.616	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 81 8-10' (H247715-85)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	3.84	
Toluene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	3.30	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	104	2.00	3.47	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.27	104	6.00	2.68	
Total BTEX	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	189	94.7	200	0.616	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
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 P.O. Box 1058
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 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 82 0-8' (H247715-86)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	3.84	
Toluene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	3.30	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	104	2.00	3.47	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.27	104	6.00	2.68	
Total BTEX	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	189	94.7	200	0.616	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 83 0-8' (H247715-87)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	3.84	
Toluene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	3.30	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	104	2.00	3.47	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.27	104	6.00	2.68	
Total BTEx	<0.300	0.300	12/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	12/23/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	189	94.7	200	0.616	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 84 0-8' (H247715-88)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	3.84	
Toluene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	3.30	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	104	2.00	3.47	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.27	104	6.00	2.68	
Total BTEX	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/23/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	189	94.7	200	0.616	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 85 0-8' (H247715-89)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	3.84	
Toluene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	3.30	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	104	2.00	3.47	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.27	104	6.00	2.68	
Total BTEX	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	189	94.7	200	0.616	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 12/20/2024
 Reported: 12/26/2024
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 86 0-8' (H247715-90)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	3.84	
Toluene*	<0.050	0.050	12/23/2024	ND	2.08	104	2.00	3.30	
Ethylbenzene*	<0.050	0.050	12/23/2024	ND	2.09	104	2.00	3.47	
Total Xylenes*	<0.150	0.150	12/23/2024	ND	6.27	104	6.00	2.68	
Total BTEX	<0.300	0.300	12/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/23/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2024	ND	189	94.7	200	0.616	
DRO >C10-C28*	<10.0	10.0	12/23/2024	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	12/23/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

S-05	The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 94 of 101



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC					
Project Manager: Daniel Dominguez					
Address: 4024 Plains Hwy					
City: Lovington		State: NM		Zip: 88260	
Phone #: 575 393-3386		Fax #:			
Project #:		Project Owner: Murchison Oil & Gas			
Project Name: Ogden State #4		City: Carlsbad			
Project Location: UL / P Sec 2 T25S - R26E		State: NM		Zip: 88230	
Sampler Name: Jerry, Hector, Shawn, Toby		Phone #: 575 706-0667		Fax #:	
FOR LAB USE ONLY					
Lab I.D.		Sample I.D.		Depth	
H247715		51		14'	
FL520		C 1		X	
52		FL521		14'	
53		FL522		14'	
54		FL523		14'	
55		FL524		14'	
56		FL525		14'	
57		FL526		14'	
58		SW54		0-8'	
59		SW55		0-8'	
60		SW56		0-8'	
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Relinquished By: [Signature]					
Date: 12-20-24 Received By: [Signature]					
Time: 1400 Date: 12/20/24 Received By: [Signature]					
Delivered By: (Circle One) C-8.62 #140					
Sampler - UPS - Bus - Other: 214 2.12					
Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476					



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 100 of 101



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO												ANALYSIS REQUEST													
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas																											
Address: 4024 Plains Hwy		Attn: Greg Boans																											
City: Lovington		Address: 5325 Sierra Vista																											
Phone #: 575 393-3386		City: Carlsbad																											
Fax #:		State: NM Zip: 88230																											
Project #:		Phone #: 575 706-0667																											
Project Name: Ogden State #4		Fax #:																											
Project Location: U/ P Sec 2 T2S - R26E																													
Sampler Name: Jerry, Hector, Shawn, Toby																													
FOR LAB USE ONLY																													
Lab I.D.		Sample I.D.		Depth		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING															
81		SW77		8-14'		C 1		X		GROUNDWATER				DATE		TIME		Chloride											
82		SW78		8-14'		C 1		X		WASTEWATER				12/20/24		1224		TPH											
83		SW79		8-14'		C 1		X		SOIL				12/20/24		1225		BTX 8021											
84		SW80		10-14'		C 1		X		OIL				12/20/24		1226													
85		SW81		8-10'		C 1		X		SLUDGE				12/20/24		1227													
86		SW82		0-8'		C 1		X		OTHER :				12/20/24		1228													
87		SW83		0-8'		C 1		X		ACID/BASE:				12/20/24		1229													
88		SW84		0-8'		C 1		X		ICE / COOL				12/20/24		1230													
89		SW85		0-8'		C 1		X		OTHER :				12/20/24		1231													
90		SW86		0-8'		C 1		X						12/20/24		1232													
														12/20/24		1233													
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Relinquished By: [Signature]		Date: 12-20-24		Received By: [Signature]		Date: 12-20-24		Time: 1400		Received By: [Signature]		Date:		Time:		Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Phone #:		REMARKS: 48 hr RUSH									
Relinquished By: [Signature]		Date:		Received By: [Signature]		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Damaged		CHECKED BY: (Initials)		Email results to: pm@hungry-horse.com		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Fax #:		gboans@idmil.com									
Delivered By: (Circle One)		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Damaged		CHECKED BY: (Initials)		Email results to: pm@hungry-horse.com		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Phone #:		Add'l Fax #:																	
Sampler - UPS - Bus - Other: 2.7c / 2.1c		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Damaged		CHECKED BY: (Initials)		Email results to: pm@hungry-horse.com		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Phone #:		Add'l Fax #:																	
Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476																													



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

January 17, 2025

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: OGDEN STATE 4

Enclosed are the results of analyses for samples received by the laboratory on 01/16/25 14:00.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 527 10' (H250233-01)

BTX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	0.868	
Toluene*	<0.050	0.050	01/16/2025	ND	2.21	110	2.00	0.229	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.25	112	2.00	0.127	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.82	114	6.00	0.126	
Total BTX	<0.300	0.300	01/16/2025	ND					

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

Chloride, SM4500Cl-B			mg/kg		Analyzed By: KV				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/16/2025	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	01/16/2025	ND	174	86.8	200	1.66	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	169	84.4	200	0.306	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 528 10' (H250233-02)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	0.868	
Toluene*	<0.050	0.050	01/16/2025	ND	2.21	110	2.00	0.229	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.25	112	2.00	0.127	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.82	114	6.00	0.126	
Total BTX	<0.300	0.300	01/16/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	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	01/16/2025	ND	174	86.8	200	1.66	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	169	84.4	200	0.306	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 529 10' (H250233-03)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	0.868		
Toluene*	<0.050	0.050	01/16/2025	ND	2.21	110	2.00	0.229		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.25	112	2.00	0.127		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.82	114	6.00	0.126		
Total BTX	<0.300	0.300	01/16/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/16/2025	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	01/16/2025	ND	174	86.8	200	1.66	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	169	84.4	200	0.306	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 530 10' (H250233-04)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	0.868		
Toluene*	<0.050	0.050	01/16/2025	ND	2.21	110	2.00	0.229		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.25	112	2.00	0.127		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.82	114	6.00	0.126		
Total BTX	<0.300	0.300	01/16/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	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	01/16/2025	ND	174	86.8	200	1.66	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	169	84.4	200	0.306	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 531 10' (H250233-05)

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	01/16/2025	ND	2.08	104	2.00	0.868		
Toluene*	<0.050	0.050	01/16/2025	ND	2.21	110	2.00	0.229		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.25	112	2.00	0.127		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.82	114	6.00	0.126		
Total BTEX	<0.300	0.300	01/16/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	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	01/16/2025	ND	174	86.8	200	1.66	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	169	84.4	200	0.306	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 532 10' (H250233-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	0.868		
Toluene*	<0.050	0.050	01/16/2025	ND	2.21	110	2.00	0.229		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.25	112	2.00	0.127		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.82	114	6.00	0.126		
Total BTEX	<0.300	0.300	01/16/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/16/2025	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	01/16/2025	ND	174	86.8	200	1.66	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	169	84.4	200	0.306	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 533 10' (H250233-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	0.868	
Toluene*	<0.050	0.050	01/16/2025	ND	2.21	110	2.00	0.229	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.25	112	2.00	0.127	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.82	114	6.00	0.126	
Total BTEX	<0.300	0.300	01/16/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/16/2025	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	01/16/2025	ND	174	86.8	200	1.66	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	169	84.4	200	0.306	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 534 10' (H250233-08)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	0.868		
Toluene*	<0.050	0.050	01/16/2025	ND	2.21	110	2.00	0.229		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.25	112	2.00	0.127		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.82	114	6.00	0.126		
Total BTX	<0.300	0.300	01/16/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	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	01/16/2025	ND	174	86.8	200	1.66	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	169	84.4	200	0.306	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 535 10' (H250233-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	0.868		
Toluene*	<0.050	0.050	01/16/2025	ND	2.21	110	2.00	0.229		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.25	112	2.00	0.127		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.82	114	6.00	0.126		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	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	01/16/2025	ND	174	86.8	200	1.66	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	169	84.4	200	0.306	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 536 10' (H250233-10)

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	01/16/2025	ND	2.44	122	2.00	5.76		
Toluene*	<0.050	0.050	01/16/2025	ND	2.43	121	2.00	8.53		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.52	126	2.00	9.86		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	7.64	127	6.00	10.4		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	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	01/16/2025	ND	174	86.8	200	1.66	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	169	84.4	200	0.306	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 537 10' (H250233-11)

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	01/16/2025	ND	2.44	122	2.00	5.76		
Toluene*	<0.050	0.050	01/16/2025	ND	2.43	121	2.00	8.53		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.52	126	2.00	9.86		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	7.64	127	6.00	10.4		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/16/2025	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	01/16/2025	ND	174	86.8	200	1.66	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	169	84.4	200	0.306	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 538 10' (H250233-12)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	2.44	122	2.00	5.76	
Toluene*	<0.050	0.050	01/16/2025	ND	2.43	121	2.00	8.53	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.52	126	2.00	9.86	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	7.64	127	6.00	10.4	
Total BTX	<0.300	0.300	01/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	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	01/16/2025	ND	174	86.8	200	1.66	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	169	84.4	200	0.306	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 539 10' (H250233-13)

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	01/16/2025	ND	2.44	122	2.00	5.76		
Toluene*	<0.050	0.050	01/16/2025	ND	2.43	121	2.00	8.53		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.52	126	2.00	9.86		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	7.64	127	6.00	10.4		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	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	01/16/2025	ND	174	86.8	200	1.66	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	169	84.4	200	0.306	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 540 10' (H250233-14)

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	01/16/2025	ND	2.44	122	2.00	5.76		
Toluene*	<0.050	0.050	01/16/2025	ND	2.43	121	2.00	8.53		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.52	126	2.00	9.86		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	7.64	127	6.00	10.4		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	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	01/17/2025	ND	174	86.8	200	1.66	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	169	84.4	200	0.306	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 541 10' (H250233-15)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	2.44	122	2.00	5.76		
Toluene*	<0.050	0.050	01/16/2025	ND	2.43	121	2.00	8.53		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.52	126	2.00	9.86		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	7.64	127	6.00	10.4		
Total BTX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	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	01/17/2025	ND	174	86.8	200	1.66	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	169	84.4	200	0.306	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 542 10' (H250233-16)

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	01/16/2025	ND	2.44	122	2.00	5.76		
Toluene*	<0.050	0.050	01/16/2025	ND	2.43	121	2.00	8.53		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.52	126	2.00	9.86		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	7.64	127	6.00	10.4		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	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	01/17/2025	ND	174	86.8	200	1.66	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	169	84.4	200	0.306	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 543 6' (H250233-17)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	2.44	122	2.00	5.76	
Toluene*	<0.050	0.050	01/16/2025	ND	2.43	121	2.00	8.53	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.52	126	2.00	9.86	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	7.64	127	6.00	10.4	
Total BTX	<0.300	0.300	01/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/16/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	174	86.8	200	1.66	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	169	84.4	200	0.306	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 99.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 544 6' (H250233-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.73	86.4	2.00	5.32		
Toluene*	<0.050	0.050	01/16/2025	ND	1.83	91.3	2.00	4.96		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.77	88.3	2.00	5.05		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.18	86.3	6.00	5.01		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/16/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	174	86.8	200	1.66	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	169	84.4	200	0.306	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 545 6' (H250233-19)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	1.73	86.4	2.00	5.32	
Toluene*	<0.050	0.050	01/16/2025	ND	1.83	91.3	2.00	4.96	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.77	88.3	2.00	5.05	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.18	86.3	6.00	5.01	
Total BTX	<0.300	0.300	01/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/16/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	174	86.8	200	1.66	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	169	84.4	200	0.306	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 99.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 546 6' (H250233-20)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	1.73	86.4	2.00	5.32	
Toluene*	<0.050	0.050	01/16/2025	ND	1.83	91.3	2.00	4.96	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.77	88.3	2.00	5.05	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.18	86.3	6.00	5.01	
Total BTX	<0.300	0.300	01/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/16/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	174	86.8	200	1.66	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	169	84.4	200	0.306	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 547 6' (H250233-21)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	1.73	86.4	2.00	5.32	
Toluene*	<0.050	0.050	01/16/2025	ND	1.83	91.3	2.00	4.96	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.77	88.3	2.00	5.05	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.18	86.3	6.00	5.01	
Total BTEX	<0.300	0.300	01/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/16/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	186	93.0	200	0.829	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	182	91.2	200	0.255	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 548 6' (H250233-22)

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	01/16/2025	ND	1.73	86.4	2.00	5.32	
Toluene*	<0.050	0.050	01/16/2025	ND	1.83	91.3	2.00	4.96	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.77	88.3	2.00	5.05	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.18	86.3	6.00	5.01	
Total BTEX	<0.300	0.300	01/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/16/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	186	93.0	200	0.829	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	182	91.2	200	0.255	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 549 6' (H250233-23)

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	01/16/2025	ND	1.73	86.4	2.00	5.32		
Toluene*	<0.050	0.050	01/16/2025	ND	1.83	91.3	2.00	4.96		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.77	88.3	2.00	5.05		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.18	86.3	6.00	5.01		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/16/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	186	93.0	200	0.829	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	182	91.2	200	0.255	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 550 6' (H250233-24)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.73	86.4	2.00	5.32		
Toluene*	<0.050	0.050	01/16/2025	ND	1.83	91.3	2.00	4.96		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.77	88.3	2.00	5.05		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.18	86.3	6.00	5.01		
Total BTX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	186	93.0	200	0.829	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	182	91.2	200	0.255	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 551 6' (H250233-25)

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	01/16/2025	ND	1.73	86.4	2.00	5.32	
Toluene*	<0.050	0.050	01/16/2025	ND	1.83	91.3	2.00	4.96	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.77	88.3	2.00	5.05	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.18	86.3	6.00	5.01	
Total BTEX	<0.300	0.300	01/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/16/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	186	93.0	200	0.829	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	182	91.2	200	0.255	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 552 6' (H250233-26)

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	01/16/2025	ND	1.73	86.4	2.00	5.32		
Toluene*	<0.050	0.050	01/16/2025	ND	1.83	91.3	2.00	4.96		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.77	88.3	2.00	5.05		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.18	86.3	6.00	5.01		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/16/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	186	93.0	200	0.829	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	182	91.2	200	0.255	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 553 6' (H250233-27)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	1.73	86.4	2.00	5.32	
Toluene*	<0.050	0.050	01/16/2025	ND	1.83	91.3	2.00	4.96	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.77	88.3	2.00	5.05	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.18	86.3	6.00	5.01	
Total BTEX	<0.300	0.300	01/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	186	93.0	200	0.829	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	182	91.2	200	0.255	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 554 6' (H250233-28)

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	01/16/2025	ND	1.73	86.4	2.00	5.32	
Toluene*	<0.050	0.050	01/16/2025	ND	1.83	91.3	2.00	4.96	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.77	88.3	2.00	5.05	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.18	86.3	6.00	5.01	
Total BTEX	<0.300	0.300	01/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	186	93.0	200	0.829	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	182	91.2	200	0.255	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 555 6' (H250233-29)

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	01/16/2025	ND	1.73	86.4	2.00	5.32	
Toluene*	<0.050	0.050	01/16/2025	ND	1.83	91.3	2.00	4.96	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.77	88.3	2.00	5.05	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.18	86.3	6.00	5.01	
Total BTEX	<0.300	0.300	01/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/16/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	186	93.0	200	0.829	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	182	91.2	200	0.255	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 556 6' (H250233-30)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	1.73	86.4	2.00	5.32	
Toluene*	<0.050	0.050	01/16/2025	ND	1.83	91.3	2.00	4.96	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.77	88.3	2.00	5.05	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.18	86.3	6.00	5.01	
Total BTEX	<0.300	0.300	01/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/16/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	186	93.0	200	0.829	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	182	91.2	200	0.255	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 557 6' (H250233-31)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	1.73	86.4	2.00	5.32	
Toluene*	<0.050	0.050	01/16/2025	ND	1.83	91.3	2.00	4.96	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.77	88.3	2.00	5.05	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.18	86.3	6.00	5.01	
Total BTX	<0.300	0.300	01/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/16/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	186	93.0	200	0.829	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	182	91.2	200	0.255	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 558 6' (H250233-32)

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	01/16/2025	ND	1.73	86.4	2.00	5.32	
Toluene*	<0.050	0.050	01/16/2025	ND	1.83	91.3	2.00	4.96	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.77	88.3	2.00	5.05	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.18	86.3	6.00	5.01	
Total BTEX	<0.300	0.300	01/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/16/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	186	93.0	200	0.829	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	182	91.2	200	0.255	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 80.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 559 6' (H250233-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.73	86.4	2.00	5.32		
Toluene*	<0.050	0.050	01/16/2025	ND	1.83	91.3	2.00	4.96		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.77	88.3	2.00	5.05		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.18	86.3	6.00	5.01		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	186	93.0	200	0.829	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	182	91.2	200	0.255	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 560 6' (H250233-34)

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	01/16/2025	ND	1.73	86.4	2.00	5.32	
Toluene*	<0.050	0.050	01/16/2025	ND	1.83	91.3	2.00	4.96	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.77	88.3	2.00	5.05	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.18	86.3	6.00	5.01	
Total BTEX	<0.300	0.300	01/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/16/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	186	93.0	200	0.829	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	182	91.2	200	0.255	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 561 6' (H250233-35)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	1.73	86.4	2.00	5.32	
Toluene*	<0.050	0.050	01/16/2025	ND	1.83	91.3	2.00	4.96	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.77	88.3	2.00	5.05	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.18	86.3	6.00	5.01	
Total BTX	<0.300	0.300	01/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	186	93.0	200	0.829	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	182	91.2	200	0.255	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 562 6' (H250233-36)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.73	86.4	2.00	5.32		
Toluene*	<0.050	0.050	01/16/2025	ND	1.83	91.3	2.00	4.96		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.77	88.3	2.00	5.05		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.18	86.3	6.00	5.01		
Total BTX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	186	93.0	200	0.829	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	182	91.2	200	0.255	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.4 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 563 6' (H250233-37)

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	01/16/2025	ND	1.73	86.4	2.00	5.32		
Toluene*	<0.050	0.050	01/16/2025	ND	1.83	91.3	2.00	4.96		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.77	88.3	2.00	5.05		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.18	86.3	6.00	5.01		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	186	93.0	200	0.829	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	182	91.2	200	0.255	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 564 6' (H250233-38)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.85	92.7	2.00	2.98		
Toluene*	<0.050	0.050	01/16/2025	ND	2.02	101	2.00	1.77		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.36	106	6.00	1.29		
Total BTX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	186	93.0	200	0.829	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	182	91.2	200	0.255	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 565 6' (H250233-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.85	92.7	2.00	2.98		
Toluene*	<0.050	0.050	01/16/2025	ND	2.02	101	2.00	1.77		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.36	106	6.00	1.29		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	186	93.0	200	0.829	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	182	91.2	200	0.255	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 566 6' (H250233-40)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.85	92.7	2.00	2.98		
Toluene*	<0.050	0.050	01/16/2025	ND	2.02	101	2.00	1.77		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.36	106	6.00	1.29		
Total BTX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	186	93.0	200	0.829	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	182	91.2	200	0.255	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 567 6' (H250233-41)

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	01/16/2025	ND	1.85	92.7	2.00	2.98		
Toluene*	<0.050	0.050	01/16/2025	ND	2.02	101	2.00	1.77		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.36	106	6.00	1.29		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	192	95.8	200	2.58	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	170	85.1	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 568 6' (H250233-42)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.85	92.7	2.00	2.98		
Toluene*	<0.050	0.050	01/17/2025	ND	2.02	101	2.00	1.77		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.36	106	6.00	1.29		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/16/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	192	95.8	200	2.58	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	170	85.1	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 569 6' (H250233-43)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.85	92.7	2.00	2.98		
Toluene*	<0.050	0.050	01/16/2025	ND	2.02	101	2.00	1.77		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.36	106	6.00	1.29		
Total BTX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/16/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	192	95.8	200	2.58	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	170	85.1	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 570 6' (H250233-44)

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	01/16/2025	ND	1.85	92.7	2.00	2.98		
Toluene*	<0.050	0.050	01/16/2025	ND	2.02	101	2.00	1.77		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.36	106	6.00	1.29		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	192	95.8	200	2.58	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	170	85.1	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 571 6' (H250233-45)

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	01/16/2025	ND	1.85	92.7	2.00	2.98		
Toluene*	<0.050	0.050	01/16/2025	ND	2.02	101	2.00	1.77		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.36	106	6.00	1.29		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	192	95.8	200	2.58	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	170	85.1	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 572 6' (H250233-46)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.85	92.7	2.00	2.98		
Toluene*	<0.050	0.050	01/16/2025	ND	2.02	101	2.00	1.77		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.36	106	6.00	1.29		
Total BTX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/16/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	192	95.8	200	2.58	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	170	85.1	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 573 6' (H250233-47)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.85	92.7	2.00	2.98		
Toluene*	<0.050	0.050	01/16/2025	ND	2.02	101	2.00	1.77		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.36	106	6.00	1.29		
Total BTX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	192	95.8	200	2.58	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	170	85.1	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 574 6' (H250233-48)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.85	92.7	2.00	2.98		
Toluene*	<0.050	0.050	01/16/2025	ND	2.02	101	2.00	1.77		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.36	106	6.00	1.29		
Total BTX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	192	95.8	200	2.58	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	170	85.1	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 575 6' (H250233-49)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.85	92.7	2.00	2.98		
Toluene*	<0.050	0.050	01/16/2025	ND	2.02	101	2.00	1.77		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.36	106	6.00	1.29		
Total BTX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/16/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	192	95.8	200	2.58	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	170	85.1	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 576 6' (H250233-50)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.85	92.7	2.00	2.98		
Toluene*	<0.050	0.050	01/16/2025	ND	2.02	101	2.00	1.77		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.36	106	6.00	1.29		
Total BTX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	192	95.8	200	2.58	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	170	85.1	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 577 6' (H250233-51)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.85	92.7	2.00	2.98		
Toluene*	<0.050	0.050	01/16/2025	ND	2.02	101	2.00	1.77		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.36	106	6.00	1.29		
Total BTX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/16/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	192	95.8	200	2.58	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.1	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 578 6' (H250233-52)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.85	92.7	2.00	2.98		
Toluene*	<0.050	0.050	01/16/2025	ND	2.02	101	2.00	1.77		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.36	106	6.00	1.29		
Total BTX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/16/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	192	95.8	200	2.58	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.1	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 579 6' (H250233-53)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.85	92.7	2.00	2.98		
Toluene*	<0.050	0.050	01/16/2025	ND	2.02	101	2.00	1.77		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.36	106	6.00	1.29		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	192	95.8	200	2.58	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.1	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 580 6' (H250233-54)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.85	92.7	2.00	2.98		
Toluene*	<0.050	0.050	01/16/2025	ND	2.02	101	2.00	1.77		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.36	106	6.00	1.29		
Total BTX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/16/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	192	95.8	200	2.58	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.1	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 581 6' (H250233-55)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.85	92.7	2.00	2.98		
Toluene*	<0.050	0.050	01/16/2025	ND	2.02	101	2.00	1.77		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.36	106	6.00	1.29		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	192	95.8	200	2.58	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.1	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 582 6' (H250233-56)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.85	92.7	2.00	2.98		
Toluene*	<0.050	0.050	01/16/2025	ND	2.02	101	2.00	1.77		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.36	106	6.00	1.29		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	192	95.8	200	2.58	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.1	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.2 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 583 6' (H250233-57)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.85	92.7	2.00	2.98		
Toluene*	<0.050	0.050	01/16/2025	ND	2.02	101	2.00	1.77		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.10	105	2.00	1.24		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.36	106	6.00	1.29		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/16/2025	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	192	95.8	200	2.58	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.1	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 74.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 584 6' (H250233-58)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.88	94.1	2.00	2.85		
Toluene*	<0.050	0.050	01/16/2025	ND	2.04	102	2.00	2.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	2.72		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.19	103	6.00	2.96		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/16/2025	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	192	95.8	200	2.58	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.1	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 70.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 585 6' (H250233-59)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.88	94.1	2.00	2.85		
Toluene*	<0.050	0.050	01/16/2025	ND	2.04	102	2.00	2.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	2.72		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.19	103	6.00	2.96		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/16/2025	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	192	95.8	200	2.58	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.1	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 73.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 586 6' (H250233-60)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	1.88	94.1	2.00	2.85	
Toluene*	<0.050	0.050	01/16/2025	ND	2.04	102	2.00	2.65	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	2.72	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.19	103	6.00	2.96	
Total BTX	<0.300	0.300	01/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/16/2025	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	192	95.8	200	2.58	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.1	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 67.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

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Analytical Results For:

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 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 587 6' (H250233-61)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	1.88	94.1	2.00	2.85	
Toluene*	<0.050	0.050	01/16/2025	ND	2.04	102	2.00	2.65	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	2.72	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.19	103	6.00	2.96	
Total BTX	<0.300	0.300	01/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/16/2025	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	180	89.9	200	0.196	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	170	85.0	200	0.955	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 588 6' (H250233-62)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.88	94.1	2.00	2.85		
Toluene*	<0.050	0.050	01/16/2025	ND	2.04	102	2.00	2.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	2.72		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.19	103	6.00	2.96		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/16/2025	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	180	89.9	200	0.196	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.0	200	0.955	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 76.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 589 6' (H250233-63)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.88	94.1	2.00	2.85		
Toluene*	<0.050	0.050	01/16/2025	ND	2.04	102	2.00	2.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	2.72		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.19	103	6.00	2.96		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/16/2025	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	180	89.9	200	0.196	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.0	200	0.955	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 73.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 590 6' (H250233-64)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.88	94.1	2.00	2.85		
Toluene*	<0.050	0.050	01/16/2025	ND	2.04	102	2.00	2.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	2.72		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.19	103	6.00	2.96		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	180	89.9	200	0.196	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.0	200	0.955	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 591 6' (H250233-65)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	1.88	94.1	2.00	2.85	
Toluene*	<0.050	0.050	01/16/2025	ND	2.04	102	2.00	2.65	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	2.72	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.19	103	6.00	2.96	
Total BTX	<0.300	0.300	01/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/16/2025	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	180	89.9	200	0.196	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.0	200	0.955	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 592 6' (H250233-66)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.88	94.1	2.00	2.85		
Toluene*	<0.050	0.050	01/16/2025	ND	2.04	102	2.00	2.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	2.72		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.19	103	6.00	2.96		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/16/2025	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	180	89.9	200	0.196	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.0	200	0.955	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 593 6' (H250233-67)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.88	94.1	2.00	2.85		
Toluene*	<0.050	0.050	01/16/2025	ND	2.04	102	2.00	2.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	2.72		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.19	103	6.00	2.96		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	180	89.9	200	0.196	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.0	200	0.955	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 594 6' (H250233-68)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.88	94.1	2.00	2.85		
Toluene*	<0.050	0.050	01/16/2025	ND	2.04	102	2.00	2.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	2.72		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.19	103	6.00	2.96		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/16/2025	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	180	89.9	200	0.196	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.0	200	0.955	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 595 6' (H250233-69)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.88	94.1	2.00	2.85		
Toluene*	<0.050	0.050	01/16/2025	ND	2.04	102	2.00	2.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	2.72		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.19	103	6.00	2.96		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/16/2025	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	180	89.9	200	0.196	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.0	200	0.955	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 596 6' (H250233-70)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	1.88	94.1	2.00	2.85	
Toluene*	<0.050	0.050	01/16/2025	ND	2.04	102	2.00	2.65	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	2.72	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.19	103	6.00	2.96	
Total BTX	<0.300	0.300	01/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	180	89.9	200	0.196	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.0	200	0.955	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 597 6' (H250233-71)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	1.88	94.1	2.00	2.85	
Toluene*	<0.050	0.050	01/16/2025	ND	2.04	102	2.00	2.65	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	2.72	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.19	103	6.00	2.96	
Total BTX	<0.300	0.300	01/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/16/2025	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	180	89.9	200	0.196	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.0	200	0.955	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 598 6' (H250233-72)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.88	94.1	2.00	2.85		
Toluene*	<0.050	0.050	01/16/2025	ND	2.04	102	2.00	2.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	2.72		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.19	103	6.00	2.96		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/16/2025	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	180	89.9	200	0.196	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.0	200	0.955	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 599 6' (H250233-73)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.88	94.1	2.00	2.85		
Toluene*	<0.050	0.050	01/16/2025	ND	2.04	102	2.00	2.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	2.72		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.19	103	6.00	2.96		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/16/2025	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	180	89.9	200	0.196	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.0	200	0.955	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 600 6' (H250233-74)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.88	94.1	2.00	2.85		
Toluene*	<0.050	0.050	01/16/2025	ND	2.04	102	2.00	2.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	2.72		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.19	103	6.00	2.96		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/16/2025	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	180	89.9	200	0.196	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.0	200	0.955	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 72.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 601 6' (H250233-75)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.88	94.1	2.00	2.85		
Toluene*	<0.050	0.050	01/16/2025	ND	2.04	102	2.00	2.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	2.72		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.19	103	6.00	2.96		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/16/2025	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	180	89.9	200	0.196	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.0	200	0.955	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 602 6' (H250233-76)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.88	94.1	2.00	2.85		
Toluene*	<0.050	0.050	01/16/2025	ND	2.04	102	2.00	2.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	2.72		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.19	103	6.00	2.96		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/16/2025	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	180	89.9	200	0.196	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.0	200	0.955	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 77.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 603 6' (H250233-77)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.88	94.1	2.00	2.85		
Toluene*	<0.050	0.050	01/16/2025	ND	2.04	102	2.00	2.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	2.72		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.19	103	6.00	2.96		
Total BTX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	180	89.9	200	0.196	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.0	200	0.955	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 604 6' (H250233-78)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	0.182		
Toluene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	6.39		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.20	110	2.00	7.03		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.61	110	6.00	6.71		
Total BTX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	180	89.9	200	0.196	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.0	200	0.955	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 605 6' (H250233-79)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	0.182		
Toluene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	6.39		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.20	110	2.00	7.03		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.61	110	6.00	6.71		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	180	89.9	200	0.196	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.0	200	0.955	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 606 6' (H250233-80)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	0.182		
Toluene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	6.39		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.20	110	2.00	7.03		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.61	110	6.00	6.71		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	180	89.9	200	0.196	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	170	85.0	200	0.955	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 607 6' (H250233-81)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	0.182		
Toluene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	6.39		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.20	110	2.00	7.03		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.61	110	6.00	6.71		
Total BTX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	181	90.6	200	2.50	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	179	89.3	200	0.390	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 75.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 608 6' (H250233-82)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	0.182		
Toluene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	6.39		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.20	110	2.00	7.03		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.61	110	6.00	6.71		
Total BTX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	181	90.6	200	2.50	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	179	89.3	200	0.390	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 609 6' (H250233-83)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	0.182		
Toluene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	6.39		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.20	110	2.00	7.03		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.61	110	6.00	6.71		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	181	90.6	200	2.50	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	179	89.3	200	0.390	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 610 6' (H250233-84)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	0.182		
Toluene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	6.39		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.20	110	2.00	7.03		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.61	110	6.00	6.71		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/16/2025	ND	181	90.6	200	2.50	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	179	89.3	200	0.390	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 72.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 611 6' (H250233-85)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	0.182		
Toluene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	6.39		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.20	110	2.00	7.03		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.61	110	6.00	6.71		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	181	90.6	200	2.50	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	179	89.3	200	0.390	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 71.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 612 6' (H250233-86)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	0.182		
Toluene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	6.39		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.20	110	2.00	7.03		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.61	110	6.00	6.71		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	200	100	200	0.737	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	180	90.2	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 613 6' (H250233-87)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	0.182		
Toluene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	6.39		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.20	110	2.00	7.03		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.61	110	6.00	6.71		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	200	100	200	0.737	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	180	90.2	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 80.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 614 6' (H250233-88)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	0.182		
Toluene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	6.39		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.20	110	2.00	7.03		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.61	110	6.00	6.71		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	200	100	200	0.737	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	180	90.2	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 615 6' (H250233-89)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	0.182		
Toluene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	6.39		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.20	110	2.00	7.03		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.61	110	6.00	6.71		
Total BTX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	200	100	200	0.737	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	180	90.2	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 78.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 616 6' (H250233-90)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	0.182		
Toluene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	6.39		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.20	110	2.00	7.03		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.61	110	6.00	6.71		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	200	100	200	0.737	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	180	90.2	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 74.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO										ANALYSIS REQUEST															
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas																											
Address: 4024 Plains Hwy		Attn: Greg Boans																											
City: Lovington		Address: 5325 Sierra Vista																											
State: NM		City: Carlsbad																											
Zip: 88260		State: NM																											
Phone #: 575 393-3386		Fax #: 575 706-0667																											
Project #:		Project Owner: Murchison Oil & Gas																											
Project Name: Ogden State #4		State: NM																											
Project Location: U/I P Sec 2 T25S - R26E		Zip: 88230																											
Sampler Name: Jerry, Hector, Shawn, Toby		Phone #: 575 706-0667																											
Fax #:		Fax #:																											
FOR LAB USE ONLY		MATRIX		PRESERV.		SAMPLING																							
		GROUNDWATER																											
		WASTEWATER																											
		SOIL																											
		OIL																											
		SLUDGE																											
		OTHER :																											
		ACID/BASE:																											
		ICE / COOL																											
		OTHER :																											
Lab I.D.		Sample I.D.		Depth		(G)RAB OR (C)OMP.		# CONTAINERS		DATE		TIME		Chloride		TPH		BTEx 802											
21 FL547		6'		C		1		X		1/16/25		825		X		X		X											
22 FL548		6'		C		1		X		1/16/25		826		X		X		X											
23 FL549		6'		C		1		X		1/16/25		827		X		X		X											
24 FL550		6'		C		1		X		1/16/25		828		X		X		X											
25 FL551		6'		C		1		X		1/16/25		829		X		X		X											
26 FL552		6'		C		1		X		1/16/25		830		X		X		X											
27 FL553		6'		C		1		X		1/16/25		831		X		X		X											
28 FL554		6'		C		1		X		1/16/25		832		X		X		X											
29 FL555		6'		C		1		X		1/16/25		833		X		X		X											
30 FL556		6'		C		1		X		1/16/25		834		X		X		X											
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Relinquished By:		Date: 1-16-25		Received By:		Date: 1-16-25		Time: 1400		Received By:		Time: 1400		Sample Condition		Cool		Intact		Checked By: (Initials)									
Relinquished By:		Date:		Received By:		Date:		Time:		Received By:		Time:		Sample Condition		Cool		Intact		Checked By: (Initials)									
Delivered By: (Circle One)		AF-0.63 #140		1.12/0.52		No		No		No		No		No		No		No		No									
Sampler - UPS - Bus - Other:		1.12/0.52		No		No		No		No		No		No		No		No		No									
† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476																													



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:						Hungry Horse LLC															
Project Manager:						Daniel Dominguez															
Address:						4024 Plains Hwy															
City:			Lovington	State:	NM	Zip:	88260	P.O.#:	Murchison Oil & Gas												
Phone #:			575-393-3386	Fax #:				Attn:	Greg Boans												
Project #:				Project Owner:		Murchison Oil & Gas		Address: 5325 Sierra Vista													
Project Name:			Ogden State #4	City:		Carlsbad		State: NM Zip: 88230													
Project Location:			UL/P Sec 2 T2S - R26E	Phone #:		575-706-0667															
Sampler Name:			Jerry, Hector, Shawn, Toby	Fax #:																	
FOR LAB USE ONLY																					
Lab I.D.			Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX			PRESERV.	SAMPLING										
							GROUNDWATER														
							WASTEWATER														
							SOIL														
							OIL														
							SLUDGE														
							OTHER :														
							ACID/BASE :														
							ICE / COOL														
							OTHER :														
							DATE	TIME	Chloride	TPH	BTEX 8021										
FL557			6'	C	1	X			1/16/25	835	X	X	X								
FL558			6'	C	1	X			1/16/25	836	X	X	X								
FL559			6'	C	1	X			1/16/25	837	X	X	X								
FL560			6'	C	1	X			1/16/25	838	X	X	X								
FL561			6'	C	1	X			1/16/25	839	X	X	X								
FL562			6'	C	1	X			1/16/25	840	X	X	X								
FL563			6'	C	1	X			1/16/25	841	X	X	X								
FL564			6'	C	1	X			1/16/25	842	X	X	X								
FL565			6'	C	1	X			1/16/25	843	X	X	X								
FL566			6'	C	1	X			1/16/25	844	X	X	X								
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Relinquished By:						Date:	1/16/25	Received By:	[Signature]	Phone Result:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:		Fax Result:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:					
Relinquished By:						Date:		Received By:		REMARKS: Email results to: pm@hungry-horse.com 24 hr RUSH gboans@jdmil.com											
Delivered By: (Circle One) Sampler - UPS - Bus - Other:						Sample Condition <input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						CHECKED BY: [Initials]									



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:						Hungry Horse LLC						BILL TO						ANALYSIS REQUEST					
Project Manager:						Daniel Dominguez						P.O. #:											
Address:						4024 Plains Hwy						Company:						Murchison Oil & Gas					
City:						Lovington						Attn:						Greg Boans					
Phone #:						575 393-3386						Address:						5325 Sierra Vista					
Fax #:												City:						Carlsbad					
Project #:												State:						NM Zip: 88230					
Project Name:						Ogden State #4						Phone #:						575 706-0667					
Project Location:						UL/P Sec 2 T2S - R26E						Fax #:											
Sampler Name:						Jerry, Hector, Shawn, Toby						Matrix:						PRESERV.					
FOR LAB USE ONLY												GROUNDWATER						SAMPLELING					
Lab I.D.						Sample I.D.						Depth						(G)RAB OR (C)OMP.					
#250333												# CONTAINERS											
41						FL567						6'						C 1					
42						FL568						6'						C 1					
43						FL569						6'						C 1					
44						FL570						6'						C 1					
45						FL571						6'						C 1					
46						FL572						6'						C 1					
47						FL573						6'						C 1					
48						FL574						6'						C 1					
49						FL575						6'						C 1					
50						FL576						6'						C 1					
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Relinquished By:						Date: 1/16/25 Time: 1:400 Received By: [Signature]						CHECKED BY: (Initials)											
Relinquished By:						Date: Time: Received By:																	
Delivered By: (Circle One)						Sample Condition Cool Intact Yes No						Checked By: (Initials)											
Sampler - UPS - Bus - Other:						1-16/0.5c																	



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC				P.O. #:				BILL TO				ANALYSIS REQUEST			
Project Manager: Daniel Dominguez				Company: Murchison Oil & Gas											
Address: 4024 Plains Hwy				Attn: Greg Boans											
City: Lovington		State: NM		Zip: 88260		Address: 5325 Sierra Vista									
Phone #: 575 393-3386		Fax #:				City: Carlsbad									
Project #:		Project Owner: Murchison Oil & Gas				State: NM		Zip: 88230							
Project Name: Ogden State #4						Phone #: 575 706-0667									
Project Location: U/L P Sec 2 T25S - R28E						Fax #:									
Sampler Name: Jerry, Hector, Shawn, Toby						PRESERV.		SAMPLING							
FOR LAB USE ONLY															
Lab I.D.		Sample I.D.		Depth		(G)RAB OR (C)OMP.		# CONTAINERS		DATE		TIME		Chloride	
H350333		71		FL597		C		1		1/16/25		915		X	
		72		FL598		C		1		1/16/25		916		X	
		73		FL599		C		1		1/16/25		917		X	
		74		FL600		C		1		1/16/25		918		X	
		75		FL601		C		1		1/16/25		919		X	
		76		FL602		C		1		1/16/25		920		X	
		77		FL603		C		1		1/16/25		921		X	
		78		FL604		C		1		1/16/25		922		X	
		79		FL605		C		1		1/16/25		923		X	
		80		FL606		C		1		1/16/25		924		X	
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Relinquished By:				Date: 1-16-25		Received By:				Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Phone #:			
				Time: 1400						Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Fax #:			
Relinquished By:				Date:		Received By:									
				Time:											
Delivered By: (Circle One)				Sample Condition		CHECKED BY:									
Cool Intact				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		(Initials)									
Sampler - UPS - Bus - Other:				1-12 / 0.5		270									
Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476															



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas					
Address: 4024 Plains Hwy		Attn: Greg Boans					
City: Lovington	State: NM	Zip: 88260					
Phone #: 575 393-3386	Fax #:	Address: 5325 Sierra Vista					
Project #:	Project Owner: Murchison Oil & Gas	City: Carlsbad	State: NM	Zip: 88230			
Project Name: Ogden State #4		Project Location: U/L P Sec 2 T25S - R26E		Phone #: 575 706-0667			
Sampler Name: Jerry, Hector, Shawn, Toby		Fax #:					

Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX										DATE	TIME	Chloride	TPH	BTX 8021
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :						
81	FL607	6'	C	1	X														
82	FL608	6'	C	1	X														
83	FL609	6'	C	1	X														
84	FL610	6'	C	1	X														
85	FL611	6'	C	1	X														
86	FL612	6'	C	1	X														
87	FL613	6'	C	1	X														
88	FL614	6'	C	1	X														
89	FL615	6'	C	1	X														
90	FL616	6'	C	1	X														

Relinquished By:	Date: 1-16-25	Received By:	Date: 1-16-25
Relinquished By:	Date:	Received By:	Date:
Delivered By: (Circle One)	Sample Condition	CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		
	No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>		

Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
REMARKS:	
Email results to: pm@hungry-horse.com	
gboans@jdmil.com	

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

January 17, 2025

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: OGDEN STATE 4

Enclosed are the results of analyses for samples received by the laboratory on 01/16/25 14:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 707 10' (H250234-01)

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	01/16/2025	ND	2.08	104	2.00	0.182		
Toluene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	6.39		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.20	110	2.00	7.03		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.61	110	6.00	6.71		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	200	100	200	0.737	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	180	90.2	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 79.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 708 10' (H250234-02)

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	01/16/2025	ND	2.08	104	2.00	0.182		
Toluene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	6.39		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.20	110	2.00	7.03		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.61	110	6.00	6.71		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	200	100	200	0.737	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	180	90.2	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 709 10' (H250234-03)

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	01/16/2025	ND	2.08	104	2.00	0.182	
Toluene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	6.39	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.20	110	2.00	7.03	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.61	110	6.00	6.71	
Total BTEX	<0.300	0.300	01/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/17/2025	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	200	100	200	0.737	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	180	90.2	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 710 10' (H250234-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	0.182		
Toluene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	6.39		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.20	110	2.00	7.03		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.61	110	6.00	6.71		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	200	100	200	0.737	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	180	90.2	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 711 10' (H250234-05)

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	01/16/2025	ND	2.08	104	2.00	0.182		
Toluene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	6.39		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.20	110	2.00	7.03		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.61	110	6.00	6.71		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	200	100	200	0.737	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	180	90.2	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 71.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 712 10' (H250234-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	2.08	104	2.00	0.182		
Toluene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	6.39		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.20	110	2.00	7.03		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.61	110	6.00	6.71		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	200	100	200	0.737	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	180	90.2	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 713 10' (H250234-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	0.182	
Toluene*	<0.050	0.050	01/17/2025	ND	2.11	106	2.00	6.39	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.20	110	2.00	7.03	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.61	110	6.00	6.71	
Total BTEX	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/17/2025	ND	464	116	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	01/17/2025	ND	200	100	200	0.737	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	180	90.2	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 76.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 714 10' (H250234-08)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	2.15	107	2.00	0.112	
Toluene*	<0.050	0.050	01/16/2025	ND	2.16	108	2.00	0.397	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.22	111	2.00	1.49	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.41	107	6.00	1.58	
Total BTEX	<0.300	0.300	01/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	464	116	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	01/17/2025	ND	200	100	200	0.737	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	180	90.2	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 715 20' (H250234-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	2.15	107	2.00	0.112		
Toluene*	<0.050	0.050	01/16/2025	ND	2.16	108	2.00	0.397		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.22	111	2.00	1.49		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.41	107	6.00	1.58		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	ND	464	116	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	01/17/2025	ND	200	100	200	0.737	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	180	90.2	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 716 20' (H250234-10)

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	01/16/2025	ND	2.15	107	2.00	0.112		
Toluene*	<0.050	0.050	01/16/2025	ND	2.16	108	2.00	0.397		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.22	111	2.00	1.49		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.41	107	6.00	1.58		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	464	116	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	01/17/2025	ND	200	100	200	0.737	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	180	90.2	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 75.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 717 20' (H250234-11)

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	01/16/2025	ND	2.15	107	2.00	0.112		
Toluene*	<0.050	0.050	01/16/2025	ND	2.16	108	2.00	0.397		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.22	111	2.00	1.49		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.41	107	6.00	1.58		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	464	116	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	01/17/2025	ND	200	100	200	0.737	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	180	90.2	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 718 20' (H250234-12)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	2.15	107	2.00	0.112	
Toluene*	<0.050	0.050	01/16/2025	ND	2.16	108	2.00	0.397	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.22	111	2.00	1.49	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.41	107	6.00	1.58	
Total BTX	<0.300	0.300	01/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	464	116	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	01/17/2025	ND	200	100	200	0.737	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	180	90.2	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 719 20' (H250234-13)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	2.15	107	2.00	0.112		
Toluene*	<0.050	0.050	01/16/2025	ND	2.16	108	2.00	0.397		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.22	111	2.00	1.49		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.41	107	6.00	1.58		
Total BTX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	ND	464	116	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	01/17/2025	ND	200	100	200	0.737	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	180	90.2	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 720 6' (H250234-14)

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	01/16/2025	ND	2.15	107	2.00	0.112		
Toluene*	<0.050	0.050	01/16/2025	ND	2.16	108	2.00	0.397		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.22	111	2.00	1.49		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.41	107	6.00	1.58		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	ND	464	116	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	01/17/2025	ND	200	100	200	0.737	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	180	90.2	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 77.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 721 6' (H250234-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	2.15	107	2.00	0.112		
Toluene*	<0.050	0.050	01/16/2025	ND	2.16	108	2.00	0.397		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.22	111	2.00	1.49		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.41	107	6.00	1.58		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	ND	464	116	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	01/17/2025	ND	200	100	200	0.737	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	180	90.2	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 722 6' (H250234-16)

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	01/16/2025	ND	2.15	107	2.00	0.112		
Toluene*	<0.050	0.050	01/16/2025	ND	2.16	108	2.00	0.397		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.22	111	2.00	1.49		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.41	107	6.00	1.58		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	ND	464	116	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	01/16/2025	ND	184	92.1	200	1.14	
DRO >C10-C28*	<10.0	10.0	01/16/2025	ND	191	95.3	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	01/16/2025	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 723 6' (H250234-17)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	2.15	107	2.00	0.112	
Toluene*	<0.050	0.050	01/16/2025	ND	2.16	108	2.00	0.397	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.22	111	2.00	1.49	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.41	107	6.00	1.58	
Total BTX	<0.300	0.300	01/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/17/2025	ND	464	116	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	01/17/2025	ND	184	92.1	200	1.14	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	191	95.3	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 724 6' (H250234-18)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	2.15	107	2.00	0.112		
Toluene*	<0.050	0.050	01/16/2025	ND	2.16	108	2.00	0.397		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.22	111	2.00	1.49		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.41	107	6.00	1.58		
Total BTX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	ND	464	116	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	01/17/2025	ND	184	92.1	200	1.14	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	191	95.3	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 725 6' (H250234-19)

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	01/16/2025	ND	2.15	107	2.00	0.112		
Toluene*	<0.050	0.050	01/16/2025	ND	2.16	108	2.00	0.397		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.22	111	2.00	1.49		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.41	107	6.00	1.58		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/17/2025	ND	464	116	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	01/17/2025	ND	184	92.1	200	1.14	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	191	95.3	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 726 6' (H250234-20)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	2.15	107	2.00	0.112		
Toluene*	<0.050	0.050	01/16/2025	ND	2.16	108	2.00	0.397		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.22	111	2.00	1.49		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.41	107	6.00	1.58		
Total BTX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	ND	464	116	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	01/17/2025	ND	184	92.1	200	1.14	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	191	95.3	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 727 6' (H250234-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	2.15	107	2.00	0.112		
Toluene*	<0.050	0.050	01/16/2025	ND	2.16	108	2.00	0.397		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.22	111	2.00	1.49		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.41	107	6.00	1.58		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/17/2025	ND	464	116	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	01/17/2025	ND	184	92.1	200	1.14	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	191	95.3	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 728 6' (H250234-22)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	2.15	107	2.00	0.112		
Toluene*	<0.050	0.050	01/16/2025	ND	2.16	108	2.00	0.397		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.22	111	2.00	1.49		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.41	107	6.00	1.58		
Total BTX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	ND	464	116	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	01/17/2025	ND	184	92.1	200	1.14	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	191	95.3	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 729 6' (H250234-23)

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	01/17/2025	ND	2.15	107	2.00	0.112		
Toluene*	<0.050	0.050	01/17/2025	ND	2.16	108	2.00	0.397		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.22	111	2.00	1.49		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.41	107	6.00	1.58		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/17/2025	ND	464	116	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	01/17/2025	ND	184	92.1	200	1.14	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	191	95.3	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 730 6' (H250234-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	2.15	107	2.00	0.112		
Toluene*	<0.050	0.050	01/17/2025	ND	2.16	108	2.00	0.397		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.22	111	2.00	1.49		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.41	107	6.00	1.58		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	ND	464	116	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	01/17/2025	ND	184	92.1	200	1.14	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	191	95.3	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 731 6' (H250234-25)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	2.15	107	2.00	0.112	
Toluene*	<0.050	0.050	01/17/2025	ND	2.16	108	2.00	0.397	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.22	111	2.00	1.49	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.41	107	6.00	1.58	
Total BTX	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	ND	464	116	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	01/17/2025	ND	184	92.1	200	1.14	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	191	95.3	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 732 6' (H250234-26)

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	01/17/2025	ND	2.15	107	2.00	0.112		
Toluene*	<0.050	0.050	01/17/2025	ND	2.16	108	2.00	0.397		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.22	111	2.00	1.49		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.41	107	6.00	1.58		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	ND	464	116	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	01/17/2025	ND	184	92.1	200	1.14	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	191	95.3	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 733 6' (H250234-27)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	2.15	107	2.00	0.112		
Toluene*	<0.050	0.050	01/17/2025	ND	2.16	108	2.00	0.397		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.22	111	2.00	1.49		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.41	107	6.00	1.58		
Total BTX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	184	92.1	200	1.14	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	191	95.3	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 734 6' (H250234-28)

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	01/16/2025	ND	1.84	92.2	2.00	1.49		
Toluene*	<0.050	0.050	01/16/2025	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.95	97.6	2.00	1.41		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.74	95.7	6.00	1.25		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	184	92.1	200	1.14	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	191	95.3	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 735 6' (H250234-29)

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	01/16/2025	ND	1.84	92.2	2.00	1.49		
Toluene*	<0.050	0.050	01/16/2025	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.95	97.6	2.00	1.41		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.74	95.7	6.00	1.25		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	184	92.1	200	1.14	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	191	95.3	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 736 6' (H250234-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.84	92.2	2.00	1.49		
Toluene*	<0.050	0.050	01/16/2025	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.95	97.6	2.00	1.41		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.74	95.7	6.00	1.25		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	184	92.1	200	1.14	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	191	95.3	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 737 6' (H250234-31)

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	01/16/2025	ND	1.84	92.2	2.00	1.49		
Toluene*	<0.050	0.050	01/16/2025	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.95	97.6	2.00	1.41		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.74	95.7	6.00	1.25		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	184	92.1	200	1.14	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	191	95.3	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 738 6' (H250234-32)

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	01/16/2025	ND	1.84	92.2	2.00	1.49		
Toluene*	<0.050	0.050	01/16/2025	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.95	97.6	2.00	1.41		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.74	95.7	6.00	1.25		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	184	92.1	200	1.14	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	191	95.3	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 73.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 739 6' (H250234-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.84	92.2	2.00	1.49		
Toluene*	<0.050	0.050	01/16/2025	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.95	97.6	2.00	1.41		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.74	95.7	6.00	1.25		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	184	92.1	200	1.14	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	191	95.3	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 76.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 740 6' (H250234-34)

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	01/16/2025	ND	1.84	92.2	2.00	1.49		
Toluene*	<0.050	0.050	01/16/2025	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.95	97.6	2.00	1.41		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.74	95.7	6.00	1.25		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	184	92.1	200	1.14	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	191	95.3	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 741 6' (H250234-35)

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	01/16/2025	ND	1.84	92.2	2.00	1.49		
Toluene*	<0.050	0.050	01/16/2025	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.95	97.6	2.00	1.41		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.74	95.7	6.00	1.25		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	184	92.1	200	1.14	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	191	95.3	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 742 6' (H250234-36)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.84	92.2	2.00	1.49		
Toluene*	<0.050	0.050	01/16/2025	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.95	97.6	2.00	1.41		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.74	95.7	6.00	1.25		
Total BTX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	186	92.8	200	1.77	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	160	79.9	200	5.59	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.8 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 743 6' (H250234-37)

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	01/16/2025	ND	1.84	92.2	2.00	1.49		
Toluene*	<0.050	0.050	01/16/2025	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.95	97.6	2.00	1.41		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.74	95.7	6.00	1.25		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	186	92.8	200	1.77	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	160	79.9	200	5.59	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 744 6' (H250234-38)

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	01/16/2025	ND	1.84	92.2	2.00	1.49		
Toluene*	<0.050	0.050	01/16/2025	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.95	97.6	2.00	1.41		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.74	95.7	6.00	1.25		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	186	92.8	200	1.77	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	160	79.9	200	5.59	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 87 0-10' (H250234-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.84	92.2	2.00	1.49		
Toluene*	<0.050	0.050	01/16/2025	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.95	97.6	2.00	1.41		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.74	95.7	6.00	1.25		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	186	92.8	200	1.77	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	160	79.9	200	5.59	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 88 6-10' (H250234-40)

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	01/16/2025	ND	1.84	92.2	2.00	1.49		
Toluene*	<0.050	0.050	01/16/2025	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.95	97.6	2.00	1.41		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.74	95.7	6.00	1.25		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	186	92.8	200	1.77	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	160	79.9	200	5.59	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 89 6-10' (H250234-41)

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	01/16/2025	ND	1.84	92.2	2.00	1.49		
Toluene*	<0.050	0.050	01/16/2025	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.95	97.6	2.00	1.41		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.74	95.7	6.00	1.25		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	186	92.8	200	1.77	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	160	79.9	200	5.59	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 68.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: SW 90 6-10' (H250234-42)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.84	92.2	2.00	1.49		
Toluene*	<0.050	0.050	01/16/2025	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.95	97.6	2.00	1.41		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.74	95.7	6.00	1.25		
Total BTEX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	186	92.8	200	1.77	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	160	79.9	200	5.59	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
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Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 91 6-10' (H250234-43)

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	01/16/2025	ND	1.84	92.2	2.00	1.49		
Toluene*	<0.050	0.050	01/16/2025	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.95	97.6	2.00	1.41		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.74	95.7	6.00	1.25		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/17/2025	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	186	92.8	200	1.77	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	160	79.9	200	5.59	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 92 6-8' (H250234-44)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.84	92.2	2.00	1.49		
Toluene*	<0.050	0.050	01/16/2025	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.95	97.6	2.00	1.41		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.74	95.7	6.00	1.25		
Total BTX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	186	92.8	200	1.77	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	160	79.9	200	5.59	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
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 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: SW 93 6-8' (H250234-45)

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	01/16/2025	ND	1.84	92.2	2.00	1.49		
Toluene*	<0.050	0.050	01/16/2025	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	1.95	97.6	2.00	1.41		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	5.74	95.7	6.00	1.25		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	186	92.8	200	1.77	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	160	79.9	200	5.59	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 94 0-6' (H250234-46)

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	01/17/2025	ND	1.84	92.2	2.00	1.49		
Toluene*	<0.050	0.050	01/17/2025	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.95	97.6	2.00	1.41		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.74	95.7	6.00	1.25		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	186	92.8	200	1.77	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	160	79.9	200	5.59	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
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 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: SW 95 0-6' (H250234-47)

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	01/17/2025	ND	1.84	92.2	2.00	1.49		
Toluene*	<0.050	0.050	01/17/2025	ND	2.00	99.9	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.95	97.6	2.00	1.41		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.74	95.7	6.00	1.25		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/17/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	186	92.8	200	1.77	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	160	79.9	200	5.59	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
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 P.O. Box 1058
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 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 96 0-6' (H250234-48)

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	01/16/2025	ND	1.89	94.5	2.00	1.84		
Toluene*	<0.050	0.050	01/16/2025	ND	2.03	102	2.00	3.17		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.11	105	2.00	3.59		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.41	107	6.00	3.14		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/17/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	186	92.8	200	1.77	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	160	79.9	200	5.59	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.9 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
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 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 97 0-6' (H250234-49)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	1.89	94.5	2.00	1.84	
Toluene*	<0.050	0.050	01/16/2025	ND	2.03	102	2.00	3.17	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.11	105	2.00	3.59	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.41	107	6.00	3.14	
Total BTX	<0.300	0.300	01/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/17/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	186	92.8	200	1.77	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	160	79.9	200	5.59	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: SW 98 0-6' (H250234-50)

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	01/16/2025	ND	1.89	94.5	2.00	1.84		
Toluene*	<0.050	0.050	01/16/2025	ND	2.03	102	2.00	3.17		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.11	105	2.00	3.59		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.41	107	6.00	3.14		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/17/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	186	92.8	200	1.77	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	160	79.9	200	5.59	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.6 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 99 0-6' (H250234-51)

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	01/16/2025	ND	1.89	94.5	2.00	1.84		
Toluene*	<0.050	0.050	01/16/2025	ND	2.03	102	2.00	3.17		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.11	105	2.00	3.59		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.41	107	6.00	3.14		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	186	92.8	200	1.77	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	160	79.9	200	5.59	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 100 0-6' (H250234-52)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.89	94.5	2.00	1.84		
Toluene*	<0.050	0.050	01/16/2025	ND	2.03	102	2.00	3.17		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.11	105	2.00	3.59		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.41	107	6.00	3.14		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/17/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	186	92.8	200	1.77	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	160	79.9	200	5.59	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 101 0-10' (H250234-53)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.89	94.5	2.00	1.84		
Toluene*	<0.050	0.050	01/16/2025	ND	2.03	102	2.00	3.17		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.11	105	2.00	3.59		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.41	107	6.00	3.14		
Total BTX	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/17/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	186	92.8	200	1.77	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	160	79.9	200	5.59	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 102 0-10' (H250234-54)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.89	94.5	2.00	1.84		
Toluene*	<0.050	0.050	01/16/2025	ND	2.03	102	2.00	3.17		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.11	105	2.00	3.59		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.41	107	6.00	3.14		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/17/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	186	92.8	200	1.77	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	160	79.9	200	5.59	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 73.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 103 0-10' (H250234-55)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.89	94.5	2.00	1.84		
Toluene*	<0.050	0.050	01/16/2025	ND	2.03	102	2.00	3.17		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.11	105	2.00	3.59		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.41	107	6.00	3.14		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/17/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	186	92.8	200	1.77	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	160	79.9	200	5.59	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 104 0-10' (H250234-56)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	1.89	94.5	2.00	1.84	
Toluene*	<0.050	0.050	01/17/2025	ND	2.03	102	2.00	3.17	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	3.59	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.41	107	6.00	3.14	
Total BTX	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	188	94.1	200	1.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	186	93.1	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: SW 105 0-6' (H250234-57)

BTX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	1.89	94.5	2.00	1.84	
Toluene*	<0.050	0.050	01/17/2025	ND	2.03	102	2.00	3.17	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	3.59	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.41	107	6.00	3.14	
Total BTX	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/17/2025	ND	448	112	400	3.64	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	188	94.1	200	1.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	186	93.1	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 106 0-6' (H250234-58)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	1.89	94.5	2.00	1.84	
Toluene*	<0.050	0.050	01/17/2025	ND	2.03	102	2.00	3.17	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	3.59	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.41	107	6.00	3.14	
Total BTX	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/17/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	188	94.1	200	1.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	186	93.1	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 107 0-6' (H250234-59)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	1.89	94.5	2.00	1.84	
Toluene*	<0.050	0.050	01/17/2025	ND	2.03	102	2.00	3.17	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	3.59	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.41	107	6.00	3.14	
Total BTEx	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	188	94.1	200	1.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	186	93.1	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 108 0-6' (H250234-60)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	1.89	94.5	2.00	1.84	
Toluene*	<0.050	0.050	01/17/2025	ND	2.03	102	2.00	3.17	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	3.59	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.41	107	6.00	3.14	
Total BTX	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/17/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	188	94.1	200	1.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	186	93.1	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 109 0-6' (H250234-61)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.89	94.5	2.00	1.84		
Toluene*	<0.050	0.050	01/17/2025	ND	2.03	102	2.00	3.17		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	3.59		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.41	107	6.00	3.14		
Total BTX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/17/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	188	94.1	200	1.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	186	93.1	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 77.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 110 0-6' (H250234-62)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.89	94.5	2.00	1.84		
Toluene*	<0.050	0.050	01/17/2025	ND	2.03	102	2.00	3.17		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	3.59		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.41	107	6.00	3.14		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	188	94.1	200	1.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	186	93.1	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 111 0-6' (H250234-63)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.89	94.5	2.00	1.84		
Toluene*	<0.050	0.050	01/17/2025	ND	2.03	102	2.00	3.17		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	3.59		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.41	107	6.00	3.14		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	188	94.1	200	1.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	186	93.1	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 79.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 112 0-10' (H250234-64)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.89	94.5	2.00	1.84		
Toluene*	<0.050	0.050	01/17/2025	ND	2.03	102	2.00	3.17		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	3.59		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.41	107	6.00	3.14		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/17/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	188	94.1	200	1.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	186	93.1	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 113 0-10' (H250234-65)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.89	94.5	2.00	1.84		
Toluene*	<0.050	0.050	01/17/2025	ND	2.03	102	2.00	3.17		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	3.59		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.41	107	6.00	3.14		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	188	94.1	200	1.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	186	93.1	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 114 0-10' (H250234-66)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.89	94.5	2.00	1.84		
Toluene*	<0.050	0.050	01/17/2025	ND	2.03	102	2.00	3.17		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	3.59		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.41	107	6.00	3.14		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	188	94.1	200	1.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	186	93.1	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 115 0-10' (H250234-67)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.89	94.5	2.00	1.84		
Toluene*	<0.050	0.050	01/17/2025	ND	2.03	102	2.00	3.17		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	3.59		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.41	107	6.00	3.14		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	ND	432	108	400	0.00	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	01/17/2025	ND	188	94.1	200	1.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	186	93.1	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 116 0-10' (H250234-68)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.99	99.5	2.00	0.523		
Toluene*	<0.050	0.050	01/16/2025	ND	2.10	105	2.00	0.836		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	0.995		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.26	104	6.00	1.03		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	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	01/17/2025	ND	188	94.1	200	1.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	186	93.1	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 117 0-6' (H250234-69)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	1.99	99.5	2.00	0.523	
Toluene*	<0.050	0.050	01/16/2025	ND	2.10	105	2.00	0.836	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	0.995	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.26	104	6.00	1.03	
Total BTEx	<0.300	0.300	01/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/17/2025	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	01/17/2025	ND	188	94.1	200	1.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	186	93.1	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 118 0-6' (H250234-70)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.99	99.5	2.00	0.523		
Toluene*	<0.050	0.050	01/16/2025	ND	2.10	105	2.00	0.836		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	0.995		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.26	104	6.00	1.03		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	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	01/17/2025	ND	188	94.1	200	1.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	186	93.1	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 119 0-6' (H250234-71)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.99	99.5	2.00	0.523		
Toluene*	<0.050	0.050	01/16/2025	ND	2.10	105	2.00	0.836		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	0.995		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.26	104	6.00	1.03		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/17/2025	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	01/17/2025	ND	188	94.1	200	1.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	186	93.1	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 120 0-6' (H250234-72)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/16/2025	ND	1.99	99.5	2.00	0.523	
Toluene*	<0.050	0.050	01/16/2025	ND	2.10	105	2.00	0.836	
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	0.995	
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.26	104	6.00	1.03	
Total BTEx	<0.300	0.300	01/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/17/2025	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	01/17/2025	ND	188	94.1	200	1.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	186	93.1	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 121 6-10' (H250234-73)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/16/2025	ND	1.99	99.5	2.00	0.523		
Toluene*	<0.050	0.050	01/16/2025	ND	2.10	105	2.00	0.836		
Ethylbenzene*	<0.050	0.050	01/16/2025	ND	2.11	106	2.00	0.995		
Total Xylenes*	<0.150	0.150	01/16/2025	ND	6.26	104	6.00	1.03		
Total BTEx	<0.300	0.300	01/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	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	01/17/2025	ND	188	94.1	200	1.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	186	93.1	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 122 6-10' (H250234-74)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.99	99.5	2.00	0.523		
Toluene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	0.836		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.11	106	2.00	0.995		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.26	104	6.00	1.03		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/17/2025	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	01/17/2025	ND	188	94.1	200	1.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	186	93.1	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 123 6-10' (H250234-75)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	1.99	99.5	2.00	0.523	
Toluene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	0.836	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.11	106	2.00	0.995	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.26	104	6.00	1.03	
Total BTEx	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	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	01/17/2025	ND	188	94.1	200	1.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	186	93.1	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 124 6-10' (H250234-76)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.99	99.5	2.00	0.523		
Toluene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	0.836		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.11	106	2.00	0.995		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.26	104	6.00	1.03		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	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	01/17/2025	ND	171	85.3	200	0.252	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	169	84.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 76.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 125 6-20' (H250234-77)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.99	99.5	2.00	0.523		
Toluene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	0.836		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.11	106	2.00	0.995		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.26	104	6.00	1.03		
Total BTX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	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	01/17/2025	ND	171	85.3	200	0.252	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	169	84.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 126 6-20' (H250234-78)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.99	99.5	2.00	0.523		
Toluene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	0.836		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.11	106	2.00	0.995		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.26	104	6.00	1.03		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/17/2025	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	01/17/2025	ND	171	85.3	200	0.252	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	169	84.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 78.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 127 6-10' (H250234-79)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.99	99.5	2.00	0.523		
Toluene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	0.836		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.11	106	2.00	0.995		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.26	104	6.00	1.03		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	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	01/17/2025	ND	171	85.3	200	0.252	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	169	84.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 74.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 128 10-20' (H250234-80)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.99	99.5	2.00	0.523		
Toluene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	0.836		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.11	106	2.00	0.995		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.26	104	6.00	1.03		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	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	01/17/2025	ND	171	85.3	200	0.252	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	169	84.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 129 10-20' (H250234-81)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.99	99.5	2.00	0.523		
Toluene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	0.836		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.11	106	2.00	0.995		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.26	104	6.00	1.03		
Total BTX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/17/2025	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	01/17/2025	ND	171	85.3	200	0.252	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	169	84.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 75.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 130 10-20' (H250234-82)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.99	99.5	2.00	0.523		
Toluene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	0.836		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.11	106	2.00	0.995		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.26	104	6.00	1.03		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	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	01/17/2025	ND	171	85.3	200	0.252	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	169	84.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 131 10-20' (H250234-83)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.99	99.5	2.00	0.523		
Toluene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	0.836		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.11	106	2.00	0.995		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.26	104	6.00	1.03		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	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	01/17/2025	ND	171	85.3	200	0.252	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	169	84.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.9 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 132 10-20' (H250234-84)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.99	99.5	2.00	0.523		
Toluene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	0.836		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.11	106	2.00	0.995		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.26	104	6.00	1.03		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/17/2025	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	01/17/2025	ND	171	85.3	200	0.252	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	169	84.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO		ANALYSIS REQUEST																						
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas																										
Address: 4024 Plains Hwy		Attn: Greg Boans																										
City: Lovington	State: NM	Zip: 88260																										
Phone #: 575 393-3386	Fax #:	Address: 5325 Sierra Vista																										
Project #:	Project Owner: Murchison Oil & Gas	City: Carlsbad	State: NM	Zip: 88230																								
Project Name: Ogden State #4		State: NM		Zip: 88230																								
Project Location: U/L P Sec 2 T25S - R26E		Phone #: 575 706-0667																										
Sampler Name: Jerry, Hector, Shawn, Toby		Fax #:																										
FOR LAB USE ONLY																												
Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING																	
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH	BTEX 8021										
H350234	1	FL707	10'	C 1	X									1/16/25	1105	X	X	X										
	2	FL708	10'	C 1	X									1/16/25	1106	X	X	X										
	3	FL709	10'	C 1	X									1/16/25	1107	X	X	X										
	4	FL710	10'	C 1	X									1/16/25	1108	X	X	X										
	5	FL711	10'	C 1	X									1/16/25	1109	X	X	X										
	6	FL712	10'	C 1	X									1/16/25	1110	X	X	X										
	7	FL713	10'	C 1	X									1/16/25	1111	X	X	X										
	8	FL714	10'	C 1	X									1/16/25	1112	X	X	X										
	9	FL715	20'	C 1	X									1/16/25	1113	X	X	X										
	10	FL716	20'	C 1	X									1/16/25	1114	X	X	X										
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Relinquished By:		Date: 1/16-25	Received By:																									
Time: 1400		Received By:																										
Date:		Received By:																										
Time:		Received By:																										
Delivered By: (Circle One)		Sample Condition		CHECKED BY:																								
Sampler - UPS - Bus - Other: 1.1c 10.5c		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Initials: YP																								
Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476																												

24 hr RUSH

pm@hungry-horse.com

gboans@idmii.com



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC						P.O. #:						BILL TO																																									
Project Manager: Daniel Dominguez						Company: Murchison Oil & Gas						ANALYSIS REQUEST																																									
Address: 4024 Plains Hwy						Attn: Greg Boans																																															
City: Lovington			State: NM			Zip: 88260			Address: 5325 Sierra Vista																																												
Phone #: 575 393-3386			Fax #:			City: Carlsbad			State: NM			Zip: 88230																																									
Project #:						Murchison Oil & Gas																																															
Project Name: Ogden State #4						State: NM						Zip: 88230																																									
Project Location: U/L P Sec 2 T25S - R26E						Phone #: 575 706-0667																																															
Sampler Name: Jerry, Hector, Shawn, Toby						Fax #:																																															
FOR LAB USE ONLY						PRESERV.						SAMPLING																																									
Lab I.D.						Sample I.D.						Depth																																									
(G)RAB OR (C)OMP.						# CONTAINERS																																															
GROUNDWATER						WASTEWATER																																															
SOIL						OIL																																															
SLUDGE						OTHER :																																															
ACID/BASE:						ICE / COOL																																															
OTHER :						DATE						TIME																																									
Chloride						TPH						BTEX 8021																																									
11 FL717						20'						C 1						X						1/16/25						1115						X						X						X					
12 FL718						20'						C 1						X						1/16/25						1116						X						X						X					
13 FL719						20'						C 1						X						1/16/25						1117						X						X						X					
14 FL720						6'						C 1						X						1/16/25						1118						X						X						X					
15 FL721						6'						C 1						X						1/16/25						1119						X						X						X					
16 FL722						6'						C 1						X						1/16/25						1120						X						X						X					
17 FL723						6'						C 1						X						1/16/25						1121						X						X						X					
18 FL724						6'						C 1						X						1/16/25						1122						X						X						X					
19 FL725						6'						C 1						X						1/16/25						1123						X						X						X					
20 FL726						6'						C 1						X						1/16/25						1124						X						X						X					
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Relinquished By: _____ Date: 1-16-25 Time: 1400 Received By: _____																																																					
Relinquished By: _____ Date: _____ Time: _____ Received By: _____																																																					
Delivered By: (Circle One) Sample Condition Cool Intact Checked BY: (Initials)																																																					
Sampler - UPS - Bus - Other: 1-16-25/0.5- Yes No Yes No V.P.																																																					
Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476																																																					



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		BILL TO		ANALYSIS REQUEST											
Project Manager: Daniel Dominguez		P.O. #:													
Address: 4024 Plains Hwy		Company: Murchison Oil & Gas													
City: Lovington		Attn: Greg Boans													
State: NM		Address: 5325 Sierra Vista													
Zip: 88260		City: Carlsbad													
Phone #: 575 393-3386		State: NM													
Fax #:		Zip: 88230													
Project #:		Project Owner: Murchison Oil & Gas													
Project Name: Ogden State #4		State: NM													
Project Location: U/L P Sec 2 T25S - R26E		Phone #: 575 706-0667													
Sample Name: Jerry, Hector, Shawn, Toby		Fax #:													
<small>FOR LAB USE ONLY</small>		MATRIX		PRESERV.		SAMPLING									
		<input type="checkbox"/> GROUNDWATER		<input type="checkbox"/>											
		<input type="checkbox"/> WASTEWATER		<input type="checkbox"/>											
		<input type="checkbox"/> SOIL		<input type="checkbox"/>											
		<input type="checkbox"/> OIL		<input type="checkbox"/>											
		<input type="checkbox"/> SLUDGE		<input type="checkbox"/>											
		<input type="checkbox"/> OTHER :		<input type="checkbox"/>											
		<input type="checkbox"/> ACID/BASE:		<input type="checkbox"/>											
		<input type="checkbox"/> ICE / COOL		<input type="checkbox"/>											
		<input type="checkbox"/> OTHER :		<input type="checkbox"/>											
Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	DATE	TIME	Chloride	TPH	BTEX 8021						
21	FL727	6'	C	1	1/16/25	1125	X	X	X						
22	FL728	6'	C	1	1/16/25	1126	X	X	X						
23	FL729	6'	C	1	1/16/25	1127	X	X	X						
24	FL730	6'	C	1	1/16/25	1128	X	X	X						
25	FL731	6'	C	1	1/16/25	1129	X	X	X						
26	FL732	6'	C	1	1/16/25	1130	X	X	X						
27	FL733	6'	C	1	1/16/25	1131	X	X	X						
28	FL734	6'	C	1	1/16/25	1132	X	X	X						
29	FL735	6'	C	1	1/16/25	1133	X	X	X						
30	FL736	6'	C	1	1/16/25	1134	X	X	X						

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Relinquished By:	Date: 1-16-25	Received By: <i>Shawn</i>	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Time: 1400	Received By:	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)	Sample Condition	CHECKED BY:		
Sampler - UPS - Bus - Other: <i>1-16-25</i>	<input type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<i>Shawn</i>		

REMARKS: Email results to: pm@hungry-horse.com
gboans@jdmll.com

24 hr RUSH

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BILL TO

Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH	BTEX 802
H350334	31	FL737	C	1			X					X		1/16/25	1135	X	X	X
	32	FL738	C	1			X					X		1/16/25	1136	X	X	X
	33	FL739	C	1			X					X		1/16/25	1137	X	X	X
	34	FL740	C	1			X					X		1/16/25	1138	X	X	X
	35	FL741	C	1			X					X		1/16/25	1139	X	X	X
	36	FL742	C	1			X					X		1/16/25	1140	X	X	X
	37	FL743	C	1			X					X		1/16/25	1141	X	X	X
	38	FL744	C	1			X					X		1/16/25	1142	X	X	X

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Carroll v. W.T.C., causing damages, Carroll's liability and Carroll's exclusive remedy for any claim arising without claim 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 Carroll within 30 days after completion of the applicable analysis. In no event shall Carroll be liable for incidental or consequential damages, including without limitation, business interruption, 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 Carroll, regardless of whether such claim is based upon any of the above stated remedies or otherwise.

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 91 of 95



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO		ANALYSIS REQUEST													
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas																	
Address: 4024 Plains Hwy		Attn: Greg Boans																	
City: Lovington	State: NM	Zip: 88260	Address: 5325 Sierra Vista																
Phone #: 575 393-3386	Fax #:		City: Carlsbad	State: NM	Zip: 88230														
Project #:	Project Owner: Murchison Oil & Gas		State: NM	Zip: 88230															
Project Name: Ogden State #4			Phone #: 575 706-0667	Fax #:															
Project Location: UL/P Sec 2 T25S - R26E																			
Sampler Name: Jerry, Hector, Shawn, Toby																			
FOR LAB USE ONLY																			
Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	Chloride	TPH	BTEX 8021							
4356234	SW107	0-6'	C	1	GROUNDWATER			1/16/25	1203	X	X	X							
59	SW108	0-6'	C	1	WASTEWATER			1/16/25	1204	X	X	X							
60	SW109	0-6'	C	1	SOIL			1/16/25	1205	X	X	X							
61	SW110	0-6'	C	1	OIL			1/16/25	1206	X	X	X							
62	SW111	0-6'	C	1	SLUDGE			1/16/25	1207	X	X	X							
63	SW112	0-10'	C	1	OTHER :			1/16/25	1208	X	X	X							
64	SW113	0-10'	C	1	ACID/BASE:			1/16/25	1209	X	X	X							
65	SW114	0-10'	C	1	ICE / COOL			1/16/25	1210	X	X	X							
66	SW115	0-10'	C	1	OTHER :			1/16/25	1211	X	X	X							
67	SW116	0-10'	C	1				1/16/25	1212	X	X	X							

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Relinquished By: _____ Date: 1/16/25 Received By: _____ Date: 1/16/25

Relinquished By: _____ Date: 1/16/25 Received By: _____ Date: 1/16/25

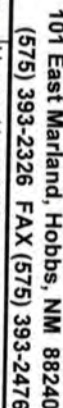
Delivered By: (Circle One) CF-0.63 #140 Sample Condition ☒ Cool ☐ Intact ☐ Yes ☐ No ☐ No

Sampler - UPS - Bus - Other: 1.12/10.52 CHECKED BY: gboans (Initials)

REMARKS: 24 hr RUSH

Email results to: pm@hungry-horse.com gboans@jdmil.com

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Page 94 of 95

Released to Imaging: 2/5/2025 11:36:25 AM



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:	
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas	
Address: 4024 Plains Hwy		Attn: Greg Boans	
City: Lovington	State: NM	Zip: 88260	Address: 5325 Sierra Vista
Phone #: 575 393-3386	Fax #:	City: Carlsbad	State: NM
Project #:	Project Owner: Murchison Oil & Gas	Zip: 88230	Phone #: 575 706-0667
Project Name: Ogden State #4	Project Location: UL/ P Sec 2 T25S - R26E	Fax #:	
Sampler Name: Jerry, Hector, Shawn, Toby			

Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX 8021
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
79	SW127	6-10'	C	1	X											
80	SW128	10-20'	C	1	X											
81	SW129	10-20'	C	1	X											
82	SW130	10-20'	C	1	X											
83	SW131	10-20'	C	1	X											
84	SW132	10-20'	C	1	X											

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Relinquished By:	Date: 1-16-25	Received By:	Date: 1-16-25
Relinquished By:		Received By:	

Delivered By: (Circle One)	Sample Condition	CHECKED BY:
Sampler - UPS - Bus - Other:	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	(Initials)
	<input type="checkbox"/> Yes <input type="checkbox"/> No	

REMARKS: 24 hr RUSH

Email results to: pm@hungry-horse.com

gboans@jdmil.com

* Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

January 17, 2025

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: OGDEN STATE 4

Enclosed are the results of analyses for samples received by the laboratory on 01/16/25 14:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 617 6' (H250235-01)

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	01/17/2025	ND	1.99	99.5	2.00	0.523	
Toluene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	0.836	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.11	106	2.00	0.995	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.26	104	6.00	1.03	
Total BTEx	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	187	93.7	200	3.09	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	178	89.0	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 67.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 618 6' (H250235-02)

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	01/17/2025	ND	1.99	99.5	2.00	0.523		
Toluene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	0.836		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.11	106	2.00	0.995		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.26	104	6.00	1.03		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	187	93.7	200	3.09	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	178	89.0	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 73.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 619 6' (H250235-03)

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	01/17/2025	ND	1.99	99.5	2.00	0.523		
Toluene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	0.836		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.11	106	2.00	0.995		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.26	104	6.00	1.03		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	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	01/17/2025	ND	187	93.7	200	3.09	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	178	89.0	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 68.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 620 6' (H250235-04)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	2.15	107	2.00	1.99		
Toluene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.16	108	2.00	2.48		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.45	107	6.00	2.43		
Total BTX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	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	01/17/2025	ND	187	93.7	200	3.09	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	178	89.0	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 76.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 621 6' (H250235-05)

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	01/17/2025	ND	2.15	107	2.00	1.99	
Toluene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	1.68	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.16	108	2.00	2.48	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.45	107	6.00	2.43	
Total BTEX	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	187	93.7	200	3.09	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	178	89.0	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 622 6' (H250235-06)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	2.15	107	2.00	1.99		
Toluene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.16	108	2.00	2.48		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.45	107	6.00	2.43		
Total BTX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	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	01/17/2025	ND	187	93.7	200	3.09	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	178	89.0	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.5 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 623 6' (H250235-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	2.15	107	2.00	1.99	
Toluene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	1.68	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.16	108	2.00	2.48	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.45	107	6.00	2.43	
Total BTEX	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	187	93.7	200	3.09	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	178	89.0	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 69.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 624 6' (H250235-08)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	2.15	107	2.00	1.99		
Toluene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.16	108	2.00	2.48		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.45	107	6.00	2.43		
Total BTX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	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	01/17/2025	ND	187	93.7	200	3.09	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	178	89.0	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 625 6' (H250235-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	2.15	107	2.00	1.99		
Toluene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.16	108	2.00	2.48		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.45	107	6.00	2.43		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	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	01/17/2025	ND	187	93.7	200	3.09	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	178	89.0	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 67.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.2 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 626 6' (H250235-10)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	2.15	107	2.00	1.99		
Toluene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.16	108	2.00	2.48		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.45	107	6.00	2.43		
Total BTX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	187	93.7	200	3.09	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	178	89.0	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 74.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 627 6' (H250235-11)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	2.15	107	2.00	1.99		
Toluene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.16	108	2.00	2.48		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.45	107	6.00	2.43		
Total BTX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	187	93.7	200	3.09	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	178	89.0	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 628 6' (H250235-12)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	2.15	107	2.00	1.99		
Toluene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.16	108	2.00	2.48		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.45	107	6.00	2.43		
Total BTX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	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	01/17/2025	ND	187	93.7	200	3.09	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	178	89.0	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 76.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 629 6' (H250235-13)

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	01/17/2025	ND	2.15	107	2.00	1.99		
Toluene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.16	108	2.00	2.48		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.45	107	6.00	2.43		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	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	01/17/2025	ND	187	93.7	200	3.09	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	178	89.0	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 630 6' (H250235-14)

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	01/17/2025	ND	2.15	107	2.00	1.99		
Toluene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.16	108	2.00	2.48		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.45	107	6.00	2.43		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	187	93.7	200	3.09	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	178	89.0	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 78.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 631 6' (H250235-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	2.15	107	2.00	1.99		
Toluene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.16	108	2.00	2.48		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.45	107	6.00	2.43		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/17/2025	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	01/17/2025	ND	187	93.7	200	3.09	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	178	89.0	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 632 6' (H250235-16)

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	01/17/2025	ND	2.15	107	2.00	1.99		
Toluene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.16	108	2.00	2.48		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.45	107	6.00	2.43		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	01/17/2025	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	01/17/2025	ND	187	93.7	200	3.09	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	178	89.0	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 633 6' (H250235-17)

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	01/17/2025	ND	2.15	107	2.00	1.99		
Toluene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.16	108	2.00	2.48		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.45	107	6.00	2.43		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	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	01/17/2025	ND	187	93.7	200	3.09	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	178	89.0	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 634 6' (H250235-18)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	2.15	107	2.00	1.99		
Toluene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.16	108	2.00	2.48		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.45	107	6.00	2.43		
Total BTX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	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	01/17/2025	ND	187	93.7	200	3.09	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	178	89.0	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 635 6' (H250235-19)

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	01/17/2025	ND	2.15	107	2.00	1.99		
Toluene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.16	108	2.00	2.48		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.45	107	6.00	2.43		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/17/2025	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	01/17/2025	ND	187	93.7	200	3.09	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	178	89.0	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 636 6' (H250235-20)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	2.15	107	2.00	1.99		
Toluene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.16	108	2.00	2.48		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.45	107	6.00	2.43		
Total BTX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	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	01/17/2025	ND	187	93.7	200	3.09	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	178	89.0	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 637 6' (H250235-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	2.15	107	2.00	1.99		
Toluene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.16	108	2.00	2.48		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.45	107	6.00	2.43		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	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	01/17/2025	ND	178	88.8	200	3.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	174	87.1	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 67.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 638 6' (H250235-22)

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	01/17/2025	ND	2.15	107	2.00	1.99		
Toluene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.16	108	2.00	2.48		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.45	107	6.00	2.43		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	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	01/17/2025	ND	178	88.8	200	3.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	174	87.1	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 66.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 639 6' (H250235-23)

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	01/17/2025	ND	2.15	107	2.00	1.99		
Toluene*	<0.050	0.050	01/17/2025	ND	2.11	105	2.00	1.68		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.16	108	2.00	2.48		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.45	107	6.00	2.43		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	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	01/17/2025	ND	178	88.8	200	3.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	174	87.1	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 67.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 640 6' (H250235-24)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.95	97.6	2.00	0.795		
Toluene*	<0.050	0.050	01/17/2025	ND	1.92	95.9	2.00	2.39		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.97	98.7	2.00	5.10		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.92	98.6	6.00	5.60		
Total BTX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	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	01/17/2025	ND	178	88.8	200	3.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	174	87.1	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 72.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 641 6' (H250235-25)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.95	97.6	2.00	0.795		
Toluene*	<0.050	0.050	01/17/2025	ND	1.92	95.9	2.00	2.39		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.97	98.7	2.00	5.10		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.92	98.6	6.00	5.60		
Total BTX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	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	01/17/2025	ND	178	88.8	200	3.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	174	87.1	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 72.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 642 6' (H250235-26)

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	01/17/2025	ND	1.95	97.6	2.00	0.795		
Toluene*	<0.050	0.050	01/17/2025	ND	1.92	95.9	2.00	2.39		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.97	98.7	2.00	5.10		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.92	98.6	6.00	5.60		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	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	01/17/2025	ND	178	88.8	200	3.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	174	87.1	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 643 6' (H250235-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.95	97.6	2.00	0.795		
Toluene*	<0.050	0.050	01/17/2025	ND	1.92	95.9	2.00	2.39		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.97	98.7	2.00	5.10		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.92	98.6	6.00	5.60		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/17/2025	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	01/17/2025	ND	178	88.8	200	3.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	174	87.1	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 69.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 644 6' (H250235-28)

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	01/17/2025	ND	1.95	97.6	2.00	0.795		
Toluene*	<0.050	0.050	01/17/2025	ND	1.92	95.9	2.00	2.39		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.97	98.7	2.00	5.10		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.92	98.6	6.00	5.60		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/17/2025	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	01/17/2025	ND	178	88.8	200	3.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	174	87.1	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 75.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 645 6' (H250235-29)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.95	97.6	2.00	0.795		
Toluene*	<0.050	0.050	01/17/2025	ND	1.92	95.9	2.00	2.39		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.97	98.7	2.00	5.10		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.92	98.6	6.00	5.60		
Total BTX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	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	01/17/2025	ND	178	88.8	200	3.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	174	87.1	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 73.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 646 6' (H250235-30)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.95	97.6	2.00	0.795		
Toluene*	<0.050	0.050	01/17/2025	ND	1.92	95.9	2.00	2.39		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.97	98.7	2.00	5.10		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.92	98.6	6.00	5.60		
Total BTX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	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	01/17/2025	ND	178	88.8	200	3.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	174	87.1	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 73.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 647 6' (H250235-31)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.95	97.6	2.00	0.795		
Toluene*	<0.050	0.050	01/17/2025	ND	1.92	95.9	2.00	2.39		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.97	98.7	2.00	5.10		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.92	98.6	6.00	5.60		
Total BTX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	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	01/17/2025	ND	178	88.8	200	3.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	174	87.1	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 62.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 648 6' (H250235-32)

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	01/17/2025	ND	1.95	97.6	2.00	0.795		
Toluene*	<0.050	0.050	01/17/2025	ND	1.92	95.9	2.00	2.39		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.97	98.7	2.00	5.10		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.92	98.6	6.00	5.60		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/17/2025	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	01/17/2025	ND	178	88.8	200	3.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	174	87.1	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 71.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 649 6' (H250235-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.95	97.6	2.00	0.795		
Toluene*	<0.050	0.050	01/17/2025	ND	1.92	95.9	2.00	2.39		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.97	98.7	2.00	5.10		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.92	98.6	6.00	5.60		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	178	88.8	200	3.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	174	87.1	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 62.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 60.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 650 6' (H250235-34)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.95	97.6	2.00	0.795		
Toluene*	<0.050	0.050	01/17/2025	ND	1.92	95.9	2.00	2.39		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.97	98.7	2.00	5.10		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.92	98.6	6.00	5.60		
Total BTX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	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	01/17/2025	ND	178	88.8	200	3.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	174	87.1	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 72.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 651 6' (H250235-35)

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	01/17/2025	ND	1.95	97.6	2.00	0.795		
Toluene*	<0.050	0.050	01/17/2025	ND	1.92	95.9	2.00	2.39		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.97	98.7	2.00	5.10		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.92	98.6	6.00	5.60		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	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	01/17/2025	ND	178	88.8	200	3.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	174	87.1	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 73.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.2 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 652 6' (H250235-36)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.95	97.6	2.00	0.795		
Toluene*	<0.050	0.050	01/17/2025	ND	1.92	95.9	2.00	2.39		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.97	98.7	2.00	5.10		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.92	98.6	6.00	5.60		
Total BTX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	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	01/17/2025	ND	178	88.8	200	3.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	174	87.1	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 65.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 653 6' (H250235-37)

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	01/17/2025	ND	1.95	97.6	2.00	0.795	
Toluene*	<0.050	0.050	01/17/2025	ND	1.92	95.9	2.00	2.39	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.97	98.7	2.00	5.10	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.92	98.6	6.00	5.60	
Total BTEx	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	178	88.8	200	3.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	174	87.1	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 71.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 654 6' (H250235-38)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.95	97.6	2.00	0.795		
Toluene*	<0.050	0.050	01/17/2025	ND	1.92	95.9	2.00	2.39		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.97	98.7	2.00	5.10		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.92	98.6	6.00	5.60		
Total BTX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	178	88.8	200	3.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	174	87.1	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 72.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.2 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 655 6' (H250235-39)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	1.95	97.6	2.00	0.795	
Toluene*	<0.050	0.050	01/17/2025	ND	1.92	95.9	2.00	2.39	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.97	98.7	2.00	5.10	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.92	98.6	6.00	5.60	
Total BTX	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	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	01/17/2025	ND	178	88.8	200	3.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	174	87.1	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 79.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 656 6' (H250235-40)

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	01/17/2025	ND	1.95	97.6	2.00	0.795		
Toluene*	<0.050	0.050	01/17/2025	ND	1.92	95.9	2.00	2.39		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.97	98.7	2.00	5.10		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.92	98.6	6.00	5.60		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	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	01/17/2025	ND	178	88.8	200	3.13	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	174	87.1	200	2.35	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 71.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 657 6' (H250235-41)

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	01/17/2025	ND	1.95	97.6	2.00	0.795		
Toluene*	<0.050	0.050	01/17/2025	ND	1.92	95.9	2.00	2.39		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.97	98.7	2.00	5.10		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.92	98.6	6.00	5.60		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	184	91.9	200	1.55	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	171	85.3	200	0.476	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 71.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.9 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 658 6' (H250235-42)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	1.95	97.6	2.00	0.795	
Toluene*	<0.050	0.050	01/17/2025	ND	1.92	95.9	2.00	2.39	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.97	98.7	2.00	5.10	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.92	98.6	6.00	5.60	
Total BTEX	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/17/2025	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	01/17/2025	ND	184	91.9	200	1.55	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	171	85.3	200	0.476	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 659 6' (H250235-43)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.95	97.6	2.00	0.795		
Toluene*	<0.050	0.050	01/17/2025	ND	1.92	95.9	2.00	2.39		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.97	98.7	2.00	5.10		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.92	98.6	6.00	5.60		
Total BTX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	184	91.9	200	1.55	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	171	85.3	200	0.476	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 76.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 660 6' (H250235-44)

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	01/17/2025	ND	1.97	98.4	2.00	1.53	
Toluene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	1.65	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.00	99.9	2.00	1.59	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.86	97.6	6.00	1.41	
Total BTEX	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/17/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	184	91.9	200	1.55	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	171	85.3	200	0.476	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 75.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 661 6' (H250235-45)

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	01/17/2025	ND	1.97	98.4	2.00	1.53		
Toluene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.00	99.9	2.00	1.59		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.86	97.6	6.00	1.41		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	184	91.9	200	1.55	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	171	85.3	200	0.476	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 70.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 662 6' (H250235-46)

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	01/17/2025	ND	1.97	98.4	2.00	1.53		
Toluene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.00	99.9	2.00	1.59		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.86	97.6	6.00	1.41		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/17/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	184	91.9	200	1.55	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	171	85.3	200	0.476	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 663 6' (H250235-47)

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	01/17/2025	ND	1.97	98.4	2.00	1.53		
Toluene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.00	99.9	2.00	1.59		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.86	97.6	6.00	1.41		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/17/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	184	91.9	200	1.55	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	171	85.3	200	0.476	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 73.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 664 6' (H250235-48)

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	01/17/2025	ND	1.97	98.4	2.00	1.53		
Toluene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.00	99.9	2.00	1.59		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.86	97.6	6.00	1.41		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	184	91.9	200	1.55	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	171	85.3	200	0.476	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 74.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 665 6' (H250235-49)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.97	98.4	2.00	1.53		
Toluene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.00	99.9	2.00	1.59		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.86	97.6	6.00	1.41		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/17/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	184	91.9	200	1.55	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	171	85.3	200	0.476	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 78.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 666 6' (H250235-50)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.97	98.4	2.00	1.53		
Toluene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.00	99.9	2.00	1.59		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.86	97.6	6.00	1.41		
Total BTX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	184	91.9	200	1.55	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	171	85.3	200	0.476	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 667 6' (H250235-51)

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	01/17/2025	ND	1.97	98.4	2.00	1.53		
Toluene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.00	99.9	2.00	1.59		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.86	97.6	6.00	1.41		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	184	91.9	200	1.55	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	171	85.3	200	0.476	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 64.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 668 6' (H250235-52)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	1.97	98.4	2.00	1.53	
Toluene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	1.65	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.00	99.9	2.00	1.59	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.86	97.6	6.00	1.41	
Total BTEX	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	184	91.9	200	1.55	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	171	85.3	200	0.476	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 71.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 669 6' (H250235-53)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.97	98.4	2.00	1.53		
Toluene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.00	99.9	2.00	1.59		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.86	97.6	6.00	1.41		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	184	91.9	200	1.55	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	171	85.3	200	0.476	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 670 6' (H250235-54)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.97	98.4	2.00	1.53		
Toluene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.00	99.9	2.00	1.59		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.86	97.6	6.00	1.41		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	184	91.9	200	1.55	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	171	85.3	200	0.476	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 72.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 671 6' (H250235-55)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.97	98.4	2.00	1.53		
Toluene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.00	99.9	2.00	1.59		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.86	97.6	6.00	1.41		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	184	91.9	200	1.55	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	171	85.3	200	0.476	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 79.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 672 6' (H250235-56)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.97	98.4	2.00	1.53		
Toluene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.00	99.9	2.00	1.59		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.86	97.6	6.00	1.41		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	184	91.9	200	1.55	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	171	85.3	200	0.476	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 673 6' (H250235-57)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	1.97	98.4	2.00	1.53	
Toluene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	1.65	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.00	99.9	2.00	1.59	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.86	97.6	6.00	1.41	
Total BTX	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/17/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	184	91.9	200	1.55	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	171	85.3	200	0.476	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 674 6' (H250235-58)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.97	98.4	2.00	1.53		
Toluene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.00	99.9	2.00	1.59		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.86	97.6	6.00	1.41		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	184	91.9	200	1.55	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	171	85.3	200	0.476	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 76.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 675 6' (H250235-59)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	1.97	98.4	2.00	1.53	
Toluene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	1.65	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.00	99.9	2.00	1.59	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.86	97.6	6.00	1.41	
Total BTEX	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	184	91.9	200	1.55	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	171	85.3	200	0.476	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 74.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 676 6' (H250235-60)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	1.97	98.4	2.00	1.53	
Toluene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	1.65	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.00	99.9	2.00	1.59	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.86	97.6	6.00	1.41	
Total BTX	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/17/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	184	91.9	200	1.55	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	171	85.3	200	0.476	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 677 6' (H250235-61)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.97	98.4	2.00	1.53		
Toluene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.00	99.9	2.00	1.59		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.86	97.6	6.00	1.41		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/17/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	169	84.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	166	82.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 678 6' (H250235-62)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.97	98.4	2.00	1.53		
Toluene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.00	99.9	2.00	1.59		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.86	97.6	6.00	1.41		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	169	84.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	166	82.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 679 6' (H250235-63)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.97	98.4	2.00	1.53		
Toluene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	1.65		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.00	99.9	2.00	1.59		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.86	97.6	6.00	1.41		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	169	84.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	166	82.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 77.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 680 6' (H250235-64)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	2.32		
Toluene*	<0.050	0.050	01/17/2025	ND	2.26	113	2.00	1.54		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.31	116	2.00	1.12		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.94	116	6.00	1.40		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	169	84.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	166	82.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 80.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 681 6' (H250235-65)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	2.32		
Toluene*	<0.050	0.050	01/17/2025	ND	2.26	113	2.00	1.54		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.31	116	2.00	1.12		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.94	116	6.00	1.40		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	169	84.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	166	82.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 682 6' (H250235-66)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	2.32	
Toluene*	<0.050	0.050	01/17/2025	ND	2.26	113	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.31	116	2.00	1.12	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.94	116	6.00	1.40	
Total BTEX	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/17/2025	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	01/17/2025	ND	169	84.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	166	82.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 76.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 683 6' (H250235-67)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	2.32		
Toluene*	<0.050	0.050	01/17/2025	ND	2.26	113	2.00	1.54		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.31	116	2.00	1.12		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.94	116	6.00	1.40		
Total BTEX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	169	84.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	166	82.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 78.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 684 10' (H250235-68)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	2.32	
Toluene*	<0.050	0.050	01/17/2025	ND	2.26	113	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.31	116	2.00	1.12	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.94	116	6.00	1.40	
Total BTEx	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	169	84.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	166	82.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 685 10' (H250235-69)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	2.32	
Toluene*	<0.050	0.050	01/17/2025	ND	2.26	113	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.31	116	2.00	1.12	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.94	116	6.00	1.40	
Total BTX	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	169	84.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	166	82.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.6 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 686 10' (H250235-70)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	2.32	
Toluene*	<0.050	0.050	01/17/2025	ND	2.26	113	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.31	116	2.00	1.12	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.94	116	6.00	1.40	
Total BTEx	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	169	84.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	166	82.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 687 10' (H250235-71)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	2.32	
Toluene*	<0.050	0.050	01/17/2025	ND	2.26	113	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.31	116	2.00	1.12	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.94	116	6.00	1.40	
Total BTEx	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	169	84.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	166	82.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 63.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 55.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 688 10' (H250235-72)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	2.32	
Toluene*	<0.050	0.050	01/17/2025	ND	2.26	113	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.31	116	2.00	1.12	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.94	116	6.00	1.40	
Total BTX	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	169	84.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	166	82.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 72.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.4 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 689 10' (H250235-73)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	2.32		
Toluene*	<0.050	0.050	01/17/2025	ND	2.26	113	2.00	1.54		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.31	116	2.00	1.12		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.94	116	6.00	1.40		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	169	84.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	166	82.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 690 10' (H250235-74)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	2.32		
Toluene*	<0.050	0.050	01/17/2025	ND	2.26	113	2.00	1.54		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.31	116	2.00	1.12		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.94	116	6.00	1.40		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	169	84.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	166	82.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 691 10' (H250235-75)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	2.32	
Toluene*	<0.050	0.050	01/17/2025	ND	2.26	113	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.31	116	2.00	1.12	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.94	116	6.00	1.40	
Total BTEx	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	169	84.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	166	82.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 692 10' (H250235-76)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	2.32		
Toluene*	<0.050	0.050	01/17/2025	ND	2.26	113	2.00	1.54		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.31	116	2.00	1.12		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.94	116	6.00	1.40		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	169	84.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	166	82.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 76.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 693 10' (H250235-77)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	2.32	
Toluene*	<0.050	0.050	01/17/2025	ND	2.26	113	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.31	116	2.00	1.12	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.94	116	6.00	1.40	
Total BTEx	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	169	84.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	166	82.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 79.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 694 10' (H250235-78)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	2.32		
Toluene*	<0.050	0.050	01/17/2025	ND	2.26	113	2.00	1.54		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.31	116	2.00	1.12		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.94	116	6.00	1.40		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	169	84.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	166	82.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 76.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 695 10' (H250235-79)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	2.32	
Toluene*	<0.050	0.050	01/17/2025	ND	2.26	113	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.31	116	2.00	1.12	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.94	116	6.00	1.40	
Total BTEx	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	169	84.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	166	82.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 696 10' (H250235-80)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	2.32		
Toluene*	<0.050	0.050	01/17/2025	ND	2.26	113	2.00	1.54		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.31	116	2.00	1.12		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.94	116	6.00	1.40		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	169	84.7	200	2.98	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	166	82.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.2 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 697 10' (H250235-81)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	2.32		
Toluene*	<0.050	0.050	01/17/2025	ND	2.26	113	2.00	1.54		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.31	116	2.00	1.12		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.94	116	6.00	1.40		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	171	85.3	200	0.252	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	169	84.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 63.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 698 10' (H250235-82)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	2.32		
Toluene*	<0.050	0.050	01/17/2025	ND	2.26	113	2.00	1.54		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.31	116	2.00	1.12		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.94	116	6.00	1.40		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/17/2025	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	01/17/2025	ND	171	85.3	200	0.252	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	169	84.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 65.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 60.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 699 10' (H250235-83)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	2.10	105	2.00	2.32		
Toluene*	<0.050	0.050	01/17/2025	ND	2.26	113	2.00	1.54		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.31	116	2.00	1.12		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.94	116	6.00	1.40		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/17/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	171	85.3	200	0.252	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	169	84.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 65.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 700 10' (H250235-84)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.80	90.0	2.00	1.14		
Toluene*	<0.050	0.050	01/17/2025	ND	1.89	94.5	2.00	1.42		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.90	94.8	2.00	1.25		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.63	93.8	6.00	1.27		
Total BTX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	171	85.3	200	0.252	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	169	84.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 68.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.8 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 701 10' (H250235-85)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	1.80	90.0	2.00	1.14	
Toluene*	<0.050	0.050	01/17/2025	ND	1.89	94.5	2.00	1.42	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.90	94.8	2.00	1.25	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.63	93.8	6.00	1.27	
Total BTEX	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/17/2025	ND	416	104	400	0.00	

TPH 8015M			mg/kg		Analyzed By: ms				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	171	85.3	200	0.252	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	169	84.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 68.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.2 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/16/2025	Sampling Date:	01/16/2025
Reported:	01/17/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE 4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 702 10' (H250235-86)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.80	90.0	2.00	1.14		
Toluene*	<0.050	0.050	01/17/2025	ND	1.89	94.5	2.00	1.42		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.90	94.8	2.00	1.25		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.63	93.8	6.00	1.27		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	171	85.3	200	0.252	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	169	84.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 65.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 703 10' (H250235-87)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.80	90.0	2.00	1.14		
Toluene*	<0.050	0.050	01/17/2025	ND	1.89	94.5	2.00	1.42		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.90	94.8	2.00	1.25		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.63	93.8	6.00	1.27		
Total BTX	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	171	85.3	200	0.252	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	169	84.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 71.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 704 10' (H250235-88)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.80	90.0	2.00	1.14		
Toluene*	<0.050	0.050	01/17/2025	ND	1.89	94.5	2.00	1.42		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.90	94.8	2.00	1.25		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.63	93.8	6.00	1.27		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	171	85.3	200	0.252	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	169	84.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 74.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 705 10' (H250235-89)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/17/2025	ND	1.80	90.0	2.00	1.14		
Toluene*	<0.050	0.050	01/17/2025	ND	1.89	94.5	2.00	1.42		
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.90	94.8	2.00	1.25		
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.63	93.8	6.00	1.27		
Total BTEx	<0.300	0.300	01/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	171	85.3	200	0.252	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	169	84.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 64.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/16/2025
 Reported: 01/17/2025
 Project Name: OGDEN STATE 4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL 706 10' (H250235-90)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	1.80	90.0	2.00	1.14	
Toluene*	<0.050	0.050	01/17/2025	ND	1.89	94.5	2.00	1.42	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	1.90	94.8	2.00	1.25	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	5.63	93.8	6.00	1.27	
Total BTX	<0.300	0.300	01/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/17/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	171	85.3	200	0.252	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	169	84.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					

Surrogate: 1-Chlorooctane 74.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.0 % 49.1-148

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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:						Hungry Horse LLC
Project Manager:						Daniel Dominguez
Address:						4024 Plains Hwy
City:		Lovington	State:		NM	
			Zip:		88260	
Phone #:		575-393-3386		Fax #:		
Project #:				Project Owner:	Murchison Oil & Gas	
Project Name:		Ogden State #4				
Project Location:		UL/P Sec 2 T2S - R26E				
Sampler Name:		Jerry, Hector, Shawn, Toby				
FOR LAB USE ONLY		P.O.#: Murchison Oil & Gas Attn: Greg Boans Address: 5325 Sierra Vista City: Carlsbad State: NM Zip: 88230 Phone #: 575-706-0667 Fax #:				
BILL TO ANALYSIS REQUEST						
Lab I.D.						
Sample I.D.						
Depth						
(G)RAB OR (C)OMP.						
# CONTAINERS						
GROUNDWATER						
WASTEWATER						
SOIL						
OIL						
SLUDGE						
OTHER :						
ACID/BASE:						
ICE / COOL						
OTHER :						
DATE TIME						
Chloride						
TPH						
BTEX 8021						
CL						
FL617						
FL618						
FL619						
FL620						
FL621						
FL622						
FL623						
FL624						
FL625						
FL626						
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Relinquished By:						
Date:						
Time:						
Received By:						
Delivered By: (Circle One)						
UPS - Bus - Other:						
Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476						



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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 97 of 101



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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO		ANALYSIS REQUEST													
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas																	
Address: 4024 Plains Hwy		Attn: Greg Boans																	
City: Lovington	State: NM	Zip: 88260	Address: 5325 Sierra Vista																
Phone #: 575 393-3386	Fax #:	City: Carlsbad																	
Project #:	Project Owner: Murchison Oil & Gas		State: NM		Zip: 88230														
Project Name: Ogden State #4		Phone #: 575 706-0667																	
Project Location: U/P Sec 2 T2S5 - R26E		Fax #:																	
Sampler Name: Jerry, Hector, Shawn, Toby		PRESERV.		SAMPLING															
FOR LAB USE ONLY		MATRIX																	
		GROUNDWATER																	
		WASTEWATER																	
		SOIL																	
		OIL																	
		SLUDGE																	
		OTHER :																	
		ACID/BASE:																	
		ICE / COOL																	
		OTHER :																	
Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	DATE	TIME	Chloride	TPH	BTEX 8021										
H350 335	51 FL667	6'	C 1	X	1/16/25	1025	X	X	X										
	52 FL668	6'	C 1	X	1/16/25	1026	X	X	X										
	53 FL669	6'	C 1	X	1/16/25	1027	X	X	X										
	54 FL670	6'	C 1	X	1/16/25	1028	X	X	X										
	55 FL671	6'	C 1	X	1/16/25	1029	X	X	X										
	56 FL672	6'	C 1	X	1/16/25	1030	X	X	X										
	57 FL673	6'	C 1	X	1/16/25	1031	X	X	X										
	58 FL674	6'	C 1	X	1/16/25	1032	X	X	X										
	59 FL675	6'	C 1	X	1/16/25	1033	X	X	X										
	60 FL676	6'	C 1	X	1/16/25	1034	X	X	X										
PLEASE NOTE: Liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.																			
Relinquished By:		Date: 1/16/25	Received By: [Signature]		REMARKS: 24 hr RUSH														
Relinquished By:		Date:	Received By:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:														
Relinquished By:		Date:	Received By:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:														
Relinquished By:		Date:	Received By:		Email results to: pm@hungry-horse.com														
Relinquished By:		Date:	Received By:		gboans@jdmil.com														
Delivered By: (Circle One)		Sample Condition		CHECKED BY: (Initials)															
Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>															
Sampler - UPS - Bus - Other: 1/16/25		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>															

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



Page 99 of 101

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101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO		ANALYSIS REQUEST																																									
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas																																													
Address: 4024 Plains Hwy		Attn: Greg Boans																																													
City: Lovington		Address: 5325 Sierra Vista																																													
Phone #: 575 393-3386		City: Carlsbad																																													
Fax #:		State: NM																																													
Project #:		Zip: 88230																																													
Project Name: Ogden State #4		State: NM																																													
Project Location: U/L P Sec 2 T25S - R26E		Phone #: 575 706-0667																																													
Sample Name: Jerry, Hector, Shawn, Toby		Fax #:																																													
FOR LAB USE ONLY		PRESERV.		SAMPLING																																											
Lab I.D.		Sample I.D.		Depth		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		Chloride		TPH		BTEX 802											
H250235		81		FL697		10'		C 1		X																		1/16/25		1055		X		X													
82		FL698		10'		C 1		X																				1/16/25		1056		X		X													
83		FL699		10'		C 1		X																				1/16/25		1057		X		X													
84		FL700		10'		C 1		X																				1/16/25		1058		X		X													
85		FL701		10'		C 1		X																				1/16/25		1059		X		X													
86		FL702		10'		C 1		X																				1/16/25		1100		X		X													
87		FL703		10'		C 1		X																				1/16/25		1101		X		X													
88		FL704		10'		C 1		X																				1/16/25		1102		X		X													
89		FL705		10'		C 1		X																				1/16/25		1103		X		X													
90		FL706		10'		C 1		X																				1/16/25		1104		X		X													
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Relinquished By:		Date: 1/16-25		Received By:		Time: 11:00		Sample Condition		Checked By:		REMARKS:		Phone Result:		Fax Result:		24 hr RUSH																													
Relinquished By:		Date:		Received By:		Time:		Cool		(Initials)		Email results to: pm@hungry-horse.com		Add'l Phone #:		Add'l Fax #:																															
Delivered By: (Circle One)		CF-0.6c #146		1.1c / 0.5c		Sample Condition		Cool		Impact		gboans@idmii.com																																			
Sampler - UPS - Bus - Other:		1.1c / 0.5c		No		Yes		No		Yes																																					



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

January 21, 2025

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: OGDEN STATE #4

Enclosed are the results of analyses for samples received by the laboratory on 01/20/25 8:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/20/2025	Sampling Date:	01/17/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE #4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shari Cisneros
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 485B 20' (H250313-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2025	ND	1.69	84.4	2.00	0.270	
Toluene*	<0.050	0.050	01/20/2025	ND	1.82	91.2	2.00	0.388	
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.79	89.6	2.00	0.371	
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.24	87.4	6.00	0.120	
Total BTX	<0.300	0.300	01/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/20/2025	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	01/20/2025	ND	221	111	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	224	112	200	0.708	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: OGDEN STATE #4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: FL 486B 20' (H250313-02)

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	01/20/2025	ND	1.69	84.4	2.00	0.270	
Toluene*	<0.050	0.050	01/20/2025	ND	1.82	91.2	2.00	0.388	
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.79	89.6	2.00	0.371	
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.24	87.4	6.00	0.120	
Total BTEX	<0.300	0.300	01/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/20/2025	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	01/20/2025	ND	221	111	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	224	112	200	0.708	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: OGDEN STATE #4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: FL 492B 20' (H250313-03)

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	01/20/2025	ND	1.69	84.4	2.00	0.270	
Toluene*	<0.050	0.050	01/20/2025	ND	1.82	91.2	2.00	0.388	
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.79	89.6	2.00	0.371	
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.24	87.4	6.00	0.120	
Total BTEX	<0.300	0.300	01/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/20/2025	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	01/20/2025	ND	221	111	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	224	112	200	0.708	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: OGDEN STATE #4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: FL 493B 20' (H250313-04)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2025	ND	1.69	84.4	2.00	0.270	
Toluene*	<0.050	0.050	01/20/2025	ND	1.82	91.2	2.00	0.388	
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.79	89.6	2.00	0.371	
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.24	87.4	6.00	0.120	
Total BTEx	<0.300	0.300	01/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/20/2025	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	01/20/2025	ND	221	111	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	224	112	200	0.708	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/20/2025	Sampling Date:	01/17/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	OGDEN STATE #4	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shari Cisneros
Project Location:	UL/ P SEC 2 T25S - R26E		

Sample ID: FL 494B 20' (H250313-05)

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	01/20/2025	ND	1.69	84.4	2.00	0.270		
Toluene*	<0.050	0.050	01/20/2025	ND	1.82	91.2	2.00	0.388		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.79	89.6	2.00	0.371		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.24	87.4	6.00	0.120		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/20/2025	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	01/20/2025	ND	221	111	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	224	112	200	0.708	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: OGDEN STATE #4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: FL 500B 20' (H250313-06)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2025	ND	1.69	84.4	2.00	0.270	
Toluene*	<0.050	0.050	01/20/2025	ND	1.82	91.2	2.00	0.388	
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.79	89.6	2.00	0.371	
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.24	87.4	6.00	0.120	
Total BTEX	<0.300	0.300	01/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/20/2025	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	01/20/2025	ND	221	111	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	224	112	200	0.708	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: OGDEN STATE #4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: FL 501B 20' (H250313-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2025	ND	1.69	84.4	2.00	0.270	
Toluene*	<0.050	0.050	01/20/2025	ND	1.82	91.2	2.00	0.388	
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.79	89.6	2.00	0.371	
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.24	87.4	6.00	0.120	
Total BTEX	<0.300	0.300	01/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/20/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/20/2025	ND	221	111	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	224	112	200	0.708	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: OGDEN STATE #4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: FL 502B 20' (H250313-08)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2025	ND	1.69	84.4	2.00	0.270	
Toluene*	<0.050	0.050	01/20/2025	ND	1.82	91.2	2.00	0.388	
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.79	89.6	2.00	0.371	
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.24	87.4	6.00	0.120	
Total BTX	<0.300	0.300	01/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/20/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/20/2025	ND	221	111	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	224	112	200	0.708	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: OGDEN STATE #4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: FL 522B 20' (H250313-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	1.69	84.4	2.00	0.270		
Toluene*	<0.050	0.050	01/20/2025	ND	1.82	91.2	2.00	0.388		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.79	89.6	2.00	0.371		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.24	87.4	6.00	0.120		
Total BTEx	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/20/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/20/2025	ND	221	111	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	224	112	200	0.708	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
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Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: OGDEN STATE #4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: FL 523B 20' (H250313-10)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2025	ND	1.69	84.4	2.00	0.270	
Toluene*	<0.050	0.050	01/20/2025	ND	1.82	91.2	2.00	0.388	
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.79	89.6	2.00	0.371	
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.24	87.4	6.00	0.120	
Total BTX	<0.300	0.300	01/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/20/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/20/2025	ND	221	111	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	224	112	200	0.708	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: OGDEN STATE #4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: FL 525B 20' (H250313-11)

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	01/20/2025	ND	1.69	84.4	2.00	0.270		
Toluene*	<0.050	0.050	01/20/2025	ND	1.82	91.2	2.00	0.388		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.79	89.6	2.00	0.371		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.24	87.4	6.00	0.120		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/20/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/20/2025	ND	221	111	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	224	112	200	0.708	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: OGDEN STATE #4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: SW 133 14-20' (H250313-12)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2025	ND	1.69	84.4	2.00	0.270	
Toluene*	<0.050	0.050	01/20/2025	ND	1.82	91.2	2.00	0.388	
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.79	89.6	2.00	0.371	
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.24	87.4	6.00	0.120	
Total BTEX	<0.300	0.300	01/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/20/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/20/2025	ND	221	111	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	224	112	200	0.708	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: OGDEN STATE #4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: SW 134 14-20' (H250313-13)

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	01/20/2025	ND	1.69	84.4	2.00	0.270	
Toluene*	<0.050	0.050	01/20/2025	ND	1.82	91.2	2.00	0.388	
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.79	89.6	2.00	0.371	
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.24	87.4	6.00	0.120	
Total BTEX	<0.300	0.300	01/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/20/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/20/2025	ND	221	111	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	224	112	200	0.708	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: OGDEN STATE #4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: SW 135 14-20' (H250313-14)

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	01/20/2025	ND	1.69	84.4	2.00	0.270		
Toluene*	<0.050	0.050	01/20/2025	ND	1.82	91.2	2.00	0.388		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.79	89.6	2.00	0.371		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.24	87.4	6.00	0.120		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/20/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/20/2025	ND	221	111	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	224	112	200	0.708	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
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 Fax To: (505) 391-4585

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: OGDEN STATE #4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: SW 136 14-20' (H250313-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	1.69	84.4	2.00	0.270		
Toluene*	<0.050	0.050	01/20/2025	ND	1.82	91.2	2.00	0.388		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.79	89.6	2.00	0.371		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.24	87.4	6.00	0.120		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/20/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/20/2025	ND	221	111	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	224	112	200	0.708	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.7 % 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:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: OGDEN STATE #4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: SW 137 14-20' (H250313-16)

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	01/20/2025	ND	1.69	84.4	2.00	0.270		
Toluene*	<0.050	0.050	01/20/2025	ND	1.82	91.2	2.00	0.388		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.79	89.6	2.00	0.371		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.24	87.4	6.00	0.120		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/20/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/20/2025	ND	221	111	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	224	112	200	0.708	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: OGDEN STATE #4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: SW 138 14-20' (H250313-17)

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	01/20/2025	ND	1.69	84.4	2.00	0.270	
Toluene*	<0.050	0.050	01/20/2025	ND	1.82	91.2	2.00	0.388	
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.79	89.6	2.00	0.371	
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.24	87.4	6.00	0.120	
Total BTEX	<0.300	0.300	01/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/20/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/20/2025	ND	221	111	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	224	112	200	0.708	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: OGDEN STATE #4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: SW 139 14-20' (H250313-18)

BTEX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2025	ND	1.69	84.4	2.00	0.270	
Toluene*	<0.050	0.050	01/20/2025	ND	1.82	91.2	2.00	0.388	
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.79	89.6	2.00	0.371	
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.24	87.4	6.00	0.120	
Total BTEX	<0.300	0.300	01/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/20/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/20/2025	ND	221	111	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	224	112	200	0.708	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 133 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: OGDEN STATE #4
 Project Number: MURCHISON
 Project Location: UL/ P SEC 2 T25S - R26E

Sampling Date: 01/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: SW 140 14-20' (H250313-19)

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	01/20/2025	ND	1.69	84.4	2.00	0.270		
Toluene*	<0.050	0.050	01/20/2025	ND	1.82	91.2	2.00	0.388		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.79	89.6	2.00	0.371		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.24	87.4	6.00	0.120		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/20/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/20/2025	ND	221	111	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	224	112	200	0.708	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 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.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC				P.O. #: _____				BILL TO			
Project Manager: Daniel Dominguez				Company: Murchison Oil & Gas							
Address: 4024 Plains Hwy				Attn: Greg Boans							
City: Lovington		State: NM		Zip: 88260		Address: 5325 Sierra Vista					
Phone #: 575 393-3386		Fax #: _____		City: Carlsbad		State: NM		Zip: 88230			
Project #:		Project Owner: Murchison Oil & Gas		State: NM		Zip: 88230		Phone #: 575 706-0667			
Project Name: Ogden State #4				Project Location: U/L P Sec 2 T25S - R26E		Fax #:					
Sampler Name: Jerry Heidelberg				PRESERV:		SAMPLING					

Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX								DATE	TIME	Chloride	TPH	BTEX 8021
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL					
H1250313																	
1	FL485b	20'	C	1	X								1/17/25	805	X	X	X
2	FL486b	20'	C	1		X							1/17/25	807	X	X	X
3	FL492b	20'	C	1		X							1/17/25	809	X	X	X
4	FL493b	20'	C	1		X							1/17/25	811	X	X	X
5	FL494b	20'	C	1		X							1/17/25	813	X	X	X
6	FL500b	20'	C	1		X							1/17/25	815	X	X	X
7	FL501b	20'	C	1		X							1/17/25	817	X	X	X
8	FL502b	20'	C	1		X							1/17/25	819	X	X	X
9	FL522b	20'	C	1		X							1/17/25	821	X	X	X
10	FL523b	20'	C	1		X							1/17/25	823	X	X	X

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Relinquished By: _____	Date: 11/24/25	Received By: _____
Time: 8:00am		
Delivered By: (Circle One) _____	- 210	- 210
Sampler - UPS - Bus - Other: H140		

Sample Condition	CHECKED BY: _____
Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

REMARKS:

24 hr RUSH

Email results to: pm@hungry-horse.com

gboans@jdmil.com



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO										ANALYSIS REQUEST														
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas																										
Address: 4024 Plains Hwy		Attn: Greg Boans																										
City: Lovington	State: NM	Zip: 88260	Address: 5325 Sierra Vista																									
Phone #: 575 393-3386	Fax #:		City: Carlsbad																									
Project #:	Project Owner: Murchison Oil & Gas	City: Carlsbad	State: NM	Zip: 88230																								
Project Name: Ogden State #4	State: NM	Zip: 88230	Phone #: 575 706-0667																									
Project Location: UL/ P Sec 2 T25S - R26E	Phone #:																											
Sampler Name: Jerry Heidelberg	Fax #:																											
FOR LAB USE ONLY		PRESERV.		SAMPLING																								
Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH	BTEX 8021										
H850313		20'	C 1	X										1/17/25	825	X	X	X										
	FL525b	14-20'	C 1	X										1/17/25	827	X	X	X										
	SW133	14-20'	C 1	X										1/17/25	829	X	X	X										
	SW134	14-20'	C 1	X										1/17/25	831	X	X	X										
	SW135	14-20'	C 1	X										1/17/25	833	X	X	X										
	SW136	14-20'	C 1	X										1/17/25	835	X	X	X										
	SW137	14-20'	C 1	X										1/17/25	837	X	X	X										
	SW138	14-20'	C 1	X										1/17/25	839	X	X	X										
	SW139	14-20'	C 1	X										1/17/25	841	X	X	X										
	SW140	14-20'	C 1	X										1/17/25														

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Relinquished By: <i>[Signature]</i>	Date: 1/30/25	Time: 8:00am	Received By: <i>[Signature]</i>	Date: 1/30/25	Time: 8:00am
Delivered By: (Circle One) <i>2.1c</i>	Sample Condition	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: <i>[Signature]</i>
Sampler - UPS - Bus - Other: <i>#140</i>	REMARKS: 24 hr RUSH				
Email results to: <i>pjm@hungry-horse.com</i>					
<i>gboans@jdmil.com</i>					

* Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 427595

QUESTIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 427595
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2424335058
Incident Name	NAPP2424335058 OGDEN STATE 4 LEGACY RELEASE @ 30-015-32479
Incident Type	Other
Incident Status	Reclamation Report Received
Incident Well	[30-015-32479] OGDEN STATE #004

Location of Release Source	
Please answer all the questions in this group.	
Site Name	OGDEN STATE 4 LEGACY RELEASE
Date Release Discovered	06/18/2024
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Other
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Other Other (Specify) Crude Oil Released: 0 BBL (Unknown Released Amount) Recovered: 0 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Other Other (Specify) Produced Water Released: 0 BBL (Unknown Released Amount) Recovered: 0 BBL Lost: 0 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)	Legacy release of unknown source. Release extent currently being assessed.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 2

Action 427595

QUESTIONS (continued)

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 427595
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Legacy release under investigation.

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: Cindy Cottrell Title: Regulatory Coordinator Email: ccottrell@jdmii.com Date: 10/09/2024
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QUESTIONS, Page 3

Action 427595

QUESTIONS (continued)

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 427595
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	Attached Document
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (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	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 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	High
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	52000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	2014
GRO+DRO (EPA SW-846 Method 8015M)	1870
BTEX (EPA SW-846 Method 8021B or 8260B)	0.3
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	10/21/2024
On what date will (or did) the final sampling or liner inspection occur	01/17/2025
On what date will (or was) the remediation complete(d)	01/31/2025
What is the estimated surface area (in square feet) that will be reclaimed	150000
What is the estimated volume (in cubic yards) that will be reclaimed	46403
What is the estimated surface area (in square feet) that will be remediated	150000
What is the estimated volume (in cubic yards) that will be remediated	46403
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 427595

QUESTIONS (continued)

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 427595
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	<i>Not answered.</i>
OR which OCD approved well (API) will be used for off-site disposal	<i>Not answered.</i>
OR is the off-site disposal site, to be used, out-of-state	Yes
In which state is the disposal taking place	Texas
What is the name of the out-of-state facility	R360 Red Bluff, Orla
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Cindy Cottrell Title: Regulatory Coordinator Email: ccottrell@jdmii.com Date: 02/03/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 427595

QUESTIONS (continued)

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 427595
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 427595

QUESTIONS (continued)

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 427595
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	420412
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/17/2025
What was the (estimated) number of samples that were to be gathered	19
What was the sampling surface area in square feet	2200

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	150000
What was the total volume (cubic yards) remediated	46403
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	150000
What was the total volume (in cubic yards) reclaimed	46403
Summarize any additional remediation activities not included by answers (above)	none
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Cindy Cottrell Title: Regulatory Coordinator Email: ccottrell@jdmii.com Date: 02/03/2025

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QUESTIONS, Page 7

Action 427595

QUESTIONS (continued)

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 427595
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	150000
What was the total volume of replacement material (in cubic yards) for this site	46403
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	01/31/2025
Summarize any additional reclamation activities not included by answers (above)	bermed for erosion control
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Cindy Cottrell Title: Regulatory Coordinator Email: ccottrell@jdmii.com Date: 02/03/2025

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QUESTIONS, Page 8

Action 427595

QUESTIONS (continued)

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 427595
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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CONDITIONS

Action 427595

CONDITIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 427595
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
bhall	Remediation closure and reclamation approved.	2/5/2025
bhall	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	2/5/2025
bhall	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeded activities, inspections, and final pictures when revegetation is achieved.	2/5/2025
bhall	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	2/5/2025