

## **Remediation Summary and Closure Request**

Murchison Oil & Gas, LLC
Ringer Federal #6
Eddy County, New Mexico
Unit Letter "P", Section 3, Township 25 South, Range 26 East
Latitude 32.154641 North, Longitude 104.275903 West
NMOCD Incident #: nAPP2430244854

Prepared For:

Murchison Oil & Gas 5325 Sierra Vista Carlsbad, NM 88230

Prepared By:

Hungry Horse, LLC 4024 Plains Hwy Lovington, NM 88260 Office: (575) 393-3386

February 2025

Daniel Dominguez
Environmental Director
ddominguez@hungry-horse.com

#### **Table Of Contents**

#### **Table Of Contents**

Background	1
NMOCD Site Classification	1
Remediation Activities	2
Sampling Procedure and Identification	2
Restoration, Reclamation, and Re-Vegetation	3
Closure Request	3
Limitations	4
Distribution	5

#### **Figures**

Figure 1 – Topographic Maj	ρ
----------------------------	---

Figure 2 – OSE POD Locations Map

Figure 3 – USGS Well Locations Map

Figure 4 – Delineation Sample Map

Figure 5 – Excavation Floor Sample Map

Figure 6 – Excavation Sidewall Sample Map

#### **Tables**

Table 1 – Summary of Soil Sample Laboratory Analytical Results

#### **Attachments**

Attachment I – Karst, Wetland, and Soil Maps

Attachment II – NMOCD Correspondence

Attachment III – Depth to Groundwater

Attachment IV – Site Photographs

Attachment V - Field Data

Attachment VI – Laboratory Analytical Results

Attachment VII – NMBLM Seed Mixture 4 for Gypsum Sites

Attachment VIII – R360 Red Bluff Landfill Listing of Disposal Manifests

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 3, Township 25 South, Range 26 East, approximately six miles Southeast of Whites City, in Eddy County, New Mexico. The property is located on Bureau of Land Management land. Topographic Map, OSE POD Locations Map, and USGS Well Locations Map are included as Figure 1, Figure 2, and Figure 3, respectively.

The location is an SWD and tank battery; Latitude 32.154641 North, Longitude 104.275903 West. An area of interest was identified as having indications of contamination on the surface, characterized by limited or no vegetative cover. The NMOCD Form C-141 indicates a historic release of unknown volume. Previously submitted pages of the NMOCD Form C-141 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 release area. Therefore, as the site is also located in a Gypsum Karst designated area, the site will be reclaimed 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
	Chloride	EPA 300.0 or SM4500 CLB	600 mg/kg
4F0/	TPH (GRO + DRO + MRO)	EPA SW-846 Method 8015M Ext	100 mg/kg
<50′	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 reclamation. Web Soil Survey indicates the area is located in the Gypsum land Cottonwood complex comprised of loam soils with 0 to 3 percent slopes.

NMBLM Seed Mixture 4 for Gypsum Sites will be utilized for seeding the area after reclamation activities are complete. Karst, Wetland, and Soil Maps are provided as Attachment I.



#### **Remediation Activities:**

On November 8, 2024, a Site Assessment and Remediation Work Plan was submitted to NMOCD for approval. On November 8, 2024, the Work Plan was approved. Previously submitted pages of the approved Site Assessment and Remediation Work Plan are available on the NMOCD Permitting Portal.

From December 9, 2024 through January 17, 2025, the area of concern was excavated. Excavated contaminated soil was temporarily stockpiled onsite, within the excavated area, before transport to an NMOCD approved disposal facility.

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

On January 16, 2025, Hungry Horse, LLC notified NMOCD that closure samples would be collected on January 21, 2025. NMOCD Correspondence is provided as Attachment II.

On January 21, 2025, one hundred 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 FL73 and SW1 through SW27, 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 totaled approximately fourteen thousand six-hundred square feet and ranged in depth from six inches to six and a half feet bgs. Approximately 1,782 cubic yards of impacted soil were excavated and hauled to an NMOCD approved disposal facility.

Delineation Sample Map, Excavation Floor Sample Map, and Excavation Sidewall Sample Map, are provided as Figure 4, Figure 5, and Figure 6, respectively. A Summary of Soil Sample Laboratory Analytical Results is provided as Table 1 and Laboratory Analytical Reports are provided as Attachment VI.

#### **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 SW1 through SW27 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 Map, provided as Figure 6, depicts sidewall sample boundaries.

#### Restoration, Reclamation, and Re-Vegetation:

As the area of interest is not reasonably needed for production operations, the area has been reclaimed according to 19.15.29.13 NMAC. Based upon laboratory analytical results from confirmation soil samples, the excavations wave been entirely backfilled with locally sourced, clean, non-impacted topsoil, of the same soil type as was excavated.

The excavations were backfilled in their entirety 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.

The affected area was then seeded, via drill seeder, with NMBLM Seed Mixture 4 for Gypsum Sites, free of noxious weeds, on January 31, 2025. After seeding activities, the area was watered. The site will also be monitored for growth and noxious weed management on a semi-annual basis until desired vegetation is achieved. NMBLM Seed Mixture 4 for Gypsum Sites is provided as Attachment VII.

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 end of the affected area, and along the lease road, to prevent vehicle access. Photographs of erosion control are provided in Attachment IV.

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 Ringer Federal #6 location, nAPP2430244854.



#### **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

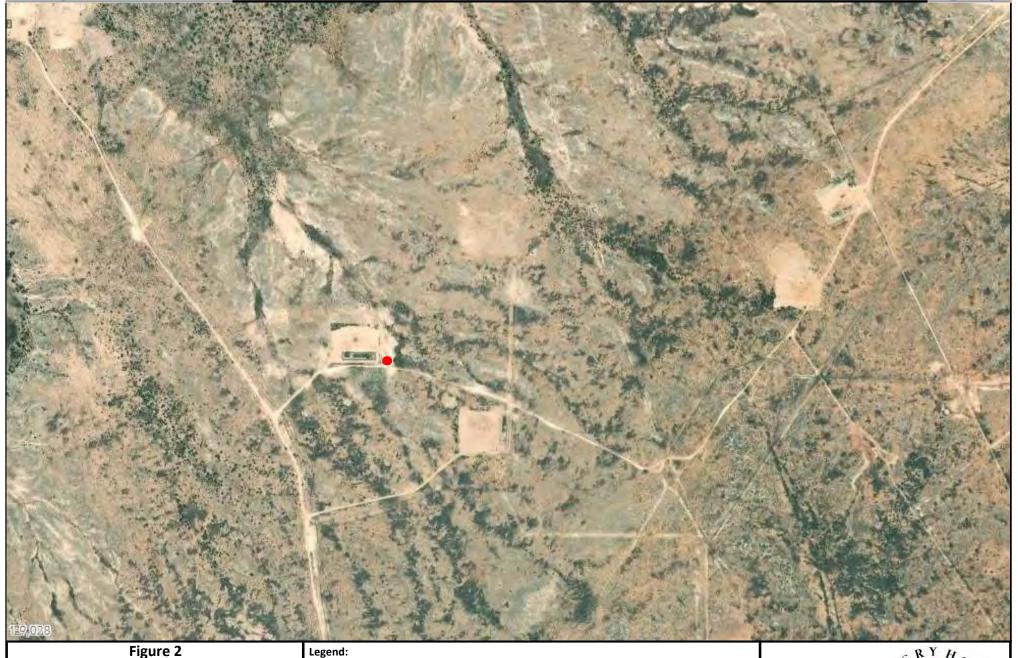
Oil Conservation Division, District 2 811 S. First St. Artesia, NM 88210

#### **New Mexico Bureau of Land Management**

620 E. Greene St Carlsbad, NM 88220

## **Figures**

Received by OCD: 2/6/2025 1:56:12 PM Page 10 of 238



#### Figure 2

OSE POD Locations Map Murchison Oil & Gas Ringer Federal #6 GPS: 32.154641, -104.275903 **Eddy County** 

Ringer Federal #6 Location

Drafted: dd Checked: bw 10/22/24 Date:



Received by OCD: 2/6/2025 1:56:12 PM Page 11 of 238

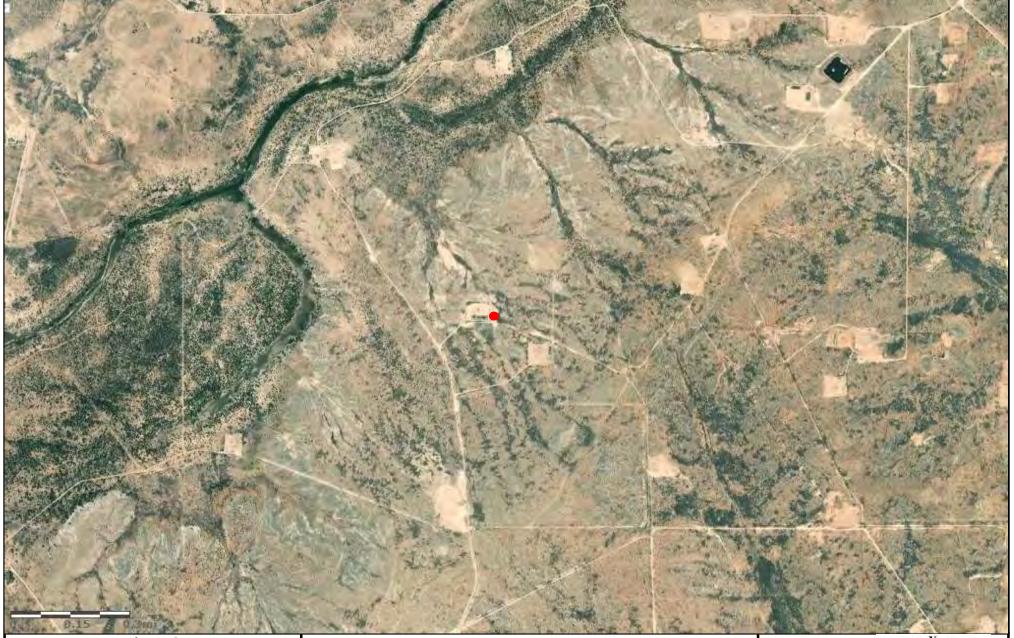


Figure 3

**USGS Well Locations Map** Murchison Oil & Gas Ringer Federal #6 GPS: 32.154641, -104.275903 **Eddy County** 

Legend:

Ringer Federal #6 Location

Drafted: dd Checked: bw

10/22/24 Date:



Murchison Oil & Gas
Ringer Federal #6
GPS: 32.154641, -104.275903
Eddy County

FL1 Composite Confirmation Sample Location

Berm Location

Drafted: dd Checked: jh Date: 1/31/25



SW19

SW20

SW21

#### Figure 6

Excavation Sidewall Sample Map Murchison Oil & Gas Ringer Federal #6 GPS: 32.154641, -104.275903 Eddy County Legend:

Excavation Area

Composite Confirmation Sidewall Sample Boundary

SW1 Composite Confirmation Sample Location

Berm Location

Drafted: dd
Checked: jh
Date: 1/31/25

THE NOW THE WAY OF THE PARTY OF

### **Table**

NMOCD Incident #: nAPP2430244854

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
	8/15/24	0.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,500
	8/15/24	2.0	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,720
CS-01	8/15/24	4.0	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,840
	8/15/24	6.0	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	880
	8/15/24	8.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
	8/15/24	0.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480
CS-02	8/15/24	2.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
C3-02	8/15/24	4.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
	8/15/24	7.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
	8/15/24	0.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
CS-03	8/15/24	2.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
C3-03	8/15/24	4.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
	8/15/24	8.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
	8/15/24	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
	8/15/24	2.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
BG-01	8/15/24	4.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
BG-01	8/15/24	5.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	8/15/24	7.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	8/15/24	8.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	8/15/24	0.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,010
	8/15/24	2.0	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,060
BG-02	8/15/24	4.0	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
	8/15/24	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	880
	8/15/24	7.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
NMOCD (	Closure Crite	ria		10	50	-	-	N/A	-	100	600

#### NOTES:

NMOCD Incident #: nAPP2430244854

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
SP1	11/1/24	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	51,200
3F1	11/1/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SP2	11/1/24	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,520
3F2	11/1/24	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
SP3	11/1/24	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,600
313	11/1/24	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496
SP4	11/1/24	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,560
314	11/1/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
HZ1	11/1/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32
1121	11/1/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
HZ2	11/1/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
1122	11/1/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ3	11/1/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
1123	11/1/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
HZ4	11/1/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
1124	11/1/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
HZ5	11/1/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
1123	11/1/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ6	11/1/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
1120	11/1/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
HZ7	11/1/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
1127	11/1/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
HZ8	11/1/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
1120	11/1/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
Topsoil	12/19/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NMOCD (	Closure Crite	ria		10	50	-	-	N/A	-	100	600

#### NOTES:

NMOCD Incident #: nAPP2430244854

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
FL1	1/21/25	6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL2	1/21/25	6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL3	1/21/25	6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL4	1/21/25	6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL5	1/21/25	6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL6	1/21/25	6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL7	1/21/25	6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL8	1/21/25	6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL9	1/21/25	6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL10	1/21/25	6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL11	1/21/25	6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL12	1/21/25	6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL13	1/21/25	6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL14	1/21/25	6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL15	1/21/25	6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL16	1/21/25	6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL17	1/21/25	6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL18	1/21/25	6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL19	1/21/25	6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL20	1/21/25	6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL21	1/21/25	6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL22	1/21/25	6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL23	1/21/25	6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL24	1/21/25	6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL25	1/21/25	6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL26	1/21/25	6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL27	1/21/25	6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL28	1/21/25	6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL29	1/21/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL30	1/21/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL31	1/21/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL32	1/21/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL33	1/21/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL34	1/21/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL35	1/21/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL36	1/21/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL37	1/21/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL38	1/21/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NMOCD (	Closure Crite	ria		10	50	-	-	N/A	-	100	600

#### NOTES:

Released to Imaging: 2/7/2025 1:23:00 PM

<sup>- =</sup> Sample not analyzed for that constituent.

NMOCD Incident #: nAPP2430244854

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
FL39	1/21/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL40	1/21/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL41	1/21/25	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL42	1/21/25	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL43	1/21/25	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL44	1/21/25	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL45	1/21/25	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL46	1/21/25	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL47	1/21/25	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL48	1/21/25	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL49	1/21/25	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL50	1/21/25	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL51	1/21/25	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL52	1/21/25	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL53	1/21/25	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL54	1/21/25	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL55	1/21/25	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL56	1/21/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL57	1/21/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL58	1/21/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL59	1/21/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL60	1/21/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL61	1/21/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL62	1/21/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL63	1/21/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL64	1/21/25	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL65	1/21/25	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL66	1/21/25	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL67	1/21/25	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL68	1/21/25	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL69	1/21/25	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL70	1/21/25	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL71	1/21/25	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL72	1/21/25	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL73	1/21/25	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW1	1/21/25	0-6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW2	1/21/25	0-6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW3	1/21/25	0-6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NMOCD (	losure Crite	ria		10	50	-	-	N/A	-	100	600

#### NOTES:

Released to Imaging: 2/7/2025 1:23:00 PM

<sup>- =</sup> Sample not analyzed for that constituent.

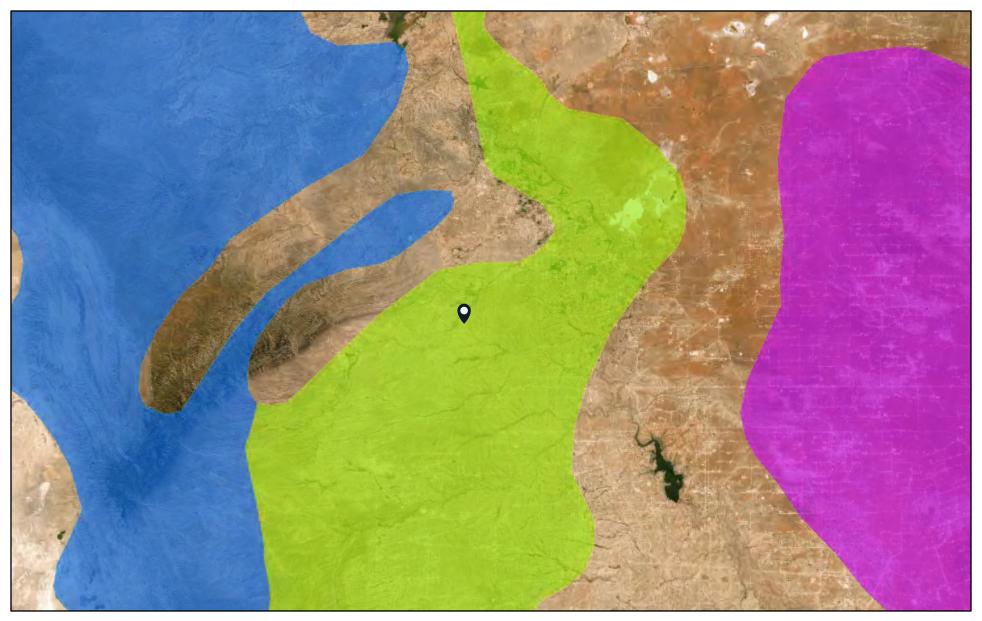
NMOCD Incident #: nAPP2430244854

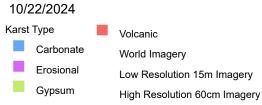
Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
SW4	1/21/25	0-6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW5	1/21/25	0-6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW6	1/21/25	0-6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW7	1/21/25	0-6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW8	1/21/25	0-6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW9	1/21/25	0-6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW10	1/21/25	3-6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW11	1/21/25	3-6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW12	1/21/25	3-6.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW13	1/21/25	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW14	1/21/25	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW15	1/21/25	0-6"	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW16	1/21/25	0-6"	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW17	1/21/25	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW18	1/21/25	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW19	1/21/25	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW20	1/21/25	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW21	1/21/25	0-6"	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW22	1/21/25	0-6"	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW23	1/21/25	0-6"	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW24	1/21/25	0-5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW25	1/21/25	0-5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW26	1/21/25	0-5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW27	1/21/25	0-5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NMOCD (	Closure Crite	ria		10	50	-	-	N/A	-	100	600

#### NOTES:

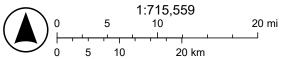
## Attachment I Karst, Wetland, and Soil Maps

## Ringer Federal #6





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



## Ringer Federal #6



October 22, 2024

#### Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

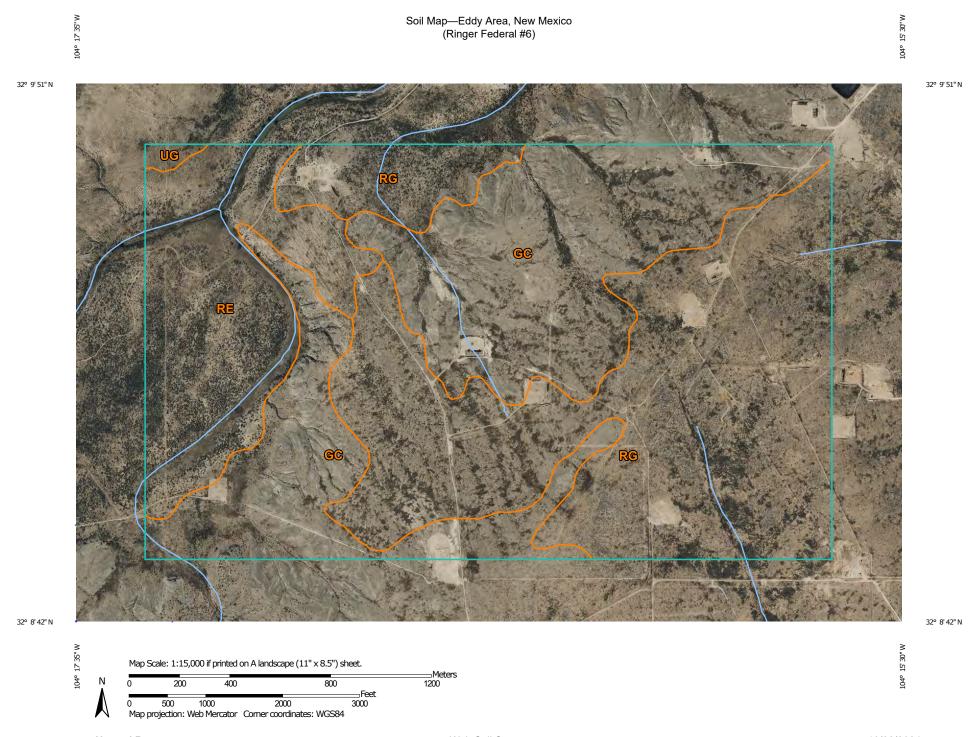
Lake

Riverine

Other



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 (Ringer Federal #6)

#### MAP LEGEND

â

0

Δ

**Water Features** 

Transportation

---

Background

Spoil Area

Stony Spot

Wet Spot

Other

Rails

**US Routes** 

Major Roads

Local Roads

Very Stony Spot

Special Line Features

Streams and Canals

Interstate Highways

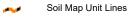
Aerial Photography

#### Area of Interest (AOI)

Area of Interest (AOI)

#### Soils

Soil Map Unit Polygons



Soil Map Unit Points

#### **Special Point Features**

Blowout

Borrow Pit

Clay Spot

Closed Depression

Gravel Pit

Gravelly Spot

Candfill

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

#### 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.

#### Ringer Federal #6

## **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	404.5	36.5%
RE	Reagan-Upton association, 0 to 9 percent slopes	193.7	17.5%
RG	Reeves-Gypsum land complex, 0 to 3 percent slopes	504.3	45.6%
UG	Upton gravelly loam, 0 to 9 percent slopes	4.5	0.4%
Totals for Area of Interest		1,107.0	100.0%

Ringer Federal #6

#### **Eddy Area, New Mexico**

## GC—Gypsum land-Cottonwood complex, 0 to 3 percent slopes

#### **Map Unit Setting**

National map unit symbol: 1w4g Elevation: 1,250 to 5,000 feet

Mean annual precipitation: 10 to 25 inches Mean annual air temperature: 57 to 66 degrees F

Frost-free period: 190 to 225 days

Farmland classification: Not prime farmland

#### **Map Unit Composition**

Gypsum land: 60 percent

Cottonwood and similar soils: 30 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

#### **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

#### **Description of Cottonwood**

#### Setting

Landform: Ridges, hills

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

footslope, toeslope

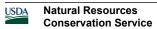
Landform position (three-dimensional): Side slope, head slope,

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 60 inches: bedrock



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

Ringer Federal #6

#### **Properties and qualities**

Slope: 0 to 3 percent

Depth to restrictive feature: 3 to 12 inches to paralithic bedrock

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.20 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

Gypsum, maximum content: 5 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0

mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Very low (about 1.2 inches)

#### Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 6s

Hydrologic Soil Group: D

Ecological site: R070BB006NM - Gyp Upland

Hydric soil rating: No

#### **Minor Components**

#### **Rock outcrop**

Percent of map unit: 5 percent

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 421554

#### QUESTIONS

Operator:	OGRID:
Murchison Oil and Gas, LLC	15363
7250 Dallas Parkway	Action Number:
Plano, TX 75024	421554
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

#### QUESTIONS

Prerequisites					
Incident ID (n#)	nAPP2430244854				
Incident Name	NAPP2430244854 RINGER FEDERAL 6 @ 30-015-33187				
Incident Type	Other				
Incident Status	Remediation Plan Approved				
Incident Well	[30-015-33187] RINGER FEDERAL #006				

Location of Release Source				
Site Name	Ringer Federal 6			
Date Release Discovered	08/15/2024			
Surface Owner	Federal			

Sampling Event General Information				
Please answer all the questions in this group.				
What is the sampling surface area in square feet	14,600			
What is the estimated number of samples that will be gathered	100			
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/21/2025			
Time sampling will commence	08:00 AM			
Please provide any information necessary for observers to contact samplers	Roy Bell 575-626-8959			
Please provide any information necessary for navigation to sampling site	32.154638, -104.275909			

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

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 421554

#### **CONDITIONS**

Operator:	OGRID:
Murchison Oil and Gas, LLC	15363
7250 Dallas Parkway	Action Number:
Plano, TX 75024	421554
	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.	1/16/2025

## Attachment III Depth to Groundwater

Received by OCD: 2/6/2025 1:56:12 PM

Page 33 of 238



# New Mexico Office of the State Engineer Wells With Well Log Information

No report data available.

**UTM Filters (in meters):** 

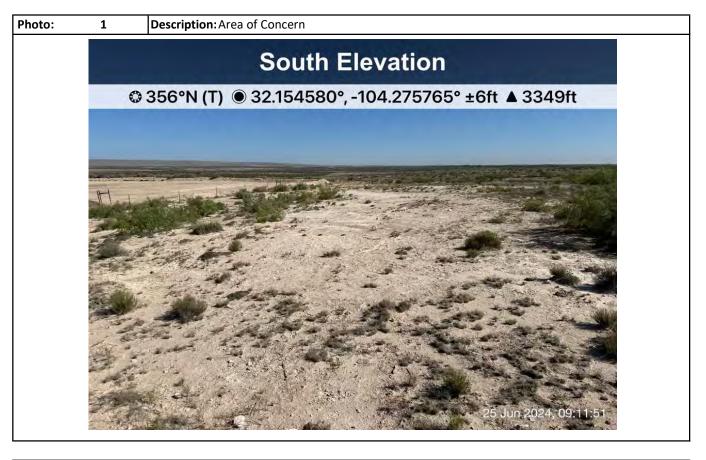
**Easting:** 568280.58 **Northing:** 3557806.29

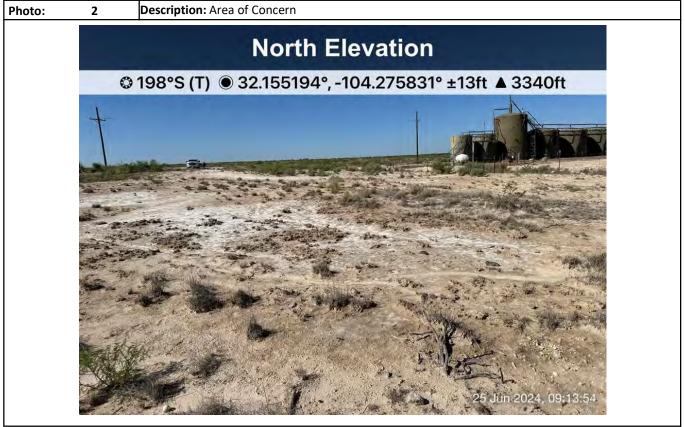
**Radius:** 805

\* 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.

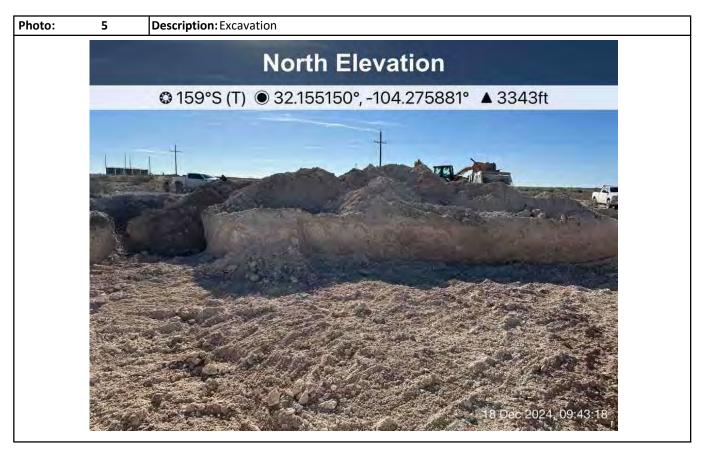
## Attachment IV Site Photographs



























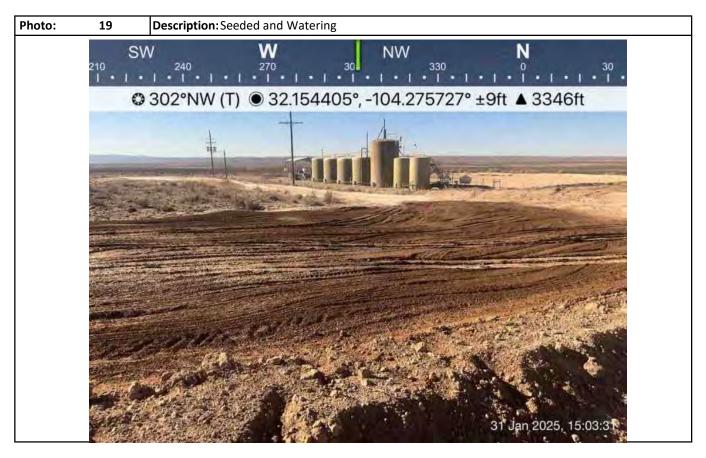














# Attachment V Field Data

### **Hungry Horse, LLC**

**Sample Log** 

Project: Ringer Federal #6

Karst Yes Water

<50' Standard TPH 100mg/kg, Chloride 600mg/kg Date: 10-31-24 1-1-24 GPS: 32.154641, -104.275903

Sampler: Jerry Heidelberg

Sample ID	Depth	PID/Odor	Chloride	GPS
HZI	Surf	NO	1.0 > 100	
	1	100	1.2>100	
HZ2	Suf	No	1.40,29,24=1110	
	1	120	1.80 H2X4=168	
1+23	Surt	No	1,2>100	
	1,	100	2.00 49x4= 142	
1-12-14	Surt	100	0,2 >100	
	1'	NO	1.8642X4 = 168	
HZ5	Suf	10	1.60 35x4=140	
	1 1	No	2.20 56x4=224	
HZ6	Sorf	120	1.40 29x4= 1120	
P. 1	1.	120	2.00 4914=198	
HZ7	Surf	No	1.6 > 100	
	1'1	No	1.60 35x4=140	
HZ8	Surf	NO	1,40 29x4=116	
C D :	1'	No	2,2056x4=198	
SPI	Surf	Little	Greater Hew 2.0	
	1'	Little	(1)	
	2'	Little	5-46-260x4= 1,040	
	3'	100	5.20x42x4 = 968	
	4!	Aio.	4.80-202x4= 832	
	8	NO	4.2016384= 652	
(1.5.4)	81	N)0	3.40 113×4= 452	
SP2	Surt	Yes	7.4@ 518 X4= 2.072	
	1,	Little	7.00 450x4= 1,800	
	-21	Little	5.6@279x4= 1,110	
	31	LiHle	5.66-279×7= 1,116	
	4'	10	5:40260x4=1,040	
	10'	.00	5.00 224x4= 896	
f Den.	181	No	3.86 137×1= 542	
9	\$ 10	んこ	2.20 82×4= 322	
SP3	Gost	485	Greater Hvin 2.0	
	3	Little	7.20 598 x4=,2,392	
	2'	No	4,40 178×4=712	
	3'	10	2,80 82×4=328	
	4'	NA	3:00 92x4 = 368	

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= SP1b @ 5' or SW #1b

Stockpile = Stockpile #1

### **Hungry Horse, LLC**

**Sample Log** 

Project:	Ringer	Federal #6
----------	--------	------------

Karst Yes Water <50'

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

Date:
GPS: 32.154641, -104.275903
Sampler: Jerry Heidelberg

Sample ID	Depth	PID/Odor	Chloride	GPS
SPA	Surt		6.80 H21x4= 1,684 3.40 113x4= 452 2.00 92x4= 362 2.40 64x4= 256 2.60 73x4=292	
	1		3,40 113x4= 450	
	21		2.00 92x4= 362	4914= 198
	3'		2.40 104x4=256	1770 = 110
	4'		2.60 7344-200	
			DA 1.3 rx/ix	
		1		
	-			
		7		
				-
		-		
				1.5

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 = SP1b @ 5' or SW #1b

Stockpile = Stockpile #1

## Attachment VI Laboratory Analytical Results



August 20, 2024

**DIMITRY NIKANOROV** 

MC NABB SERVICES

P. O. BOX 5753

HOBBS, NM 88240

RE: RINGER FED 6

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### 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: RINGER FED 6
Project Number: NOT GIVEN
Project Location: EDDY CO., NM

Sampling Date: 08/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

### Sample ID: CS - 01 (0.5') (H244987-01)

DTEV 0021D

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12500	16.0	08/19/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d 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	73.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.1	% 49.1-14	8						

Applyand By 14

### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### 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: 08/15/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: RINGER FED 6 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Alyssa Parras

Project Location: EDDY CO., NM

### Sample ID: CS - 01 (2') (H244987-02)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	08/19/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed 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	76.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.1	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



### 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: RINGER FED 6
Project Number: NOT GIVEN

Project Location: EDDY CO., NM

Sampling Date: 08/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

### Sample ID: CS - 01 (4') (H244987-03)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	08/19/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d 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	78.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.9	% 49.1-14	8						

Applyzod By: 14

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



### 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: RINGER FED 6 Project Number: NOT GIVEN Project Location: EDDY CO., NM

Sampling Date: 08/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

### Sample ID: CS - 01 (6') (H244987-04)

BTEX 8021B	mg/	kg	Analyze	d 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	122 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	08/19/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d 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	78.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.1	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### 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: 08/15/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: RINGER FED 6 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: EDDY CO., NM

### Sample ID: CS - 01 (8') (H244987-05)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	08/19/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d 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	77.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.0	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### 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: RINGER FED 6
Project Number: NOT GIVEN
Project Location: EDDY CO., NM

mg/kg

71.0 %

78.9 %

48.2-134

49.1-148

Sampling Date: 08/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CS - 02 (0.5') (H244987-06)

BTEX 8021B

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte  Chloride	Result <b>480</b>	Reporting Limit 16.0	Analyzed 08/19/2024	Method Blank ND	BS 416	% Recovery	True Value QC 400	0.00	Qualifier
•		16.0	08/19/2024			,	•		Qualifier
Chloride	480	16.0	08/19/2024	ND		,	•		Qualifier Qualifier
Chloride TPH 8015M	480 mg/	16.0 <b>/kg</b>	08/19/2024 Analyze	ND d By: MS	416	104	400	0.00	
Chloride TPH 8015M Analyte	480 mg/	16.0 /kg Reporting Limit	08/19/2024  Analyze  Analyzed	ND d By: MS  Method Blank	416 BS	104 % Recovery	400 True Value QC	0.00	
Chloride TPH 8015M  Analyte GRO C6-C10*	480 mg/ Result <10.0	16.0  /kg  Reporting Limit 10.0	08/19/2024  Analyze  Analyzed  08/19/2024	ND d By: MS  Method Blank  ND	416 BS 242	104 % Recovery 121	400  True Value QC 200	0.00 RPD 1.93	

Analyzed By: JH

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### 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

Reported: 08/20/2024
Project Name: RINGER FED 6
Project Number: NOT GIVEN

Project Location: EDDY CO., NM

Sampling Date: 08/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CS - 02 (2') (H244987-07)

BTEX 8021B	mg,	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/19/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d 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	75.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.1	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries of successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Frence



### 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: RINGER FED 6 Project Number: NOT GIVEN Project Location: EDDY CO., NM

Sampling Date: 08/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

### Sample ID: CS - 02 (4') (H244987-08)

BTEX 8021B	mg/	'kg	Analyze	d 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	122 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	08/19/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d 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	71.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.5	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



### 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: 08/15/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: RINGER FED 6 Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Alyssa Parras

Project Location: EDDY CO., NM

### Sample ID: CS - 02 (7') (H244987-09)

BTEX 8021B	mg/	kg	Analyze	d 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	123 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/19/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d 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	75.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.1	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### 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: RINGER FED 6 Project Number: NOT GIVEN

Project Location: EDDY CO., NM Sampling Date: 08/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

### Sample ID: CS - 03 (0.5') (H244987-10)

BTEX 8021B	mg/	kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/19/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.0	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

MC NABB SERVICES DIMITRY NIKANOROV P. O. BOX 5753 HOBBS NM, 88240 Fax To: (575) 391-8

Fax To: (575) 391-8484

Received: 08/16/2024 Sampling Date: 08/15/2024

Reported: 08/20/2024 Sampling Type: Soil
Project Name: RINGER FED 6 Sampling Condition: Cool & Intact

Project Number: NOT GIVEN Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: EDDY CO., NM

### Sample ID: CS - 03 (2') (H244987-11)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/19/2024	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d 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	71.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.6	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



### 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: 08/15/2024

Reported:08/20/2024Sampling Type:SoilProject Name:RINGER FED 6Sampling Condition:Cool

Project Name: RINGER FED 6 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Alyssa Parras

Project Location: EDDY CO., NM

### Sample ID: CS - 03 (4') (H244987-12)

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/19/2024	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d 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	73.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.2	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kune



### 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

08/20/2024 RINGER FED 6

92.8 %

49.1-148

Project Name: RINGER FED 6
Project Number: NOT GIVEN
Project Location: EDDY CO., NM

Sampling Date: 08/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CS - 03 (8') (H244987-13)

BTEX 8021B

	9/	9	Allalyzo	u 5 y : 5 : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.06	103	2.00	0.747	QM-07
Toluene*	<0.050	0.050	08/19/2024	ND	2.11	105	2.00	0.882	QM-07
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	2.12	106	2.00	1.26	QM-07
Total Xylenes*	<0.150	0.150	08/19/2024	ND	6.58	110	6.00	0.314	QM-07
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/19/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d 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	210	105	200	2.16	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	204	102	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					
Surrogate: 1-Chlorooctane	81.9	% 48.2-13	4						

Analyzed By: JH

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Frence

Surrogate: 1-Chlorooctadecane



### 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

08/20/2024 RINGER FED 6

Project Name: RINGER FED 6
Project Number: NOT GIVEN
Project Location: EDDY CO., NM

Sampling Date: 08/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BG - 01 (0.5') (H244987-14)

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	08/19/2024	ND	2.06	103	2.00	0.747	
Toluene*	<0.050	0.050	08/19/2024	ND	2.11	105	2.00	0.882	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	2.12	106	2.00	1.26	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	6.58	110	6.00	0.314	
Total BTEX	< 0.300	0.300	08/19/2024	ND					

Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/19/2024	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	08/19/2024	ND	210	105	200	2.16	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	204	102	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					

Surrogate: 1-Chlorooctane 69.0 % 48.2-134
Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



### 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 RINGER FED 6 NOT GIVEN

Project Location: EDDY CO., NM Sampling Date: 08/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

### Sample ID: BG - 01 (2') (H244987-15)

Project Name:

Project Number:

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.06	103	2.00	0.747	
Toluene*	<0.050	0.050	08/19/2024	ND	2.11	105	2.00	0.882	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	2.12	106	2.00	1.26	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	6.58	110	6.00	0.314	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 %	6 71.5-13	4						
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	08/19/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d 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	210	105	200	2.16	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	204	102	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					
Surrogate: 1-Chlorooctane	76.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.2	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### 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: 08/15/2024

Reported: 08/20/2024 Sampling Type: Soil

Project Name: RINGER FED 6 Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Alyssa Parras

Project Location: EDDY CO., NM

### Sample ID: BG - 01 (4') (H244987-16)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.06	103	2.00	0.747	
Toluene*	<0.050	0.050	08/19/2024	ND	2.11	105	2.00	0.882	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	2.12	106	2.00	1.26	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	6.58	110	6.00	0.314	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	Analyze	d 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	210	105	200	2.16	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	204	102	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					
Surrogate: 1-Chlorooctane	77.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.7	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



### 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: RINGER FED 6 Project Number: NOT GIVEN

Project Location: EDDY CO., NM Sampling Date: 08/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: BG - 01 (5') (H244987-17)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.06	103	2.00	0.747	
Toluene*	<0.050	0.050	08/19/2024	ND	2.11	105	2.00	0.882	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	2.12	106	2.00	1.26	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	6.58	110	6.00	0.314	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d 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	Analyze	d 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	210	105	200	2.16	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	204	102	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					
Surrogate: 1-Chlorooctane	74.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.1	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### 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:
 08/15/2024

 Reported:
 08/20/2024
 Sampling Type:
 Soil

Project Name: RINGER FED 6 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: EDDY CO., NM

### Sample ID: BG - 01 (7') (H244987-18)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.06	103	2.00	0.747	
Toluene*	<0.050	0.050	08/19/2024	ND	2.11	105	2.00	0.882	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	2.12	106	2.00	1.26	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	6.58	110	6.00	0.314	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	210	105	200	2.16	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	204	102	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					
Surrogate: 1-Chlorooctane	84.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.3	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



### 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: RINGER FED 6 Project Number: NOT GIVEN

Project Location: EDDY CO., NM Sampling Date: 08/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: BG - 01 (8') (H244987-19)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.06	103	2.00	0.747	
Toluene*	<0.050	0.050	08/19/2024	ND	2.11	105	2.00	0.882	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	2.12	106	2.00	1.26	
Total Xylenes*	< 0.150	0.150	08/19/2024	ND	6.58	110	6.00	0.314	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 %	6 71.5-13	4						
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	Analyze	d 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	210	105	200	2.16	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	204	102	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					
Surrogate: 1-Chlorooctane	73.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.5	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### 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

mg/kg

Project Name: RINGER FED 6
Project Number: NOT GIVEN
Project Location: EDDY CO., NM

Sampling Date: 08/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BG - 02 (0.5') (H244987-20)

BTEX 8021B

	91	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.06	103	2.00	0.747	
Toluene*	<0.050	0.050	08/19/2024	ND	2.11	105	2.00	0.882	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	2.12	106	2.00	1.26	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	6.58	110	6.00	0.314	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	08/19/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d 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	210	105	200	2.16	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	204	102	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					
Surrogate: 1-Chlorooctane	78.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.7	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### 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: 08/15/2024 Reported: 08/20/2024 Sampling Type: Soil

Project Name: RINGER FED 6 Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Alyssa Parras

Project Location: EDDY CO., NM

### Sample ID: BG - 02 (2') (H244987-21)

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	08/19/2024	ND	2.06	103	2.00	0.747	
Toluene*	<0.050	0.050	08/19/2024	ND	2.11	105	2.00	0.882	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	2.12	106	2.00	1.26	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	6.58	110	6.00	0.314	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1060	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	08/19/2024	ND	210	105	200	2.16	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	204	102	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					
Surrogate: 1-Chlorooctane	73.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.8	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



08/15/2024

### 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:

Reported: 08/20/2024 Sampling Type: Soil

Project Name: RINGER FED 6 Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Alyssa Parras

Project Location: EDDY CO., NM

### Sample ID: BG - 02 (4') (H244987-22)

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	08/19/2024	ND	2.06	103	2.00	0.747	
Toluene*	<0.050	0.050	08/19/2024	ND	2.11	105	2.00	0.882	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	2.12	106	2.00	1.26	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	6.58	110	6.00	0.314	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	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	08/19/2024	ND	210	105	200	2.16	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	204	102	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					
Surrogate: 1-Chlorooctane	79.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.7	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



08/15/2024

### 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:

mg/kg

Reported: 08/20/2024 Sampling Type: Soil

Project Name: RINGER FED 6 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: EDDY CO., NM

### Sample ID: BG - 02 (4.5') (H244987-23)

BTEX 8021B

	<u> </u>			• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.06	103	2.00	0.747	
Toluene*	<0.050	0.050	08/19/2024	ND	2.11	105	2.00	0.882	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	2.12	106	2.00	1.26	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	6.58	110	6.00	0.314	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 % 71.5-13		4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	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	08/19/2024	ND	210	105	200	2.16	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	204	102	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					
Surrogate: 1-Chlorooctane	82.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.2	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



08/15/2024

Soil

### 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: Reported: 08/20/2024 Sampling Type:

Project Name: RINGER FED 6 Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Alyssa Parras

Project Location: EDDY CO., NM

### Sample ID: BG - 02 (7.5') (H244987-24)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2024	ND	2.06	103	2.00	0.747	
Toluene*	<0.050	0.050	08/19/2024	ND	2.11	105	2.00	0.882	
Ethylbenzene*	<0.050	0.050	08/19/2024	ND	2.12	106	2.00	1.26	
Total Xylenes*	<0.150	0.150	08/19/2024	ND	6.58	110	6.00	0.314	
Total BTEX	<0.300	0.300	08/19/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	08/19/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d 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	210	105	200	2.16	
DRO >C10-C28*	<10.0	10.0	08/19/2024	ND	204	102	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/19/2024	ND					
Surrogate: 1-Chlorooctane	84.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.7	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### **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

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(575)	393-2326 1	575) 393-2326 FAX (5/5) 393-24/6	0	١		١	BILL	10	4	١			ANALYSIS	YSIS		REQUEST	ST			
Company Name: Mcl	McNabb Partners						100	1	1	1	+	1			_	1	$\dashv$	_	-	-
Project Manager: Dim	Dimitry Nikanorov				7	F.O. #.				_	_	_		Ī			_	_	_	_
Address: 5014 W Carlsbad Hwy	rlsbad Hwy				0	Company:		Murchison Oil & Gas	& Gas	_	_	_					_	_		_
0		State: NM	Zip:	00	88240	Attn:	Attn: Greg Boans	oans		_	_						_		_	_
25-	90	Fax#:			_	Addres	s: 532	Address: 5325 Sierra Vista	a Dr.		_	_					_	_	_	
		Project Owner		Murc	Murchison Oil&Gas	City:	Carlsbad	ad		_	_	-					_	_	_	_
					_	State: NM		Zip: 88220		_	_						_	_	_	_
Project Name: Ringer Fed 6	red 6						1			_	_	_	ĺ				_	_	_	_
Project Location: Edo	Eddy Co, NM					Phone	#: 5/5	Phone #: 575-706-0667		_	_	_					_	_	_	_
	nitry Nikanorov	Dimitry Nikanorov, Andrew Parker		,	_	Fax #:				_	_	-				_	_		_	_
٦				$\dashv$	MATRIX	PRE	PRESERV.	SAMPLING	NG	-	_	_					_	_	_	_
							1				_	_				_		_	_	_
Lab I.D.	Sample I.D.	I.D.	(G)RAB OR (C)O	# CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE;	OTHER:	DÁTE	TIME	TPH		BTEX	1							
H CHUMPI	CS-01	(0.5")		_	×	_		8/15/24	8:20	×	×	×	Ī	Ī			-	-	-	
>	CS-01	(2")	ଦ	->	×		×	8/15/24	8:25	×	×	×	T	T	t	H	1	1	-	
9	CS-01	(4")	G	-A.	×		×	8/15/24	8:30	×	×	×	T	T	T	t	1	1		
	CS-01	(6')	G	-	×		×	8/15/24	8:35	×	×	×		T	+	+	-	1	-	
2	CS-01	(8)	G	-4	×	-	×	8/15/24	8:40	×	×	×	t	T	t	+	1	1	+	
	CS-02	(0.5')	G	-	×		×	8/15/24	8:45	×	×	×	1	T	t	+	-		-	
76	CS-02	(2")	G	4	×	-	×	8/15/24	8:50	×	×	×		Ť	t	+	1		+	
۵.	CS-02	. (4")	G	~	×	H	×	8/15/24	8:55	×	×	×	t	T	t	+	-		1	
0	CS-02	(7)	G		×	-	×	8/15/24	9:00		×	× ×	t	T	t	+			-	
c .	CS-03	(0.5')	G	-	×	H		5	9:05	×	>	>		ľ	1	ŀ				
PLEASE WOTE: Lability and Damages. Cardinal's lability and of unalyses. All claims including those for negligence and any other service. In no event shall Cardinal be labile for included and service. In no event shall Cardinal be labile for including the sea endirection.	<ul> <li>Cardinal's liability and regigence and any of liable for incidental or or realisted in the performance</li> </ul>	0 4 9 2	any claim deamed g without Cardinal	erang eawed (mitab egand)	or based in contract made in writing and ness interruptions, I shether such claim I	intract or tort, shall be an ing and repaived by Card form, loss of use, or loss slaim is based upon any	Cardinal v or loss of pr on any of the	as on princes on the encours year of the pay Cardinal within 30 days after completion of the a or loss of profits incurred by client, its subsidiaries on any of the above stated respons or otherwise.	after completion of the ap by client, its subsidiaries, diseasons or otherwise.	- di	Š.		Addi	Phone	**					
Relinquished By:	related to the perturna	Date: U-Zu	Re	Sej.	Received By:	3			Verbal Result:	nabbpa	iled. P	lease prov	rew@mc	Add i Phone #: e Email address w@mcnabbpart	ress:	s.com	laura	a@mcn	abbpartr	ners.c
Relinguished By:		Date:	Re	ceiv	Received By:				NEMARKS.									•		
Delivered By: (Circle One)	ne)	Observed Temp. °C	-	0	Sample Condition Cool Intact	ion	CHEC (In	(Initials)	Turnaround Time: 48 hours	Time: ours		Standard	M	Bac	Bacteria (only) Cool Intact Yes   Yes	Yes	Obs	Bacteria (only) Sample Condition Cool Intact Observed Temp	Observed Temp. °C	1,5
Sampler - UPS - Bus - Other:	Other:	Corrected Temp. °C 0.4	00	4	No No	o s		B	Correction Factor -0.5°C	ctor -0.6	Ĉ				N S	No.	Cor	rected	Corrected Temp. °C	ľ

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

Corrected Temp, °C Observed Temp. °C

Time: 305

Received By:

REMARKS:

Received By

dimitry@mcnabbpartners.com, andrew@mcnabbpartners.com, laura@mcnabbpartners.com

Time:

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

	(010) 000 -000 1 111 (010) 000 -111		ľ			١	1			I	١		ANALYSIS PEOLICET
Company Name:	McNabb Partners						811	BILL 10					ANALISIS NEGOCOL
Project Manager:	Dimitry Nikanorov					P.O. #:							
Address: 5014	5014 W Carlsbad Hwy					Company:		Murchison Oil & Gas	Oil & Gas				
City: Hobbs	Stat	State: NM	Zip:	: 88240		Attn: Greg Boans	B gar	oans					
#	917-497-6890 Fax #:	Tr.				Address	: 532	Address: 5325 Sierra Vista Dr.	sta Dr,				
Project #:	Proje	Project Owner:	71	Murchison Oil&Gas		City: Carlsbad	arlsba	ad					
ame:	Ringer Fed 6				-	State: NM		Zip: 88220	0				
Ξ.	Eddy Co, NM					Phone #:	575	Phone #: 575-706-0667	j				
Sampler Name:	Dimitry Nikanorov, Andrew Parker	Parker				Fax #:							
FOR LAB USE ONLY			٦	W	MATRIX	PRESERV	ERV.	SAMPLING	LING				
Lab I.D.	Sample I.D.		(G)RAB OR (C)OMP	# CONTAINERS GROUNDWATER WASTEWATER	SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL	OTHER:	DATE	TIME	трн	Chloride	ВТЕХ	
	CS-03	(2')	Ġ		×	×		8/15/24	9:10	×	×	×	
17	CS-03	(4')	G	-	×	×	_	8/15/24	9:15	×	×	×	
77	CS-03	(8)	G	1	×	×		8/15/24	9:20	×	×	×	
<u> </u>	BG-01	(0.5)	G	-	×	×		8/15/24	9:25	×	×	×	
7	BG-01	(2')	G	1	×	×	_	8/15/24	9:30	×	×	×	
5	BG-01	(4)	G	4	×	×		8/15/24	9:35	×	×	×	
7	BG-01	(5)	G		×	×	^	8/15/24	9:40	×	×	×	
7	BG-01	(7)	9	1	×	×	^	8/15/24	9:45	×	×	×	
0	BG-01	(8)	G	-1	×	×		8/15/24	9:50	×	×	×	
77	BG-02	(0.5)	G	1	×	×	^	8/15/24	9:55	×	×	×	

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

CHECKED BY:

Turnaround Time: 48 hours

Standard

Bacteria (only) Sample Condition
Cool Intact Observed Temp. °C
Yes Yes
No No Corrected Temp. °C

ermometer ID #140 rrection Factor -0.6°C

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Corrected Temp. °C 0,4 Observed Temp, °C Relinquished By:

Date: 8-16-

Received By:

Verbal Result: ☐ Yes ☐ No ☐ Add'I Phone #:
All Results are emailed. Please provide Email address:

dimitry@mcnabbpartners.com, andrew@mcnabbpartners.com, laura@mcnabbpartners.com

Received By:

REMARKS:

Time:

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

Company Name:	McNabb Partners							Г		ı	В	1	BILL TO					AN	ANALYSIS	S REQUEST	ž	Ü	1	1		1	1	1	
Project Manager:	Dimitry Nikanorov							٦.	P.O. #:	渉																			
Address: 5014 W Carlsbad Hwy	W Carlsbad Hwy							O	ă	pan	y:	_	Company: Murchison Oil & Gar	Oil & Gas															
City: Hobbs		State: NM	Zip:		88240			A	ħ	G	reg	B	Attn: Greg Boans						_										
Phone #: 917-49	917-497-6890	Fax #:						Þ	dr	SSa	95	32	Address: 5325 Sierra Vista Dr	sta Dr,															
Project #:		Project Owner:		Mur	Murchison Oil&Gas	Oil&o	Sec	Ω	Ų:	City: Carlsbad	arts	ba	ď						_										
Project Name: Ringer Fed 6	inger Fed 6							S	ate	State: NM	×	N.	Zip: 88220						_										
Project Location:	Eddy Co, NM							P	Non	le #	01	75	Phone #: 575-706-0667					_											
Sampler Name:	Dimitry Nikanorov, Andrew Parker	ndrew Parker						F	Fax #:	.75		1						_	_										
FOR LABIUSE ONLY			٦		W	MATRIX	×		핃	PRESERV	FR	۶	SAMPLING	LING				_	_						-			_	
Lab I.D.	Sample I.D.	.5	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	OTHER:	DATE	TIME	трн	Chloride	втех			i.							-		
7	BG-02	(2")	G	_		-	-	_				_	8/15/24	10:00	×	×	×		-										
17	BG-02	(4')	G	-	×	×				×	^	_	8/15/24	10:05	×	×	×												
72	BG-02	(4.5)	G	-	,	×				×	^	_	8/15/24	10:10	×	×	×		-		1								
2/2	BG-02	(7.5')	G	-4	×	×				×	-	-	8/15/24	10:15	×	×	×												
						+++				+		-								П	11								
						-			$\overline{}$	-	-	-																	
						+	1			++		-							Н										
						-		-	_			_						-										1	

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

CHECKED BY:

Turnaround Time: 48 hours

ometer ID #140 tion Factor -0.6°C

Bacteria (only) Sample Condition
Cool Intact Observed Temp. °C

Yes Yes
No No Corrected Temp. °C



November 05, 2024

DANIEL DOMINGUEZ
Hungry Horse Environmental
P.O. Box 1058
Hobbs, NM 88240

RE: RINGER FEDERAL #6

Enclosed are the results of analyses for samples received by the laboratory on 11/01/24 16:25.

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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

Cardinal Laboratories is accreditated 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)

Celey D. Keene

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,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 11/01/2024 Sampling Date: 11/01/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: UL/P SEC 3 T25S - R26E

mg/kg

### Sample ID: SP 1 - SURF (H246693-01)

BTEX 8021B

DILX 0021B	ilig	/ kg	Allalyze	:u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2024	ND	1.89	94.3	2.00	12.2	
Toluene*	<0.050	0.050	11/04/2024	ND	1.83	91.4	2.00	11.3	
Ethylbenzene*	<0.050	0.050	11/04/2024	ND	1.86	92.9	2.00	9.84	
Total Xylenes*	<0.150	0.150	11/04/2024	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	11/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	51200	16.0	11/04/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	199	99.7	200	2.80	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	197	98.6	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					
Surrogate: 1-Chlorooctane	111 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.5	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 11/01/2024 Sampling Date: 11/01/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: MURCHISON

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SP 1 - 8' (H246693-02)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2024	ND	1.89	94.3	2.00	12.2	
Toluene*	<0.050	0.050	11/04/2024	ND	1.83	91.4	2.00	11.3	
Ethylbenzene*	<0.050	0.050	11/04/2024	ND	1.86	92.9	2.00	9.84	
Total Xylenes*	<0.150	0.150	11/04/2024	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	11/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/04/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	199	99.7	200	2.80	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	197	98.6	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.3	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 11/01/2024 Sampling Date: 11/01/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Sample Received By: Project Number: MURCHISON Shalyn Rodriguez

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SP 2 - SURF (H246693-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2024	ND	1.89	94.3	2.00	12.2	
Toluene*	<0.050	0.050	11/04/2024	ND	1.83	91.4	2.00	11.3	
Ethylbenzene*	<0.050	0.050	11/04/2024	ND	1.86	92.9	2.00	9.84	
Total Xylenes*	<0.150	0.150	11/04/2024	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	11/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2520	16.0	11/04/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	199	99.7	200	2.80	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	197	98.6	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.5	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 11/01/2024 Sampling Date: 11/01/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: MURCHISON

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SP 2 - 8' (H246693-04)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2024	ND	1.89	94.3	2.00	12.2	
Toluene*	<0.050	0.050	11/04/2024	ND	1.83	91.4	2.00	11.3	
Ethylbenzene*	<0.050	0.050	11/04/2024	ND	1.86	92.9	2.00	9.84	
Total Xylenes*	<0.150	0.150	11/04/2024	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	11/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/04/2024	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	199	99.7	200	2.80	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	197	98.6	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.7	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 11/01/2024 Sampling Date: 11/01/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: UL/P SEC 3 T25S - R26E

mg/kg

### Sample ID: SP 3 - SURF (H246693-05)

BTEX 8021B

DIEX OUZID	11197	ng .	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2024	ND	1.89	94.3	2.00	12.2	
Toluene*	< 0.050	0.050	11/04/2024	ND	1.83	91.4	2.00	11.3	
Ethylbenzene*	<0.050	0.050	11/04/2024	ND	1.86	92.9	2.00	9.84	
Total Xylenes*	<0.150	0.150	11/04/2024	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	11/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12600	16.0	11/04/2024	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	199	99.7	200	2.80	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	197	98.6	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					
Surrogate: 1-Chlorooctane	114 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.2	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 11/01/2024 Sampling Date: 11/01/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: UL/P SEC 3 T25S - R26E

mg/kg

### Sample ID: SP 3 - 3' (H246693-06)

BTEX 8021B

DILX OUZID	11197	ng .	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2024	ND	1.89	94.3	2.00	12.2	
Toluene*	< 0.050	0.050	11/04/2024	ND	1.83	91.4	2.00	11.3	
Ethylbenzene*	< 0.050	0.050	11/04/2024	ND	1.86	92.9	2.00	9.84	
Total Xylenes*	<0.150	0.150	11/04/2024	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	11/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	11/04/2024	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	199	99.7	200	2.80	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	197	98.6	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					
Surrogate: 1-Chlorooctane	110 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.6	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 11/01/2024 Sampling Date: 11/01/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SP 4 - SURF (H246693-07)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2024	ND	1.89	94.3	2.00	12.2	
Toluene*	<0.050	0.050	11/04/2024	ND	1.83	91.4	2.00	11.3	
Ethylbenzene*	<0.050	0.050	11/04/2024	ND	1.86	92.9	2.00	9.84	
Total Xylenes*	<0.150	0.150	11/04/2024	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	11/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1560	16.0	11/04/2024	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	199	99.7	200	2.80	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	197	98.6	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					
Surrogate: 1-Chlorooctane	110 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.3	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

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

Received: 11/01/2024 Sampling Date: 11/01/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Shalyn Rodriguez

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SP 4 - 1' (H246693-08)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2024	ND	1.89	94.3	2.00	12.2	
Toluene*	<0.050	0.050	11/04/2024	ND	1.83	91.4	2.00	11.3	
Ethylbenzene*	<0.050	0.050	11/04/2024	ND	1.86	92.9	2.00	9.84	
Total Xylenes*	<0.150	0.150	11/04/2024	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	11/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/04/2024	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	199	99.7	200	2.80	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	197	98.6	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.2	% 49.1-14	8						

### Cardinal Laboratories

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

\*=Accredited Analyte



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 11/01/2024 Sampling Date: 11/01/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: UL/P SEC 3 T25S - R26E

mg/kg

### Sample ID: HZ 1 - SURF (H246693-09)

BTEX 8021B

DILX OUZID	11197	ng .	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2024	ND	1.89	94.3	2.00	12.2	
Toluene*	< 0.050	0.050	11/04/2024	ND	1.83	91.4	2.00	11.3	
Ethylbenzene*	< 0.050	0.050	11/04/2024	ND	1.86	92.9	2.00	9.84	
Total Xylenes*	<0.150	0.150	11/04/2024	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	11/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/04/2024	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	199	99.7	200	2.80	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	197	98.6	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					
Surrogate: 1-Chlorooctane	114 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.1	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 11/01/2024 Sampling Date: 11/01/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Project Number: MURCHISON Sample Received By: Shalyn Rodriguez

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: HZ 1 - 1' (H246693-10)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2024	ND	1.89	94.3	2.00	12.2	
Toluene*	<0.050	0.050	11/04/2024	ND	1.83	91.4	2.00	11.3	
Ethylbenzene*	<0.050	0.050	11/04/2024	ND	1.86	92.9	2.00	9.84	
Total Xylenes*	<0.150	0.150	11/04/2024	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	11/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/04/2024	ND	416	104	400	7.41	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	199	99.7	200	2.80	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	197	98.6	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					
Surrogate: 1-Chlorooctane	114 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.8	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 11/01/2024 Sampling Date: 11/01/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Shalyn Rodriguez

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: HZ 2 - SURF (H246693-11)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2024	ND	1.89	94.3	2.00	12.2	
Toluene*	<0.050	0.050	11/05/2024	ND	1.83	91.4	2.00	11.3	
Ethylbenzene*	<0.050	0.050	11/05/2024	ND	1.86	92.9	2.00	9.84	
Total Xylenes*	<0.150	0.150	11/05/2024	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	11/05/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/04/2024	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	199	99.7	200	2.80	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	197	98.6	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.3	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 11/01/2024 Sampling Date: 11/01/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Shalyn Rodriguez

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: HZ 2 - 1' (H246693-12)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2024	ND	1.89	94.3	2.00	12.2	
Toluene*	<0.050	0.050	11/05/2024	ND	1.83	91.4	2.00	11.3	
Ethylbenzene*	<0.050	0.050	11/05/2024	ND	1.86	92.9	2.00	9.84	
Total Xylenes*	<0.150	0.150	11/05/2024	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	11/05/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/04/2024	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	199	99.7	200	2.80	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	197	98.6	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.7	% 49.1-14	18						
	07.7	,,,,	~						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 11/01/2024 Sampling Date: 11/01/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: HZ 3 - SURF (H246693-13)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2024	ND	1.89	94.3	2.00	12.2	
Toluene*	<0.050	0.050	11/05/2024	ND	1.83	91.4	2.00	11.3	
Ethylbenzene*	<0.050	0.050	11/05/2024	ND	1.86	92.9	2.00	9.84	
Total Xylenes*	<0.150	0.150	11/05/2024	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	11/05/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/04/2024	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	199	99.7	200	2.80	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	197	98.6	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					
Surrogate: 1-Chlorooctane	111 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kreene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 11/01/2024 Sampling Date: 11/01/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: UL/P SEC 3 T25S - R26E

ma/ka

### Sample ID: HZ 3 - 1' (H246693-14)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2024	ND	1.89	94.3	2.00	12.2	
Toluene*	<0.050	0.050	11/05/2024	ND	1.83	91.4	2.00	11.3	
Ethylbenzene*	<0.050	0.050	11/05/2024	ND	1.86	92.9	2.00	9.84	
Total Xylenes*	<0.150	0.150	11/05/2024	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	11/05/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/04/2024	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	199	99.7	200	2.80	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	197	98.6	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					
Surrogate: 1-Chlorooctane	113	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 11/01/2024 Sampling Date: 11/01/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: HZ 4 - SURF (H246693-15)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2024	ND	1.89	94.3	2.00	12.2	
Toluene*	<0.050	0.050	11/05/2024	ND	1.83	91.4	2.00	11.3	
Ethylbenzene*	<0.050	0.050	11/05/2024	ND	1.86	92.9	2.00	9.84	
Total Xylenes*	<0.150	0.150	11/05/2024	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	11/05/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/04/2024	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	223	111	200	2.78	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	214	107	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 11/01/2024 Sampling Date: 11/01/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Shalyn Rodriguez

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: HZ 4 - 1' (H246693-16)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2024	ND	1.89	94.3	2.00	12.2	
Toluene*	<0.050	0.050	11/05/2024	ND	1.83	91.4	2.00	11.3	
Ethylbenzene*	<0.050	0.050	11/05/2024	ND	1.86	92.9	2.00	9.84	
Total Xylenes*	<0.150	0.150	11/05/2024	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	11/05/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/04/2024	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	223	111	200	2.78	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	214	107	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					
Surrogate: 1-Chlorooctane	96.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.1	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Freene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 11/01/2024 Sampling Date: 11/01/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: HZ 5 - SURF (H246693-17)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2024	ND	2.02	101	2.00	0.305	
Toluene*	<0.050	0.050	11/04/2024	ND	2.09	104	2.00	0.0235	
Ethylbenzene*	<0.050	0.050	11/04/2024	ND	2.11	105	2.00	0.201	
Total Xylenes*	<0.150	0.150	11/04/2024	ND	6.28	105	6.00	0.0682	
Total BTEX	<0.300	0.300	11/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/04/2024	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	223	111	200	2.78	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	214	107	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					
Surrogate: 1-Chlorooctane	98.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kreene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 11/01/2024 Sampling Date: 11/01/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Shalyn Rodriguez

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: HZ 5 - 1' (H246693-18)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2024	ND	2.02	101	2.00	0.305	
Toluene*	<0.050	0.050	11/04/2024	ND	2.09	104	2.00	0.0235	
Ethylbenzene*	<0.050	0.050	11/04/2024	ND	2.11	105	2.00	0.201	
Total Xylenes*	<0.150	0.150	11/04/2024	ND	6.28	105	6.00	0.0682	
Total BTEX	<0.300	0.300	11/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/04/2024	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	223	111	200	2.78	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	214	107	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					
Surrogate: 1-Chlorooctane	88.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.0	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

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

Received: 11/01/2024 Sampling Date: 11/01/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: HZ 6 - SURF (H246693-19)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2024	ND	2.02	101	2.00	0.305	
Toluene*	<0.050	0.050	11/04/2024	ND	2.09	104	2.00	0.0235	
Ethylbenzene*	<0.050	0.050	11/04/2024	ND	2.11	105	2.00	0.201	
Total Xylenes*	<0.150	0.150	11/04/2024	ND	6.28	105	6.00	0.0682	
Total BTEX	<0.300	0.300	11/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/04/2024	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	223	111	200	2.78	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	214	107	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					
Surrogate: 1-Chlorooctane	97.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.7	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey & Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 11/01/2024 Sampling Date: 11/01/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: MURCHISON

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: HZ 6 - 1' (H246693-20)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2024	ND	2.02	101	2.00	0.305	
Toluene*	<0.050	0.050	11/04/2024	ND	2.09	104	2.00	0.0235	
Ethylbenzene*	<0.050	0.050	11/04/2024	ND	2.11	105	2.00	0.201	
Total Xylenes*	<0.150	0.150	11/04/2024	ND	6.28	105	6.00	0.0682	
Total BTEX	<0.300	0.300	11/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/04/2024	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	223	111	200	2.78	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	214	107	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					
Surrogate: 1-Chlorooctane	91.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.4	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

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

Received: 11/01/2024 Sampling Date: 11/01/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Sample Received By: Project Number: MURCHISON Shalyn Rodriguez

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: HZ 7 - SURF (H246693-21)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2024	ND	2.02	101	2.00	0.305	
Toluene*	<0.050	0.050	11/04/2024	ND	2.09	104	2.00	0.0235	
Ethylbenzene*	< 0.050	0.050	11/04/2024	ND	2.11	105	2.00	0.201	
Total Xylenes*	<0.150	0.150	11/04/2024	ND	6.28	105	6.00	0.0682	
Total BTEX	<0.300	0.300	11/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/04/2024	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	11/04/2024	ND	223	111	200	2.78	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	214	107	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 11/01/2024 Sampling Date: 11/01/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Shalyn Rodriguez

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: HZ 7 - 1' (H246693-22)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2024	ND	2.02	101	2.00	0.305	
Toluene*	<0.050	0.050	11/04/2024	ND	2.09	104	2.00	0.0235	
Ethylbenzene*	<0.050	0.050	11/04/2024	ND	2.11	105	2.00	0.201	
Total Xylenes*	<0.150	0.150	11/04/2024	ND	6.28	105	6.00	0.0682	
Total BTEX	<0.300	0.300	11/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/04/2024	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2024	ND	223	111	200	2.78	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	214	107	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					
Surrogate: 1-Chlorooctane	85.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.5	% 49.1-14	18						

### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 11/01/2024 Sampling Date: 11/01/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Project Number: Sample Received By: MURCHISON Shalyn Rodriguez

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: HZ 8 - SURF (H246693-23)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2024	ND	2.02	101	2.00	0.305	
Toluene*	<0.050	0.050	11/04/2024	ND	2.09	104	2.00	0.0235	
Ethylbenzene*	<0.050	0.050	11/04/2024	ND	2.11	105	2.00	0.201	
Total Xylenes*	<0.150	0.150	11/04/2024	ND	6.28	105	6.00	0.0682	
Total BTEX	<0.300	0.300	11/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/04/2024	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	11/04/2024	ND	223	111	200	2.78	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	214	107	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					
Surrogate: 1-Chlorooctane	96.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.5	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 11/01/2024 Sampling Date: 11/01/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: MURCHISON

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: HZ 8 - 1' (H246693-24)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2024	ND	2.02	101	2.00	0.305	
Toluene*	<0.050	0.050	11/04/2024	ND	2.09	104	2.00	0.0235	
Ethylbenzene*	<0.050	0.050	11/04/2024	ND	2.11	105	2.00	0.201	
Total Xylenes*	<0.150	0.150	11/04/2024	ND	6.28	105	6.00	0.0682	
Total BTEX	<0.300	0.300	11/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/05/2024	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	11/04/2024	ND	223	111	200	2.78	
DRO >C10-C28*	<10.0	10.0	11/04/2024	ND	214	107	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	11/04/2024	ND					
Surrogate: 1-Chlorooctane	97.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.6	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### **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

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



	(575) 393-2326 FAX (575) 393-2476	FAX (575) 393-2	4/6				2	ANALYSIS RECLIEST
Company Name:	Hungry Horse LLC	.0		BILL 10		1	- 2	
Project Manager:	Daniel Dominguez	25 26		7.0. #.				
Address: 4024 P	4024 Plains Hwy			Company Murchison Oil & Gas	Oil & Gas		_	
City: Lovington		State: NM	Zip: 88260	Attn: Greg Boans				
##	575 393-3386	Fax #:		Address: 5325 Sierra	Vista		_	
		Project Owner:	Murchison Oil & Gas	City: Carlsbad				
ame:	Ringer Federal #6			State: NM Zip: 88230	30			
음 L	UL/ P Sec 3 T25S -	S - R26E		Phone #: 575 706-0667	67			
Sampler Name:	Jerry Heidelberg			Fax #:				
FOR LAB USE ONLY			MATRIX	PRESERV. SAMPLING	LING			
Lab I.D.	Sample I.D.	i.D.	G)RAB OR (C)OMP.  # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	TIME Chloride	ТРН	BTEX 8021	
_	SP1-Surf		-1 #	×	×	×	×	
2	SP1-8'		G 1 X	X 11/1/24		×	×	
3	SP2-Surf		G 1 X	X 11/1/24		×	×	
	SP2-8'		G 1 ×	X 11/1/24		×	×	
S.	SP3-Surf		G 1 ×	-		×	× ×	
S	SP3-3'		G 1 ×	1		×	×	
7 8	SP4-Surf		G 1 ×	X 11/1/24		×	×	
8	SP4-1'		G 1	+		× ×	< >	
	HZ1-Surf		G 1	1		< >	< >	
PLEASE NOTE: Liability and D	HZ1-1' Liability and Damages. Cardina's liability and client's exclusive rem	dient's exclusive remedy for	G 1 X X	not or fort, shall be limited to the amount paid by	ort paid by the client for the	,	>	
analyses. All claims including those for negligence and a service. In no event shall Cardinal be liable for incidental affiliates or successors arising out of or related to the per-	those for negligence and any of linal be liable for incidental or or out of or related to the performs	her cause whatsoever shall be insequental damages, including since of services hereunder by	deemed waved unless made in writing g without limitation, business interruption Cardinal, regardless of whether such cla	analyses. All claims including those for negligence and any other cause whatspeers shall be deemed wavest unless made in widorg and one-new or years and profits incurred by clent, its subsidiaries, service. In no event shall Carolinal be labble for incidental or consequential damages, including willout inflation, business interruptions, loss of use, or loss of profits incurred by clent, its subsidiaries, service, in no event shall Carolinal be labble for incidental or consequential damages, including willout inflation, business interruptions, loss of use, or loss of profits incurred by clent, its subsidiaries, whether such claim is based upon any of the above stated reasons or otherwise.    Phone   Ph	ons or otherwise.  Phone Result:		□ No	Add*I Phone 生
O O	1011	Time	1000	ion ec	REMARKS:	4.0	48 hr	USHI
Relinquished By:	The Land Street	Date:	Received By:	9	Email results to	Its to	pm@hungry-horse.com	horse.com
1		Time:					gboans@jdmii.com	nii.com
Delivered By: (Circle One)	(Circle One)	13: 00.00.00:		Condition CHECKED BY:				
Sampler - UPS -	Bus - Other	0.70	#100 Bresches	No O				

Page 28 of 29

### Laboratories

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	10101000-2020 10101010101000 2710	10010	01000-	1												
Company Name:	e: Hungry Horse LLC	TC					3	BILL TO					ANALYSIS		REQUEST	
Project Manager:	Daniel Dominguez	Jez				ď	P.O. #:									
Address: 402	4024 Plains Hwy					0	Company	Murchison Oil & Gas	oil & Gas					_		
City: Lovington	on	State:	MN	Zip:	88260	A	Attn: Greg Boans	Boans								_
Phone #: 575	575 393-3386	Fax #:				Þ	ddress: 5	Address: 5325 Sierra Vista	ista			_				_
Project #:		Project Owner:	Owner:	Murchiso	Murchison Oil & Gas		City: Carlsbad	bad				_				
ame:	Ringer Federal #6					S	State: NM	Zip: 88230	0							
9 ∟	n: UL/ P Sec 3 T25S - R26E	5S - R26E				70	Phone #: 5	575 706-0667				_		_		
Sampler Name:	Jerry Heidelberg	g				77	Fax #:									
FOR LAB USE ONLY	٦				MA	MATRIX	PRESERV.	V. SAMPLING	NG					_		
Lab I.D.	Sample I.D.	e I.D.		)RAB OR (C)OMP.	ROUNDWATER ASTEWATER DIL	LUDGE	THER : CID/BASE: E / COOL THER :			hloride	PH	TEX 8021				
WIND IN	HZ2-Surf			G ((	V	S	× 10	11/1/24	1	×	-	×				
12	HZ2-1'			G 1	×		×	11/1/24		×	×	×				
13	HZ3-Surf			G 1	×		×	11/1/24		×	×	×				
14	HZ3-1'			G 1	×		×	11/1/24		×	×	×				
15	HZ4-Surf			G 1	×		×	11/1/24		×	×	×				
16	HZ4-1'			G 1	×		×	11/1/24		×	×	×				
17	HZ5-Surf			G 1	×		×	11/1/24		×	×	×				
B	HZ5-1'			G 1	×		×	11/1/24		×	×	×				
19	HZ6-Surf			G 1	×		×	11/1/24		×	×	×				-
30	HZ6-1'	d dispersion	a ramado for an	G 1		Total or had		11	/1/24	×	×	×		-		-
PLEASE NOTE: Liability an analyses. All claims includin service. In no event shall Ca	PLEASE NOTE: Labeling and Damages. Catomats studieg and creens sociative remote to any social network product on the common of the process of the applicable makes, all claims including those for negligence and any other cause whatever shall be deemed waked unless made in wifein gard and resched by Catomal within 30 darks after completion of the applicable period. All claims including those for negligence and any other cause whatever shall be deemed waked unless made in wifein gard and resched by Catomal within 30 darks after completion, the applicable period of the control of the common of the process of the control of the common of the process of the control of the contro	d client's exclusive whats onsequental dam	remedy to an open shall be d	shall be deemed waked unless in including without limitation, busin and a full metal to a constitute of un	whether based in w unless made in w n, business intern	n writing and received temptions, lose of us	ed by Cardinal within use, or loss of profits a	the amount peed by the 30 days after combs incurred by client.	pletion of the app its subsidiaries	cable						
Relinquished By:	hed By:	Date	Date: 20	Receiv	Received By:				Phone Result:	ult:	□ Yes	ON O	Add'I Fax #:	one#		
Remi	Charles Services	Tim	Time: U2S	\$	NO S	RON	NON	1	REMARKS:	S		48 hr	48 hr RUSH!			
Reinquished By:	V:	Date:	is is	Receiv	Received By:	0		1	Email	Email results to:		pm@hungry-horse. gboans@jdmii.com	pm@hungry-horse.com gboans@jdmii.com	com		
Delivered By: Sampler - UPS -	(Circle One) Bus - Other:	1360	30.00	4140	Sample Cond Cool Intac	Sample Condition Cool Intact Pes Tyes	Ω	CHECKED BY: (Initials)								
† Cardinal can	Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476	hanges. F	lease fax	written	changes to	0 575-39	3-2476									

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

Company Name:	Hungry Horse LLC	TC		BILL TO			ANALYSIS REQUEST	QUEST	
Project Manager:	Daniel Dominguez	leZ		P.O. #:					
Address: 4024	4024 Plains Hwy			Company Murchison Oil & Gas	Gas	_			
City: Lovington		State: NM	<b>Zip:</b> 88260	Attn: Greg Boans					
Phone #: 575 3	575 393-3386	Fax #:		Address: 5325 Sierra Vista				_	
Project #:	7	Project Owner:	Murchison Oil & Gas	City: Carlsbad					
Project Name: R	Ringer Federal #6			State: NM Zip: 88230			_		
Project Location:	UL/ P Sec 3 T25S - R26E	5S - R26E		Phone #: 575 706-0667					
Sampler Name:	Jerry Heidelberg	ľ		Fax #:		_	_		
FOR LAB USE DNLY			MATRIX	PRESERV. SAMPLING		_		_	
Lab I.D.	Sample I.D.	i.D.	CONTAINERS ROUNDWATER VASTEWATER OIL LUDGE	THER: CID/BASE: DE / COOL THER:	Chloride	TPH BTEX 8021			
_	HZ7-Surf		1 # X	× 1	+	-			
23 H	HZ7-1'		G 1 X	X 11/1/24	×	×			
23 H	HZ8-Surf		G 1 X	X 11/1/24	×	×			
H he	HZ8-1'		G 1	X 11/1/24	×				
PLEASE NOTE: Liability and Damages analyses, All claims including those to service. In no event shall Cardinal be li- affiliates or successors arising out of or	images. Cardinal's liability and ose for negligence and any oth all be liable for incidental or con if of or related to the performant	client's exclusive remedy to er cause whatsoever shall requental damages, inclu- nce of services hereunder i	PLEASE NOTE: Lability and Damages. Cadinat's lability 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 waked unless made in witing and received by Candinal within 30 days after competion of the applicable service. In no event shall Cardinal be liable for incidential or consequential damages, including without inflication, business interruptions, loss of use, or loss of profits mourted by client, its substitutes.  If the profits of the shall Cardinal be liable for incidential or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits mourted by client, its substitutes.	ntract or tort, shall be limited to the amount paid by the cli- ing and received by Candinal within 30 days after complets from, loss of use, or loss of profils incurred by client, its claim is based mon any of the above staled research or or	nt for the noticeble applicable sadianes.				
Relinguished By:		Parte: 24	Received By:	المالية		Yes [	Add'l Phone #: Add'l Fax #:		
Relinquished By:	Cadeller	Date:	Received By:	James	REMARKS: Email results to:	@ g	48 hr RUSH!  @hungry-horse.com  oans@jdmii.com		
Delivered By: (Circle One)		1.35/20-0-10		CHECKED BY:		Section 19	Con.		
Sampler - UPS - Bus - Other:	Bus - Other:	0.7: #HL	INO D NO D NO	188					

Page 29 of 29



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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated 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)

Celey D. Keene

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,

Celey D. Keene

Lab Director/Quality Manager



### 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

A ..... I ..... . J D. ... 711

Project Location: UL/ P SEC 2 T25S - R26E

### Sample ID: TOPSOIL PIT 1' (H247701-01)

BTEX 8021B	mg,	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.0	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### **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

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

101 East Marland, Hobbs, NM 88240

Sampler Name: Jerry Heidelberg  MATRIX PRESERV. SAMPLING  PRESERV. SAMPLING  AND ATRIX PRESERV. SAMPLIN	Company Name: Hungry Horroject Manager: Daniel Dom Address: 4024 Plains Hwy City: Lovington Phone #: 575 393-3386 Project Hame: Ogden State #4 Project Location: UL/ P Sec 2
Topsoil Pit  1'  Topsoil Pit  Topsoil Pit  1'  Topsoil Pit  1'  Topsoil Pit  Topsoil Pit  1'  Topsoil Pit  Topsoil Pit	ominguez  State: Fax #: Projec:  #4 ec 2 T25S - R26 eidelberg
w remedy for any classocy shall be deem nages, including with	Depth Depth Zi
aim arising whether based in contract or tort, what be limited to the amount paid met waked unless made in witting and received by Cardinal within 30 days after boat limitation, business interruptions, loss of use, or loss of profits incurred by or aid, regardless of whether such claim is based upon any of the above stated re-	# CONTAINERS  GROUNDWATER  WASTEWATER  X SOIL  # CONTAINERS  88  88  86  86  87  88  88  88  88  88
pand received by Carlo librar, loss of use, or loss cluse, or loss cluse clusters cluse cluse clusters	SLUDGE
fied to the amount paid by heal within 30 days after or of profits incurred by clies of the above stated reaso	Murchison Oil & Gas
y the client for the opplicable in, its subsidiaries, on or otherwise.	ii & Gas
	× Chloride × TPH
× × ×	
Add'l Phone #:	ANALYSIS REGOES
	A CONTRACTOR OF THE CONTRACTOR

Page 4 of 4

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



January 23, 2025

DANIEL DOMINGUEZ
Hungry Horse Environmental
P.O. Box 1058
Hobbs, NM 88240

RE: RINGER FEDERAL #6

Enclosed are the results of analyses for samples received by the laboratory on 01/21/25 16:13.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

# Sample ID: FL 1 6.5' (H250364-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.19	110	2.00	2.09	
Toluene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	6.39	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.24	112	2.00	7.23	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	6.61	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/22/2025	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	01/22/2025	ND	220	110	200	0.0555	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	192	95.8	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	72.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	60.8	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: UL/P SEC 3 T25S - R26E

ma/ka

### Sample ID: FL 2 6.5' (H250364-02)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.19	110	2.00	2.09	
Toluene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	6.39	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.24	112	2.00	7.23	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	6.61	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/22/2025	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	01/22/2025	ND	220	110	200	0.0555	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	192	95.8	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	74.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	63.4	% 49.1-14	8						

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 3 6.5' (H250364-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.19	110	2.00	2.09	
Toluene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	6.39	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.24	112	2.00	7.23	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	6.61	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 9	% 71.5-13	4						
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	01/22/2025	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	220	110	200	0.0555	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	192	95.8	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	82.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.8	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 4 6.5' (H250364-04)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.19	110	2.00	2.09	
Toluene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	6.39	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.24	112	2.00	7.23	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	6.61	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123 9	% 71.5-13	4						
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	01/22/2025	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	220	110	200	0.0555	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	192	95.8	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	78.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.0	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 5 6.5' (H250364-05)

EX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.19	110	2.00	2.09	
Toluene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	6.39	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.24	112	2.00	7.23	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	6.61	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/22/2025	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	01/22/2025	ND	220	110	200	0.0555	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	192	95.8	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.9	% 49.1-14	8						

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 6 6.5' (H250364-06)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.19	110	2.00	2.09	
Toluene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	6.39	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.24	112	2.00	7.23	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	6.61	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	129	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/22/2025	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	220	110	200	0.0555	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	192	95.8	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	87.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.3	% 49.1-14	8						

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 7 6.5' (H250364-07)

EX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.19	110	2.00	2.09	
Toluene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	6.39	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.24	112	2.00	7.23	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	6.61	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/22/2025	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	01/22/2025	ND	220	110	200	0.0555	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	192	95.8	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	87.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.1	% 49.1-14	8						

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 8 6.5' (H250364-08)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.19	110	2.00	2.09	
Toluene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	6.39	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.24	112	2.00	7.23	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	6.61	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	34						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/22/2025	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	01/22/2025	ND	220	110	200	0.0555	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	192	95.8	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	86.0	% 48.2-13	34						
Surrogate: 1-Chlorooctadecane	73.9	% 49.1-14	18						

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey & Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Project Number: Sample Received By: Alyssa Parras MURCHISON

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 9 6.5' (H250364-09)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.19	110	2.00	2.09	
Toluene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	6.39	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.24	112	2.00	7.23	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	6.61	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
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	01/22/2025	ND	400	100	400	7.69	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	220	110	200	0.0555	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	192	95.8	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	90.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.2	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celecy D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 10 6.5' (H250364-10)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.19	110	2.00	2.09	
Toluene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	6.39	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.24	112	2.00	7.23	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	6.61	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/22/2025	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	01/22/2025	ND	220	110	200	0.0555	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	192	95.8	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	81.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.1	% 49.1-14	18						

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: UL/P SEC 3 T25S - R26E

# Sample ID: FL 11 6.5' (H250364-11)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.19	110	2.00	2.09	
Toluene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	6.39	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.24	112	2.00	7.23	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	6.61	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/22/2025	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	01/22/2025	ND	220	110	200	0.0555	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	192	95.8	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	69.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	58.7	% 49.1-14	8						

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: UL/P SEC 3 T25S - R26E

ma/ka

### Sample ID: FL 12 6.5' (H250364-12)

RTFY 8021R

B1EX 8021B	mg/	<sup>и</sup> кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.19	110	2.00	2.09	
Toluene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	6.39	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.24	112	2.00	7.23	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	6.61	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/22/2025	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	220	110	200	0.0555	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	192	95.8	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	76.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.6	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Project Number: Sample Received By: Alyssa Parras MURCHISON

Project Location: UL/P SEC 3 T25S - R26E

# Sample ID: FL 13 6.5' (H250364-13)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.19	110	2.00	2.09	
Toluene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	6.39	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.24	112	2.00	7.23	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	6.61	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/22/2025	ND	400	100	400	7.69	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	220	110	200	0.0555	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	192	95.8	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	77.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.8	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 14 6.5' (H250364-14)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.19	110	2.00	2.09	
Toluene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	6.39	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.24	112	2.00	7.23	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	6.61	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/22/2025	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	220	110	200	0.0555	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	192	95.8	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	82.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.0	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 15 6.5' (H250364-15)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.19	110	2.00	2.09	
Toluene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	6.39	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.24	112	2.00	7.23	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	6.61	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	130	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/22/2025	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	220	110	200	0.0555	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	192	95.8	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	85.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.2	% 49.1-14	8						

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 16 6.5' (H250364-16)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.19	110	2.00	2.09	
Toluene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	6.39	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.24	112	2.00	7.23	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	6.61	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	220	110	200	0.0555	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	192	95.8	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	85.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.1	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

# Sample ID: FL 17 6.5' (H250364-17)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.19	110	2.00	2.09	
Toluene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	6.39	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.24	112	2.00	7.23	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	6.61	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	220	110	200	0.0555	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	192	95.8	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	82.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.8	% 49.1-14	8						

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

# Sample ID: FL 18 6.5' (H250364-18)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.19	110	2.00	2.09	
Toluene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	6.39	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.24	112	2.00	7.23	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	6.61	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	220	110	200	0.0555	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	192	95.8	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	82.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.4	% 49.1-14	18						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 19 6.5' (H250364-19)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.19	110	2.00	2.09	
Toluene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	6.39	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.24	112	2.00	7.23	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	6.61	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	220	110	200	0.0555	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	192	95.8	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	88.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.4	% 49.1-14	8						

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 20 6.5' (H250364-20)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.19	110	2.00	2.09	
Toluene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	6.39	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.24	112	2.00	7.23	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	6.61	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/22/2025	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	220	110	200	0.0555	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	192	95.8	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	89.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.1	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 21 6.5' (H250364-21)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.13	106	2.00	0.803	
Toluene*	<0.050	0.050	01/22/2025	ND	2.18	109	2.00	1.21	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.38	119	2.00	0.0907	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	7.29	121	6.00	0.865	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	400	100	400	7.69	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	203	102	200	0.0763	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	197	98.7	200	0.188	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	62.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	60.5	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Sample Received By: Project Number: MURCHISON Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 22 6.5' (H250364-22)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.13	106	2.00	0.803	
Toluene*	<0.050	0.050	01/22/2025	ND	2.18	109	2.00	1.21	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.38	119	2.00	0.0907	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	7.29	121	6.00	0.865	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/22/2025	ND	400	100	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	203	102	200	0.0763	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	197	98.7	200	0.188	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	77.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.3	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 23 6.5' (H250364-23)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.13	106	2.00	0.803	
Toluene*	<0.050	0.050	01/22/2025	ND	2.18	109	2.00	1.21	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.38	119	2.00	0.0907	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	7.29	121	6.00	0.865	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/22/2025	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	203	102	200	0.0763	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	197	98.7	200	0.188	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	71.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.6	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 24 6.5' (H250364-24)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.13	106	2.00	0.803	
Toluene*	<0.050	0.050	01/22/2025	ND	2.18	109	2.00	1.21	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.38	119	2.00	0.0907	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	7.29	121	6.00	0.865	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	203	102	200	0.0763	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	197	98.7	200	0.188	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	83.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.8	% 49.1-14	8						

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

# Sample ID: FL 25 6.5' (H250364-25)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.13	106	2.00	0.803	
Toluene*	<0.050	0.050	01/22/2025	ND	2.18	109	2.00	1.21	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.38	119	2.00	0.0907	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	7.29	121	6.00	0.865	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	400	100	400	7.69	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	203	102	200	0.0763	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	197	98.7	200	0.188	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	84.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.8	% 49.1-14	8						

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client; subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 26 6.5' (H250364-26)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.13	106	2.00	0.803	
Toluene*	<0.050	0.050	01/22/2025	ND	2.18	109	2.00	1.21	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.38	119	2.00	0.0907	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	7.29	121	6.00	0.865	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/22/2025	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	203	102	200	0.0763	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	197	98.7	200	0.188	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	77.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.1	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

# Sample ID: FL 27 6.5' (H250364-27)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.13	106	2.00	0.803	
Toluene*	<0.050	0.050	01/22/2025	ND	2.18	109	2.00	1.21	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.38	119	2.00	0.0907	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	7.29	121	6.00	0.865	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	400	100	400	7.69	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	203	102	200	0.0763	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	197	98.7	200	0.188	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	84.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.3	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Sample Received By: Project Number: MURCHISON Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 28 6.5' (H250364-28)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.13	106	2.00	0.803	
Toluene*	<0.050	0.050	01/22/2025	ND	2.18	109	2.00	1.21	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.38	119	2.00	0.0907	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	7.29	121	6.00	0.865	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/22/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	203	102	200	0.0763	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	197	98.7	200	0.188	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	87.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.1	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: UL/P SEC 3 T25S - R26E

ma/ka

### Sample ID: FL 29 3' (H250364-29)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.13	106	2.00	0.803	
Toluene*	<0.050	0.050	01/22/2025	ND	2.18	109	2.00	1.21	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.38	119	2.00	0.0907	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	7.29	121	6.00	0.865	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/22/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	203	102	200	0.0763	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	197	98.7	200	0.188	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	84.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.3	% 49.1-14	8						

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



# Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: UL/P SEC 3 T25S - R26E

ma/ka

### Sample ID: FL 30 3' (H250364-30)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.13	106	2.00	0.803	
Toluene*	<0.050	0.050	01/22/2025	ND	2.18	109	2.00	1.21	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.38	119	2.00	0.0907	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	7.29	121	6.00	0.865	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/22/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	203	102	200	0.0763	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	197	98.7	200	0.188	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	86.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.0	% 49.1-14	8						

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: UL/P SEC 3 T25S - R26E

ma/ka

### Sample ID: FL 31 3' (H250364-31)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.13	106	2.00	0.803	
Toluene*	<0.050	0.050	01/22/2025	ND	2.18	109	2.00	1.21	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.38	119	2.00	0.0907	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	7.29	121	6.00	0.865	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/22/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	203	102	200	0.0763	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	197	98.7	200	0.188	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	74.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.9	% 49.1-14	8						

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Sample Received By: Project Number: MURCHISON Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 32 3' (H250364-32)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.13	106	2.00	0.803	
Toluene*	<0.050	0.050	01/22/2025	ND	2.18	109	2.00	1.21	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.38	119	2.00	0.0907	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	7.29	121	6.00	0.865	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/22/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	203	102	200	0.0763	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	197	98.7	200	0.188	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	76.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.9	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



# Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: UL/P SEC 3 T25S - R26E

ma/ka

### Sample ID: FL 33 3' (H250364-33)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.13	106	2.00	0.803	
Toluene*	<0.050	0.050	01/22/2025	ND	2.18	109	2.00	1.21	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.38	119	2.00	0.0907	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	7.29	121	6.00	0.865	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/22/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	203	102	200	0.0763	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	197	98.7	200	0.188	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	75.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.5	% 49.1-14	8						

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: UL/P SEC 3 T25S - R26E

ma/ka

### Sample ID: FL 34 3' (H250364-34)

RTFY 8021R

BIEX 8021B	mg/kg Analyzed By: JH								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.13	106	2.00	0.803	
Toluene*	<0.050	0.050	01/22/2025	ND	2.18	109	2.00	1.21	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.38	119	2.00	0.0907	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	7.29	121	6.00	0.865	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/22/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	203	102	200	0.0763	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	197	98.7	200	0.188	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	79.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.0	% 49.1-14	8						

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey & Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 35 3' (H250364-35)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.13	106	2.00	0.803	
Toluene*	<0.050	0.050	01/22/2025	ND	2.18	109	2.00	1.21	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.38	119	2.00	0.0907	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	7.29	121	6.00	0.865	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	203	102	200	0.0763	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	197	98.7	200	0.188	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	77.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.2	% 49.1-14	8						

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kune



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 36 3' (H250364-36)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.13	106	2.00	0.803	
Toluene*	<0.050	0.050	01/22/2025	ND	2.18	109	2.00	1.21	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.38	119	2.00	0.0907	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	7.29	121	6.00	0.865	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	203	102	200	0.0763	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	197	98.7	200	0.188	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	85.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.1	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 37 3' (H250364-37)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.13	106	2.00	0.803	
Toluene*	<0.050	0.050	01/22/2025	ND	2.18	109	2.00	1.21	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.38	119	2.00	0.0907	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	7.29	121	6.00	0.865	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	203	102	200	0.0763	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	197	98.7	200	0.188	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	84.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.8	% 49.1-14	8						

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: UL/P SEC 3 T25S - R26E

ma/ka

### Sample ID: FL 38 3' (H250364-38)

RTFY 8021R

t Analyzed 01/22/2025	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	ND	2.12				
		2.13	106	2.00	0.803	
01/22/2025	ND	2.18	109	2.00	1.21	
01/22/2025	ND	2.38	119	2.00	0.0907	
01/22/2025	ND	7.29	121	6.00	0.865	
01/22/2025	ND					
-134						
Analyze	d By: HM					
t Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
01/22/2025	ND	416	104	400	3.77	
Analyze	d By: MS					
t Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
01/22/2025	ND	203	102	200	0.0763	
01/22/2025	ND	197	98.7	200	0.188	
01/22/2025	ND					
-134						
	01/22/2025  Analyze  t Analyzed  01/22/2025  01/22/2025  01/22/2025	01/22/2025 ND  Analyzed By: MS  t Analyzed Method Blank  01/22/2025 ND  01/22/2025 ND  01/22/2025 ND	01/22/2025 ND 416  Analyzed By: MS  t Analyzed Method Blank BS  01/22/2025 ND 203  01/22/2025 ND 197  01/22/2025 ND	01/22/2025 ND 416 104  Analyzed By: MS  t Analyzed Method Blank BS % Recovery  01/22/2025 ND 203 102  01/22/2025 ND 197 98.7  01/22/2025 ND	01/22/2025 ND 416 104 400  Analyzed By: MS  t Analyzed Method Blank BS % Recovery True Value QC  01/22/2025 ND 203 102 200  01/22/2025 ND 197 98.7 200  01/22/2025 ND	01/22/2025 ND 416 104 400 3.77  Analyzed By: MS  t Analyzed Method Blank BS % Recovery True Value QC RPD  01/22/2025 ND 203 102 200 0.0763  01/22/2025 ND 197 98.7 200 0.188  01/22/2025 ND

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Freene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Sample Received By: Project Number: MURCHISON Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 39 3' (H250364-39)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.13	106	2.00	0.803	
Toluene*	<0.050	0.050	01/22/2025	ND	2.18	109	2.00	1.21	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.38	119	2.00	0.0907	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	7.29	121	6.00	0.865	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	203	102	200	0.0763	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	197	98.7	200	0.188	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	77.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.2	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: UL/P SEC 3 T25S - R26E

ma/ka

### Sample ID: FL 40 3' (H250364-40)

RTFY 8021R

B1EX 8021B	mg/	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.13	106	2.00	0.803	
Toluene*	<0.050	0.050	01/22/2025	ND	2.18	109	2.00	1.21	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.38	119	2.00	0.0907	
Total Xylenes*	< 0.150	0.150	01/22/2025	ND	7.29	121	6.00	0.865	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (P	ID 121 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	203	102	200	0.0763	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	197	98.7	200	0.188	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	86.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.6	% 49.1-14	8						
· ·									

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: UL/P SEC 3 T25S - R26E

ma/ka

### Sample ID: FL 41 3' (H250364-41)

RTFY 8021R

B1EX 8021B	mg/	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.88	94.2	2.00	2.84	
Toluene*	<0.050	0.050	01/22/2025	ND	1.99	99.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	1.92	95.9	2.00	3.57	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.62	93.6	6.00	3.86	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	210	105	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	203	102	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	68.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.8	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

## Sample ID: FL 42 6" (H250364-42)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.88	94.2	2.00	2.84	
Toluene*	<0.050	0.050	01/22/2025	ND	1.99	99.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	1.92	95.9	2.00	3.57	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.62	93.6	6.00	3.86	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	210	105	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	203	102	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	72.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.8	% 49.1-14	8						

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Freene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

## Sample ID: FL 43 6" (H250364-43)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.88	94.2	2.00	2.84	
Toluene*	<0.050	0.050	01/22/2025	ND	1.99	99.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	1.92	95.9	2.00	3.57	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.62	93.6	6.00	3.86	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 71.5-13	4						
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	01/22/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	210	105	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	203	102	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	70.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.0	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Sample Received By: Project Number: MURCHISON Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

## Sample ID: FL 44 6" (H250364-44)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.88	94.2	2.00	2.84	
Toluene*	<0.050	0.050	01/22/2025	ND	1.99	99.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	1.92	95.9	2.00	3.57	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.62	93.6	6.00	3.86	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	210	105	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	203	102	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	76.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.5	% 49.1-14	18						

#### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 45 6" (H250364-45)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.88	94.2	2.00	2.84	
Toluene*	<0.050	0.050	01/22/2025	ND	1.99	99.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	1.92	95.9	2.00	3.57	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.62	93.6	6.00	3.86	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	210	105	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	203	102	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	80.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.0	% 49.1-14	18						

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Sample Received By: Project Number: MURCHISON Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 46 6" (H250364-46)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.88	94.2	2.00	2.84	
Toluene*	<0.050	0.050	01/22/2025	ND	1.99	99.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	1.92	95.9	2.00	3.57	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.62	93.6	6.00	3.86	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.8	% 71.5-13	4						
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	01/22/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	210	105	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	203	102	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	76.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.1	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

## Sample ID: FL 47 6" (H250364-47)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.88	94.2	2.00	2.84	
Toluene*	<0.050	0.050	01/22/2025	ND	1.99	99.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	1.92	95.9	2.00	3.57	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.62	93.6	6.00	3.86	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	210	105	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	203	102	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	82.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.1	% 49.1-14	8						

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Sample Received By: Project Number: MURCHISON Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 48 6" (H250364-48)

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	01/22/2025	ND	1.88	94.2	2.00	2.84	
Toluene*	<0.050	0.050	01/22/2025	ND	1.99	99.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	1.92	95.9	2.00	3.57	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.62	93.6	6.00	3.86	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	210	105	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	203	102	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	82.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.2	% 49.1-14	R						

#### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 49 6" (H250364-49)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.88	94.2	2.00	2.84	
Toluene*	<0.050	0.050	01/22/2025	ND	1.99	99.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	1.92	95.9	2.00	3.57	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.62	93.6	6.00	3.86	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	210	105	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	203	102	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	89.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.5	% 49.1-14	8						

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 50 6" (H250364-50)

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	01/22/2025	ND	1.88	94.2	2.00	2.84	
Toluene*	<0.050	0.050	01/22/2025	ND	1.99	99.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	1.92	95.9	2.00	3.57	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.62	93.6	6.00	3.86	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	210	105	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	203	102	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	90.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.2	% 49.1-14	8						

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Sample Received By: Project Number: MURCHISON Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 51 6" (H250364-51)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.88	94.2	2.00	2.84	
Toluene*	<0.050	0.050	01/22/2025	ND	1.99	99.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	1.92	95.9	2.00	3.57	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.62	93.6	6.00	3.86	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.8	% 71.5-13	4						
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	01/22/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	210	105	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	203	102	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	81.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.0	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Sample Received By: Project Number: MURCHISON Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 52 6" (H250364-52)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.88	94.2	2.00	2.84	
Toluene*	<0.050	0.050	01/22/2025	ND	1.99	99.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	1.92	95.9	2.00	3.57	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.62	93.6	6.00	3.86	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.3	% 71.5-13	4						
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	01/22/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	210	105	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	203	102	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	75.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.1	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 53 6" (H250364-53)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.88	94.2	2.00	2.84	
Toluene*	<0.050	0.050	01/22/2025	ND	1.99	99.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	1.92	95.9	2.00	3.57	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.62	93.6	6.00	3.86	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.4	% 71.5-13	4						
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	01/22/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	210	105	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	203	102	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	76.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.3	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Sample Received By: Project Number: MURCHISON Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 54 6" (H250364-54)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.88	94.2	2.00	2.84	
Toluene*	< 0.050	0.050	01/22/2025	ND	1.99	99.5	2.00	3.55	
Ethylbenzene*	< 0.050	0.050	01/22/2025	ND	1.92	95.9	2.00	3.57	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.62	93.6	6.00	3.86	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.0	% 71.5-13	4						
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	01/22/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	210	105	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	203	102	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	78.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.0	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

## Sample ID: FL 55 6" (H250364-55)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.88	94.2	2.00	2.84	
Toluene*	<0.050	0.050	01/22/2025	ND	1.99	99.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	1.92	95.9	2.00	3.57	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.62	93.6	6.00	3.86	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	210	105	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	203	102	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	81.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.8	% 49.1-14	18						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: UL/P SEC 3 T25S - R26E

ma/ka

### Sample ID: FL 56 1' (H250364-56)

RTFY 8021R

B1EX 8021B	mg/	кg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.88	94.2	2.00	2.84	
Toluene*	<0.050	0.050	01/22/2025	ND	1.99	99.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	1.92	95.9	2.00	3.57	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.62	93.6	6.00	3.86	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	210	105	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	203	102	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	89.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.0	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: UL/P SEC 3 T25S - R26E

ma/ka

## Sample ID: FL 57 1' (H250364-57)

RTFY 8021R

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.88	94.2	2.00	2.84	
Toluene*	<0.050	0.050	01/22/2025	ND	1.99	99.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	1.92	95.9	2.00	3.57	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.62	93.6	6.00	3.86	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	210	105	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	203	102	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	73.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.0	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: UL/P SEC 3 T25S - R26E

ma/ka

### Sample ID: FL 58 1' (H250364-58)

RTFY 8021R

Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	01/22/2025	ND	1.88	94.2	2.00	2.84	
<0.050	0.050	01/22/2025	ND	1.99	99.5	2.00	3.55	
<0.050	0.050	01/22/2025	ND	1.92	95.9	2.00	3.57	
<0.150	0.150	01/22/2025	ND	5.62	93.6	6.00	3.86	
<0.300	0.300	01/22/2025	ND					
95.0	% 71.5-13	4						
mg/	'kg	Analyzed By: KV						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<16.0	16.0	01/22/2025	ND	400	100	400	3.92	
mg/	kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	01/22/2025	ND	210	105	200	1.45	
<10.0	10.0	01/22/2025	ND	203	102	200	0.114	
<10.0	10.0	01/22/2025	ND					
87.4	% 48.2-13	4						
82.3	% 49.1-14	8						
	<0.050 <0.050 <0.050 <0.150 <0.300  95.09  mg/  Result <16.0  mg/  Result <10.0 <10.0 <87.49	<0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 95.0 % 71.5-13 mg/kg Result Reporting Limit <16.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: UL/P SEC 3 T25S - R26E

ma/ka

### Sample ID: FL 59 1' (H250364-59)

RTFY 8021R

Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	01/22/2025	ND	1.88	94.2	2.00	2.84	
<0.050	0.050	01/22/2025	ND	1.99	99.5	2.00	3.55	
<0.050	0.050	01/22/2025	ND	1.92	95.9	2.00	3.57	
<0.150	0.150	01/22/2025	ND	5.62	93.6	6.00	3.86	
<0.300	0.300	01/22/2025	ND					
94.2	% 71.5-13	4						
mg,	/kg	Analyzed By: KV						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<16.0	16.0	01/22/2025	ND	400	100	400	3.92	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	01/22/2025	ND	210	105	200	1.45	
<10.0	10.0	01/22/2025	ND	203	102	200	0.114	
<10.0	10.0	01/22/2025	ND					
83.7	% 48.2-13	4						
79.6	% 49.1-14	8						
-	<0.050 <0.050 <0.050 <0.150 <0.300  94.2  mg,  Result <16.0  mg,  Result <10.0 <10.0 <83.7	<0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 94.2 % 71.5-13 mg/kg Result Reporting Limit <16.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <40.0 10.0 <40.0 10.0 <40.0 48.2-13	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kreene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Sample Received By: Project Number: MURCHISON Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 60 1' (H250364-60)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.88	94.2	2.00	2.84	
Toluene*	<0.050	0.050	01/22/2025	ND	1.99	99.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	1.92	95.9	2.00	3.57	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.62	93.6	6.00	3.86	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.0	% 71.5-13	4						
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	01/22/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	210	105	200	1.45	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	203	102	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	83.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.8	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: UL/P SEC 3 T25S - R26E

ma/ka

### Sample ID: FL 61 1' (H250364-61)

RTFY 8021R

B1EX 8021B	mg/	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.10	105	2.00	3.22	
Toluene*	<0.050	0.050	01/22/2025	ND	2.17	109	2.00	0.891	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.72	112	6.00	0.681	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
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	01/22/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	190	95.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	190	95.1	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	67.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	64.7	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Sample Received By: Project Number: MURCHISON Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

## Sample ID: FL 62 1' (H250364-62)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.10	105	2.00	3.22	
Toluene*	<0.050	0.050	01/22/2025	ND	2.17	109	2.00	0.891	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.72	112	6.00	0.681	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
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	01/22/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	190	95.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	190	95.1	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	65.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	62.6	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Sample Received By: Project Number: MURCHISON Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 63 1' (H250364-63)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.10	105	2.00	3.22	
Toluene*	<0.050	0.050	01/22/2025	ND	2.17	109	2.00	0.891	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.72	112	6.00	0.681	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
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	01/22/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	190	95.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	190	95.1	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	74.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.8	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: UL/P SEC 3 T25S - R26E

ma/ka

### Sample ID: FL 64 1' (H250364-64)

RTFY 8021R

Result	Donouting Limit							
	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	01/22/2025	ND	2.10	105	2.00	3.22	
<0.050	0.050	01/22/2025	ND	2.17	109	2.00	0.891	
<0.050	0.050	01/22/2025	ND	2.20	110	2.00	0.351	
<0.150	0.150	01/22/2025	ND	6.72	112	6.00	0.681	
<0.300	0.300	01/22/2025	ND					
111 9	% 71.5-13	4						
mg/	/kg	Analyzed By: KV						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<16.0	16.0	01/22/2025	ND	400	100	400	3.92	
mg/	/kg	Analyze	d By: ms					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	01/22/2025	ND	190	95.0	200	2.06	
<10.0	10.0	01/22/2025	ND	190	95.1	200	2.48	
<10.0	10.0	01/22/2025	ND					
74.3	% 48.2-13	4						
72.1	% 49.1-14	8						
	<0.050 <0.050 <0.050 <0.150 <0.300  111 9  mg/ Result <16.0  mg/  Result <10.0 <10.0 <10.0	<0.050 0.050 <0.050 0.050 <0.150 0.150 <0.300 0.300   ### ### ### ### ### #### ##########	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 65 6" (H250364-65)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.10	105	2.00	3.22	
Toluene*	<0.050	0.050	01/22/2025	ND	2.17	109	2.00	0.891	
Ethylbenzene*	< 0.050	0.050	01/22/2025	ND	2.20	110	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.72	112	6.00	0.681	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
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	01/22/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	190	95.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	190	95.1	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	81.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.2	% 49.1-14	8						

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 66 6" (H250364-66)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.10	105	2.00	3.22	
Toluene*	<0.050	0.050	01/22/2025	ND	2.17	109	2.00	0.891	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.72	112	6.00	0.681	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
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	01/22/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	190	95.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	190	95.1	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	77.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.8	% 49.1-14	18						

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 67 6" (H250364-67)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.10	105	2.00	3.22	
Toluene*	<0.050	0.050	01/22/2025	ND	2.17	109	2.00	0.891	
Ethylbenzene*	< 0.050	0.050	01/22/2025	ND	2.20	110	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.72	112	6.00	0.681	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
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	01/22/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	190	95.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	190	95.1	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	74.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.2	% 49.1-14	8						

# Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

## Sample ID: FL 68 6" (H250364-68)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.10	105	2.00	3.22	
Toluene*	<0.050	0.050	01/22/2025	ND	2.17	109	2.00	0.891	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.72	112	6.00	0.681	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
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	01/22/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	190	95.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	190	95.1	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	76.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.6	% 49.1-14	18						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kreene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Sample Received By: Project Number: MURCHISON Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

## Sample ID: FL 69 6" (H250364-69)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.10	105	2.00	3.22	
Toluene*	<0.050	0.050	01/22/2025	ND	2.17	109	2.00	0.891	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.72	112	6.00	0.681	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
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	01/22/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	190	95.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	190	95.1	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	68.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.0	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Sample Received By: Project Number: MURCHISON Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 70 6" (H250364-70)

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	01/22/2025	ND	2.10	105	2.00	3.22	
Toluene*	<0.050	0.050	01/22/2025	ND	2.17	109	2.00	0.891	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.72	112	6.00	0.681	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
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	01/22/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	190	95.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	190	95.1	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	80.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.6	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Sample Received By: Project Number: MURCHISON Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 71 5' (H250364-71)

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	01/22/2025	ND	2.10	105	2.00	3.22	
Toluene*	<0.050	0.050	01/22/2025	ND	2.17	109	2.00	0.891	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.72	112	6.00	0.681	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	190	95.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	190	95.1	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	63.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	61.4	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 72 5' (H250364-72)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.10	105	2.00	3.22	
Toluene*	<0.050	0.050	01/22/2025	ND	2.17	109	2.00	0.891	
Ethylbenzene*	< 0.050	0.050	01/22/2025	ND	2.20	110	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.72	112	6.00	0.681	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	190	95.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	190	95.1	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	73.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.5	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: FL 73 5' (H250364-73)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.10	105	2.00	3.22	
Toluene*	<0.050	0.050	01/22/2025	ND	2.17	109	2.00	0.891	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.72	112	6.00	0.681	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	190	95.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	190	95.1	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	75.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.9	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SW 1 0-6.5' (H250364-74)

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	01/22/2025	ND	2.10	105	2.00	3.22	
Toluene*	<0.050	0.050	01/22/2025	ND	2.17	109	2.00	0.891	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.72	112	6.00	0.681	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	190	95.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	190	95.1	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	79.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.6	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SW 2 0-6.5' (H250364-75)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.10	105	2.00	3.22	
Toluene*	<0.050	0.050	01/22/2025	ND	2.17	109	2.00	0.891	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.72	112	6.00	0.681	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	190	95.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	190	95.1	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	78.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.2	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SW 3 0-6.5' (H250364-76)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.10	105	2.00	3.22	
Toluene*	<0.050	0.050	01/22/2025	ND	2.17	109	2.00	0.891	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.72	112	6.00	0.681	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	190	95.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	190	95.1	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	72.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.6	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SW 4 0-6.5' (H250364-77)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.10	105	2.00	3.22	
Toluene*	<0.050	0.050	01/22/2025	ND	2.17	109	2.00	0.891	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.72	112	6.00	0.681	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	190	95.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	190	95.1	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	68.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	64.7	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey & Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SW 5 0-6.5' (H250364-78)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.10	105	2.00	3.22	
Toluene*	<0.050	0.050	01/22/2025	ND	2.17	109	2.00	0.891	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.72	112	6.00	0.681	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	190	95.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	190	95.1	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	74.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.3	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SW 6 0-6.5' (H250364-79)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.10	105	2.00	3.22	
Toluene*	<0.050	0.050	01/22/2025	ND	2.17	109	2.00	0.891	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.72	112	6.00	0.681	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	190	95.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	190	95.1	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	72.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.4	% 49.1-14	18						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SW 7 0-6.5' (H250364-80)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.10	105	2.00	3.22	
Toluene*	<0.050	0.050	01/22/2025	ND	2.17	109	2.00	0.891	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.72	112	6.00	0.681	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	190	95.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	190	95.1	200	2.48	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	77.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey & Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SW 8 0-6.5' (H250364-81)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.91	95.4	2.00	2.17	
Toluene*	<0.050	0.050	01/22/2025	ND	1.93	96.4	2.00	2.82	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.03	101	2.00	3.18	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.99	99.9	6.00	3.42	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	212	106	200	0.548	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	210	105	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	75.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.7	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SW 9 0-6.5' (H250364-82)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.91	95.4	2.00	2.17	
Toluene*	<0.050	0.050	01/22/2025	ND	1.93	96.4	2.00	2.82	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.03	101	2.00	3.18	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.99	99.9	6.00	3.42	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	212	106	200	0.548	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	210	105	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	86.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.0	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras Project Number: MURCHISON

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SW 10 3-6.5' (H250364-83)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.91	95.4	2.00	2.17	
Toluene*	<0.050	0.050	01/22/2025	ND	1.93	96.4	2.00	2.82	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.03	101	2.00	3.18	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.99	99.9	6.00	3.42	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	212	106	200	0.548	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	210	105	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	74.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.7	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SW 11 3-6.5' (H250364-84)

RTFY 8021R

Result <0.050 <0.050 <0.050 <0.050 <0.150	Reporting Limit 0.050 0.050 0.050	Analyzed 01/22/2025 01/22/2025	Method Blank ND ND	BS 1.91 1.93	% Recovery 95.4	True Value QC 2.00	RPD 2.17	Qualifier
<0.050 <0.050 <0.150	0.050 0.050	01/22/2025				2.00	2.17	
<0.050 <0.150	0.050		ND	1.93	06.4			
<0.150		01/22/2025		55	96.4	2.00	2.82	
		01/22/2025	ND	2.03	101	2.00	3.18	
0.000	0.150	01/22/2025	ND	5.99	99.9	6.00	3.42	
<0.300	0.300	01/22/2025	ND					
104	% 71.5-13	4						
mg	/kg	Analyze	d By: HM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<16.0	16.0	01/22/2025	ND	448	112	400	0.00	
mg	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	01/22/2025	ND	212	106	200	0.548	
<10.0	10.0	01/22/2025	ND	210	105	200	0.858	
<10.0	10.0	01/22/2025	ND					
90.7	% 48.2-13	4						
_	Result <16.0 mg  Result <10.0 c <10.0	mg/kg  Result Reporting Limit <16.0 16.0 mg/kg  Result Reporting Limit <10.0 10.0 <10.0 10.0	mg/kg       Analyzed         Result       Reporting Limit       Analyzed         <16.0	mg/kg       Analyzed By: HM         Result       Reporting Limit       Analyzed       Method Blank         <16.0       16.0       01/22/2025       ND         mg/kg       Analyzed Blank         Result       Reporting Limit       Analyzed       Method Blank         <10.0       10.0       01/22/2025       ND         <10.0       10.0       01/22/2025       ND	mg/kg       Analyzed By: HM         Result       Reporting Limit       Analyzed       Method Blank       BS         <16.0       01/22/2025       ND       448         mg/kg       Analyzed By: MS         Result       Reporting Limit       Analyzed       Method Blank       BS         <10.0	May Jet	mg/kg       Analyzed by: HM         Result       Reporting Limit       Analyzed       Method Blank       BS       % Recovery       True Value QC         < 16.0       16.0       01/22/2025       ND       448       112       400         mg/kg       Analyzed By: MS         Result       Reporting Limit       Analyzed       Method Blank       BS       % Recovery       True Value QC         <10.0	mg/kg         Analyzed By: HM           Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           <16.0

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras Project Number: MURCHISON

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SW 12 3-6.5' (H250364-85)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.91	95.4	2.00	2.17	
Toluene*	<0.050	0.050	01/22/2025	ND	1.93	96.4	2.00	2.82	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.03	101	2.00	3.18	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.99	99.9	6.00	3.42	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	212	106	200	0.548	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	210	105	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	83.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.8	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SW 13 0-3' (H250364-86)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.91	95.4	2.00	2.17	
Toluene*	<0.050	0.050	01/22/2025	ND	1.93	96.4	2.00	2.82	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.03	101	2.00	3.18	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.99	99.9	6.00	3.42	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	212	106	200	0.548	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	210	105	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	83.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.6	% 49.1-14	18						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SW 14 0-3' (H250364-87)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.91	95.4	2.00	2.17	
Toluene*	<0.050	0.050	01/22/2025	ND	1.93	96.4	2.00	2.82	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.03	101	2.00	3.18	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.99	99.9	6.00	3.42	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	212	106	200	0.548	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	210	105	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	81.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.7	% 49.1-14	18						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SW 15 0-6" (H250364-88)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.91	95.4	2.00	2.17	
Toluene*	<0.050	0.050	01/22/2025	ND	1.93	96.4	2.00	2.82	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.03	101	2.00	3.18	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.99	99.9	6.00	3.42	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	212	106	200	0.548	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	210	105	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	87.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.2	% 49.1-14	18						

### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SW 16 0-6" (H250364-89)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.91	95.4	2.00	2.17	
Toluene*	<0.050	0.050	01/22/2025	ND	1.93	96.4	2.00	2.82	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.03	101	2.00	3.18	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.99	99.9	6.00	3.42	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	212	106	200	0.548	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	210	105	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	75.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.1	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SW 17 0-1' (H250364-90)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.91	95.4	2.00	2.17	
Toluene*	<0.050	0.050	01/22/2025	ND	1.93	96.4	2.00	2.82	
Ethylbenzene*	< 0.050	0.050	01/22/2025	ND	2.03	101	2.00	3.18	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.99	99.9	6.00	3.42	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	212	106	200	0.548	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	210	105	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	88.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.4	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey & Keine



### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

Time:

Received By:

Email results to:

pm@hungry-horse.com gboans@jdmii.com

Time:

Sampler - UPS - Bus - Other:

#140 Cour

Sample Condition
Cool Intact
Lyes Hyes
No No

CHECKED BY: (Initials)

Delivered By: (Circle One) 0.4

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

		48 hr RUSH!	48 hr		ŝ	REMARKS:				3	31.00	2	Q	2	1	ne:	Time:	Brandlast.	2	10426
		Add'l Fax #:	O NO	Yes		Phone Result:	_					Y.	Received By:	ceiv	Re	ate:	Date:	100	shed B	Relinquished By:
						subsidiaries, r otherwise.	we stated reasons of	s of profits in	use, or lo	loss of	ruptions, ich clain	ss interrether su	busine s of wh	itation, ardles	hout lin	ie for incidental or consequental darmages, including without limitation, business interruptions, loss of use, or toss of profits incurred by cliated to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated rea	consequental da nance of service	service. In no event shall Cardinal be liable for incidental or consequental 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.	went shall Ca cessors arisin	service. In no ev
					bie	client for the etion of the applica	amount paid by the 30 days after comple	dinal within	shall be and by Ca	t or tort, id receiv	contrac vriting an	ased in	hether t	sing wit	tairn an	sive remedy for any o	nd client's exclu other cause wha	PLEASE NOTE: Lability and Damages. Cardinat'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 apackees. 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.	: Liability and	PLEASE NOTE
			×	×	×	823	1/21/25	×	-		Ê	×		1	С	6.5'		FL10		5
			×	×	×	821	1/21/25	×				×		_	C	6.5		FL9		9
			×	×	×	819	1/21/25	×	-			×		_	С	6.5		FL8		0
			×	×	×	817	1/21/25	×				×		-	C	6.5		FL7		1
			×	×	×	815	1/21/25	×				×	-	-	C	6.5		FL6		6
			×	×	×	813	1/21/25	×		-		×	-	-	C	6.5		FL5		^
			×	×	×	811	1/21/25	×				×		1	C	6.5'		FL4		C
-			×	×	×	809	1/21/25	×	H	-		×	-	-	C	6.51		FL3		رو
			×	×	×	807	1/21/25	×	-			×	-	-	C	6.5'		FL2		2)
			×	+	×	805	1/21/25	×		-		×	$\vdash$	-	C	6.5'		FL1		_
			B1EX 8021		Chloride	TIME	DATE	OTHER:	OTHER : ACID/BASE;	SLUDGE	OIL	SOIL	GROUNDWATER WASTEWATER	# CONTAINERS	(G)RAB OR (C)OMP.	Depth	į.	Sample I.D.	.D.	Lab I.D.
				_	_	G	SAMPLING	PRESERV.	PR	-	MATRIX	MA		$\vdash$	8.7				EONLY	FOR LAB USE ONLY
			_	_	_				Fax #:	-							Ġ	Jerry Heidelberg	Name:	Sampler Name:
					_		Phone #: 575 706-0667	#: 575	hone	P						III	5S - R26	: UL/ P Sec 3 T25S - R26E	ocation	Project Location:
				-	_		Zip: 88230		State: NM	S								Ringer Federal #6		Project Name:
					_		ad	Carlsbad	City:	0	0	Murchison Oil & Gas	Oil	hisor	Murc	100	Project Owner:			Project #:
					_	ब	Address: 5325 Sierra Vista	s: 532	ddre	Þ							Fax #:	575 393-3386	575	Phone #:
					_		oans	Greg Boans	Attn:	Þ		Ö	88260		Zip:	MM	State:	ח	Lovington	City:
				_		& Gas	Murchison Oil & Gas		Company	0								4024 Plains Hwy	4024	Address:
_			H		_				P.O. #:	٦							Jez	: Daniel Dominguez	anager	Project Manager:
Pag	DEST	ANALYSIS REQUEST			-		BILL TO	BIL		-							TC	Hungry Horse LLC	Name:	Company Name:
g				ı	١			۱	I	ł	١	l	l	I	١		,	10.00		

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



	aboratories 101 East Marland, Hobbs, NM 88240	O/I	₽S NM 8824	5																														
Company Name:	(575) 393-2326 FAX (575) 393-2476 Hungry Horse LLC	C C	5) 393-247	0			- 1	- 1	-1			- 8	_	<u>س</u> ا	170					A	ANALYSIS	SS		REQUEST	의	页	4							BILL TO
Project Manager:		Z								P.O.	9	#								_					_		_			_				
Address: 402	문									S	Company	par	¥		Murchison Oi	l & Gas				_			_		_		_							Murchison Oil & Gas
9	on	State:	MN	Zip:		88260				A	Attn:		ire	В	oans				_	_			_		_		_							Greg Boans
#:	575 393-3386	Fax #:			ŀ					Ä	Address:	ess		32	5 Sierra Vi	sta							_		_		_							5325 Sierra Vista
"		Project Owner:		Murchison Oil & Gas	son (	S   €	Gas	"		C	City:		Carlsbad	sba	ad								_											oad
Project Name:	Ringer Federal #6			M						St	State: NM	7	Ž		Zip: 88230					_					_		_							Zip: 88230
Project Location:	n: UL/ P Sec 3 T25S - R26E	S - R26E								P	Phone #:	le #	.77	575	706-0667								_				_							575 706-0667
Sampler Name:	Jerry Heidelberg									Fa	Fax #:	**											_				_							
FOR LAB USE ONLY				_	П		MA	MATRIX	1^	1 1	P	띪	PRESERV.	?	SAMPLI	NG							_				_			_				SAMPLING
Lab I.D.	Sample I.D.	D.	Depth	(G)RAB OR (C)OMP. # CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:		ICE / COOL	OTHER:	DATE	TIME	Chloride	ТРН	BTEX 8021												4			DATE TIME
=	FL11		6.5'	0 1	_		×						×		1/21/25	825	×	×	×		_		+		-		+			-			1	825
e e	FL12		6.5	C 1	T		×						×		1/21/25	827	×	×	×		L		+		+		+			+			1	827
Z Z	FL13		6.5'	C 1			×						×		1/21/25	829	×	×	×		L		+		+	1	╀			+			1	829
J.	FL14		6.5	C 1	_		×						×		1/21/25	831	×	×	×		L		+		+		+			+		T	1	831
2	FL15		6.5	C 1	_		×					-	×		1/21/25	833	×	×	×		L		+		+		+			+			1	833
9	FL16		6.5'	C 1	-		×			$\vdash$	$\vdash$	-	×		1/21/25	835	×	×	×	_	-		+		+		+			+				835
7	FL17		6.5'	C 1	_		×				-	-	×		1/21/25	837	×	×	×		L		+		+		+			+			1	837
81	FL18		6.5'	C 1	_		×					-	×		1/21/25	839	×	×	×		_		+		+		+			+				839
51	FL19		ი ი ი	0 0	+		××				_	-	××		1/21/25	841	××	××	××	4			-		-		-			-				841
PLEASE NOTE: Liability ar analyses. All claims includi	nd Damages. Cardina's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the ing those for negligence and any other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal within acrinal be liable for inordental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits in	client's exclus ner cause wha	ive remedy for any o tsoever shall be dee mages, including wit	claim arisin med waive thout limital	g wheth d unless tion, bu	her bar ss mad siness	sed in de in w	contra riting a	and re	ceive of ur	hall b d by o	e lim Cardi loss	nal w	othe offits it	amount paid by th 30 days after comp nourred by client, it	e client for the pletion of the appli is subsidiaries,	cable																	amount paid by the client for the 30 days after completion of the applic nourred by client, its subsidiaries,
affiliates or successors arisin Relinquished B	y:	nce of services he	Date: Received B	Received By:	dless	d By	her such claim is be	ch cla	3.	ased	upor	any	of th	abo	we stated reasons	Phone Res	ult:	□ Yes	O No		Add'l Phone #:	one #:	*	11	14	ш	ш						1 1	
Bung	and Month	Time:	Time:	O OO	Ye		-	6	P							REMAR	(S:		48 hr	hr R	RUSH	=	,											REMARKS:
0	`	Time:	ne:																gboans@jdmii.com	@jdm	ii.com													
Delivered By Sampler - UPS	· (Circle One)	0000	\$ CO.0.5			Sample Condition Cool Intact Pyes Pyes No No	Sample Condition Cool Intact Pyes Pyes No No	3 E 3 C	Tot nd	tion	-		유	(Initia	(ED BY: tials)																			CHECKED BY: (Initials)
		00	11111		-	-	z	-																								1		

Sampler - UPS - Bus - Other: \_0.0

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

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



	gboans@jdmii.com				1						Time:	=		1	6
	ults to: pm@hungry-horse.com	Email results to:	Em					Received By:	ceiv	R	Date:	D	N. N.	Relinquished By:	型
	48 hr	REMARKS:	REN			8	2	Da	20		4.4	=	Saturality of the same of the	2 Cotton	14
	Yes No Add'l Phone #:	Phone Result: Fax Result:	Phone Fax Re					Received By:	ceiv	R		D	7	Relinguished By:	Reli
		. 3	, including without imation, business enterruptions, loss of use, or loss of profits incurred by client, its subsidiarie under by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise	of profits incurre of the above sta	use, or loss ed upon any	ins, loss of aim is bas	interruption er such cl	business of wheth	mitation,	without li ardinal, re	farmages, including es hereunder by C	onsequental o	analyses. All claims including trace for inegulative and any variance analyses, and claims including strate of least for incidental or consequential damages, including without firmation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, service, in no event shall Cardinal be liable for incidental or consequential damages, including without firmation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, artificial control of the	ses. All claims include. In no event shall C	service sefficate
		he applicable	amount paid by the client for the a story of the a	ted to the amou	t shall be lim	ract or ton	ed in cont	ether bas	rising wh	ny claim a deemed w	usive remedy for a	id client's excl	nd Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the on those for nonlineance and any other cause whatspeers shall be deemed waived unless made in writing and received by Cardinal within	PLEASE NOTE: Liability a	PLEAS
	^ × ×		1/21/25 905	X 1,			×		_	C	ယ္		FL30	Y	
	× ×		1/21/25 902	× 1,			×		_	C	ω		FL29	8	
	×	×	1/21/25 859	× 1/			×	-	-1	C	6.5		FL28	S S	
	×	×	1/21/25 857	× 1/			×		_	С	6.5		FL27	25	
	×	×	1/21/25 855	× 1/			×	-	-	C	6.5		FL26	26	
	×	×	1/21/25 853	× 1/			×		-1	С	6.5		FL25	26	
	×	×	1/21/25 851	× 1/			×		-	C	6.5		FL24	76	
	× ×	×	1/21/25 849	× 1/			×	-	-	C	6.5		FL23	22	
	×	×	1/21/25 847	× 1/			×		1	C	6.5		FL22	S	
		×	1/21/25 845	× 1/			×		1	0	6.5		FL21	21	
	TPH BTEX 8021	Chloride	DATE TIME	OTHER:	OTHER : ACID/BASE:	SLUDGE	SOIL OIL	GROUNDWATER WASTEWATER	# CONTAINERS	(G)RAB OR (C)OMP.	Depth	Þ.	Sample I.D.	Lab I.D.	57
			SAMPLING	PRESERV.	PRE	×	MATRIX							FOR LAB USE ONLY	FOR
					Fax #:	_						g	Jerry Heidelberg	Sampler Name:	Sam
		_	6-0667	575 706-0667	Phone #:	_					Ä	5S - R26E	n: UL/ P Sec 3 T25S	Project Location:	Proje
		_	<b>Zip</b> : 88230		State: NM	-							Ringer Federal #6	Project Name:	Proje
		_		Carlsbad	City: C	_	Gas	Murchison Oil & Gas	chisor	Mun	Project Owner:	Project		Project #:	Proje
			ierra Vista	Address: 5325 Sierra	Address							Fax #:	575 393-3386	Phone #: 575	Phor
		_	IS	Greg Boans	Attn: G			88260		Zip:	MN	State:	on	: Lovington	City:
			Murchison Oil & Gas		Company								4024 Plains Hwy	Address: 402	Addr
_					P.O. #:	_						iez	r: Daniel Dominguez	Project Manager:	Proje
Pag	ANALYSIS REQUEST		70	BILL TO								C	: Hungry Horse LLC	Company Name:	Com
ne 95										240 476	s, NM 88 75) 393-2	FAX (5	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		
of 10											ies	20	aboratories		1

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

goons@anii.com	Spoal Se				CHECKED BY: (Initials)	CHECK (Init		Sample Condition Cool Intact Yes Yes No No	mple C	C S		#140	0.4.0	(Circle One) Bus - Other:	Delivered By: Sampler - UPS -	De
pm@hungry-horse.com	pm@hung	Its to:	Email results to:	Ema					*	Received By	ecen		Time:		Reinquished By:	V.
-			REMARKS:	REM				5	2	2	2	n	Time:	Consollor	Borne !	in
Add'l Fax #:	Yes □ No		sult:	Fax Result:					*	Received by:	ecelv	-35	- Date:		Kelinguished By:	Kell
	1			ont, its subsidiaries	incurred by clier ove stated reason	ny of the ab	if use, or lo sed upon a	ions, loss o claim is bas	s interrupt ther such o	, busines ss of whe	limitation	ntal or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits inci- performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above	sequental dama	service. In no event shall Cardinal be liable for incidental or consequental 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.	ervice. In no event shall Ca ffiliates or successors arisin	service. affiliates
			e applicable	y the client for the ompletion of the	amount paid b	limited to the	t, shall be aived by Ca	ntract or tor	ased in cor de in writin	hether bo	arising w	remedy for any clain ever shall be deemed	ient's exclusive	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, 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	SE NOTE: Liability and es. All claims includin	PLEAS
	×	7	×	925	1/21/25	×			×		1			FL40		
	×	×	×		1/21/25	×			×	-	1	3' C		FL39	230	
	×	×	×	921	1/21/25	×			×	-	1	3' C		FL38	38	11
	×	×	×	919	1/21/25	×			×		1	3' C		FL37	37	
	×	×	×	917	1/21/25	×	-		×	_	1	3 <sup>1</sup> C		FL36		
	×	×	×	915	1/21/25	×			×		1	3 <sup>1</sup>		FL35		11
	×	×	×	913	1/21/25	×			×		1	3 <sup>1</sup> C		FL34	34	
	×	×	×	911	1/21/25	×	-		×		4	3 <sup>1</sup>		FL33	33	
	×	×	×	909	1/21/25	×			×		1	3 <sup>1</sup>		FL32	33	
	×	×	×	907	1/21/25	×			×		1	3 <sup>1</sup> C		FL31	2	
	BTEX 8021	ТРН	Chloride	TIME		OTHER:	OTHER : ACID/BASE:	SLUDGE		GROUNDWATER WASTEWATER	# CONTAINERS	Depth  (G)RAB OR (C)OMP.		Sample I.D.	Lab I.D.	<u>F</u> . §
			_	LING	SAMPLING	PRESERV.	PR	RIX	MATRIX		1				LAB USE ONLY	FOR
							Fax #:							Jerry Heidelberg	Sampler Name:	Sam
				67	Phone #: 575 706-0667	e #: 57	Phone						S - R26E	: UL/ P Sec 3 T25S - R26E	Project Location:	Proj
				230	Zip: 88230	MN	State: NM							Ringer Federal #6	Project Name:	Proj
					ad	Carlsbad	City:		& Gas	Murchison Oil & Gas	ırchis		Project Owner:		Project #:	Proj
				Vista	Address: 5325 Sierra Vista	ss: 53	Addre						Fax #:	575 393-3386	Phone #: 575	Pho
					Boans	Greg Boans	Attn:		30	88260	Zip:	MN	State:	n	: Lovington	City:
				n Oil & Gas	Murchison Oil &	any	Company							4024 Plains Hwy	Address: 402	Add
					ľ	**	P.O. #:						Z	: Daniel Dominguez	Project Manager:	Proj
ANALYSIS REQUEST					BILL TO	B							C	Hungry Horse LLC	Company Name:	Com
				١.								NM 88240 5) 393-2476	Hobbs, FAX (57	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		
		1		1								es	071	aboratories		
-OF-CUSTODY AND ANALYSIS REQUEST	USTOD	SF-C	CHAIN-	CH								r	-		1	
		1										-	2	フスフ		5

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINA Laboratorie 101 East Marland, Hobbs, NV

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

Company Name:	Hungry Horse I I C	7		1	1	1	1	ı	1	Т	1	1	L	L	ı			1			ı	ı														22
Project Manager	Daniel Dominguo							1	1	1	_		1		a	BILL 10						ANALYSIS	A	×	Sis	-	유	۵	REQUEST	TS						1
· · · · · · · · · · · · · · · · · · ·	Daniel Donniguez	1					1				┖	P.O.	#:												_	$\neg$	- 1	$\dashv$		$\dashv$	$\dashv$		4	4		$\perp$
ess:	4024 Plains Hwy											Company	du	any		Murchison Oil &	il & Gas											_		_			_			
VO		State: NM	_	Zi	Zip:	88	88260	Ö				Attn:	7.	Gn	g	Greg Boans														_	_					
Phone #: 575 393-3386		Fax #:										A	re	SS:	53	Address: 5325 Sierra Vista	sta											_		_	_					
Project #:		Project Owner:		Murchison Oil & Gas	chis	9	8	G	S		_	City:		Ca	Carlsbad	ad				_										_	_		_			
Project Name: Rin	Ringer Federal #6										-	State: NM	ē	Σ	-1	Zip: 88230														_	_					
Project Location:	UL/ P Sec 3 T25S -	- R26E					- 1		- 1		_	Phone #:	ře L	#	57	575 706-0667														_	_		_			
Sampler Name:	Jerry Heidelberg										_	Fax #:	#																		_			_		
FOR LAB USE ONLY						П	1 1	₹	MATRIX	×	1		PRESERV.	SE	RV.	SAMPLING	G			_											_		_	_		_
Lab I.D.	Sample I.D.		Depth	OR (C)OMP	INERS	WATER	VATER						_	DL				е		021																
H350314					# CON	GROU	WAST	SOIL	OIL	SLUDG		OTHER	ACID/B	CE / C	OTHER	DATE	TIME	Chlor	ГРН	BTEX														_		
4) FL41	7		ယ္	C	_					-	_	_	$\rightarrow$	×		1/21/25	927	×	×	×E	-	-1	4	1	$\perp$		1			+	+		+	+		_
	2	-	<b>ତ୍</b>	C	-			×			$\vdash$	-		×		1/21/25	929	×	×	×	_		-							1	+		+	+		_
	٥		6	C	_			×		Н	Н	Н		×		1/21/25	931	×	×	×			_						-1				-			_
74 1744	4	+		C	-			×		+	+	+	-	×		1/21/25	933	×	×	×											1		+	+		
1// <sub>0</sub> FL45			1	0	-			×		+	+	+	-	×	$\perp$	1/21/25	935	×	×	×			_					1			$\forall$		+	+		
17 FL40	1 0	-		C	-			×		+	+	+	-	×	_	1/21/25	937	×	×	×	_										1		+	+		_
1) (		-	1	C	-			×		+	+	+	+	×	-	1/21/25	939	×	×	×													+	+		_
10 FL40		-	1	C	-			×		$\top$	+	+	+	×	_	1/21/25	941	×	×	×											1		1	+		_
		-		+	-			×			-	+		×	_	1/21/25	943	×	×	×	-		$\dashv$		-			T					1	+		_
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive removing removing relations delicing state. In It is a property for any claims delicing state. It is a property for any claims delicing state.	Jes. Cardinal's liability and clier	nt's exclusive reme	O"	C	_			×				$\vdash$	-	×	$\vdash$	1/21/25	945	×	×	×	-		-		-								+	+		_
analyses. All claims including those for negligence and any other cause whatsoever shall be demend 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 consequental damages, including without imitation, 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 stands response to the control of the above stands respo	for negligence and any other consequence for incidental or consequence or related to the performance or	ause whatsoever s uental damages, i of services hereun	er shall be deemed wheel unless made in writing and received by Cardinal within 30 es, including without emitted to the se. including without emittation, business interruptions, loss of use, or loss of profits incomments of the continual representation of the continual representation of the continual regardless of whether such claim is based uncon any of the above	d waiv	ation,	less r busin	made less in	in wr	ting a	nd re	ceive of us	d by C	ardin	al wil	the a	mount paid by the cl days after complete surred by client, its su	lient for the ion of the applica ubsidiaries,	ble					- 1		- 1		- 1				1		1	1		L
A Dausindus	0000	Pate:	χ̈́	Received By:	eive	ed	BY:					- 1					Phone Result:	100	Yes	No.	A	Add'l Phone #:	P	one	*	П	П									_
Texas thous	belleers	Time:	<i>N</i> ,	1	2	0	0	1	-	3	,						REMARKS		Co	48 hr RIISHI	Ū		ra ra	=  ×												
Refinquished By:	)	Date:	_	Received By:	eive	b	Ϋ́		1								Email results to:	sults to		pm@hungry-horse.com	?	og (	Ď.	3	3											
		Time:		1															gt	gboans@jdmii.com	d d		Ĕ													
Delivered By: (Cir	(Circle One) Od	1	20.00		-	o s	Sample Condition Cool Intact	_ e	at or	유를	9		0	゠	(Initials)	CHECKED BY:				(																
Sampler - UPS - Bu	- Bus - Other: 0 . 3L	SC/#	40	ì			No No	Yes		Yes	0 0			1	I	40 5																				
Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476	cept verbal change	ges. Pleas	e fax wri	tter	ch	lan	ges	to	57	53	93-	247	6		4			1	1		1	1	П	1	1	Т	1				1	1		1	1	-

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



1	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	Hobbs AX (57	5) 393-247	9 10									o o	=	3			1		<u> </u>	A IA	200	끾	2	ES	٦					1	age 98 d
Company Name:	Hungry Horse LLC	C								7			В	L	BILL TO					A	ANALYSIS	Sis	ᇛ	2	REQUEST	17				1	$\Box$	aç
Project Manager:	Daniel Dominguez	Z								P	P.O. #:	#									-										لـــ	1 F
Address: 4024	4024 Plains Hwy									C	9m	Company	Υ.	3	Murchison Oil & Gas	& Gas				_	_			_						_		
City: Lovington		State:	MM	Zip:		88260	60			Þ	Attn:		Greg Boans	Вог	sue				_		_	_		_					_	_		
# -	93-3386	Fax #:				ſ				A	ddr	ess	5	325	Address: 5325 Sierra Vista	ta			_										_			
Project #:		Project Owner:		Murc	Murchison Oil & Gas	0 0	80	as		0	City:		Carlsbad	bad										_								
ame:	Ringer Federal #6									S	State:	NN:	3	Z	Zip: 88230					_				_					_	_		
Project Location:	UL/ P Sec 3 T25S -	S - R26E	Ï							P	hor	Phone #:		757	575 706-0667						_									_		
Sampler Name:	Jerry Heidelberg									T	Fax #:	.**									_	_		_						_		
FOR LAB USE ONLY						П	2	MATRIX	×	1	P	RES	PRESERV.	-	SAMPLING	G					_									_		
Lab I.D.	Sample I.D.	D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	- Crimity	DATE	TIME	Chloride	трн	BTEX 8021								b	1	-			
() F	FL51		6"	C	_			×	-	-		×	_		1/21/25	947	×	×	×		-			$\vdash$						-		_
52 F	FL52		6"	C	1			×				×	<u></u>	-	1/21/25	949	×	×	×	H				+					-	-		
63 F	FL53		6"	C	-			×	-			V	×		1/21/25	951	×	×	×	-	$\vdash$	L		+					-	+		
	FL54		6	C	1			×	$\vdash$	+	+	×	1		1/21/25	953	×	×	×	+	+	1		+					-	+		
S. F	FL55		<b>6</b>	C	_	I	1	×	+	+	+		×	1	1/21/25	955	×	×	×	+	+	4		+					-	+		
500	FL56		-	0	-		1	·   >	+	+	+	1	+	+	C7/17/1	95/	< >	< >	< >	+	+	1		+		1			-	+		
22	FL58		4 -	0 0	<u> </u>		9	× ×		-		V .	× >	,	1/21/25	1001	××	× >	× >	-				-						+		_
8	FL59		1'	C	1			×	-	-	-	~	×		1/21/25	1003	×	×	×		-			-			L		-	-		
	FL60	San Paradian	1'	C	1	to the	-	×	-	-	7		×	-	1/21/25	1005	×	×	×	H	H	L	Г	$\vdash$			L	Г	L	$\vdash$		-
PLEASE NOTE: Liability and Damages. Ca analyses. All claims including those for negl service. In no event shall Cardinal be liable	PLEASE NOTE: Liability and Damages: Cationals saturity and users studence record or your users of the control of the policy of the policy of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waved unless made in writing and received by Carinal within 30 systems after completion of the applicable service. In no event shall Cardinal be labele for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by claimt, its subsidiaries, service. In no event shall Cardinal be labele for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by claimt, its subsidiaries, service. In no event shall Cardinal be labele for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by claimt, its subsidiaries, service. In no event shall Cardinal be labele for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by claimt, its subsidiaries, services are consequently as a service of the service of the above stated insections or otherwise.	er cause what sequental dar	are removed to the control tendency of whother each claim is based upon any of the above stated reasons or otherwise.  Soever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the a mages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, becaused or by Cardinal reported seasons or otherwise.	med wa	aived u	inless i, busin	made in	n writin	g and	receive as of u	ed by	Cardin loss o	al with	in 30 c	naing minority season in contained on the many many many many many many many many	etion of the applic subsidiaries,	able															
Relinquished By	A III	Date:	91.95	R	Received By:	/ed	By:									Phone Result: Fax Result:	ļ.	☐ Yes	□ No		Add'l Phone #: Add'l Fax #:	ne #:	Ш									
hermonto	delletts	Tim	N I		2	0	8	2	D							REMARKS:	Š			7	HSL											
Relinquished By:	1	Date:	e:	Re	Received By:	ved	By:									Email results to:	sult		pm@hungry-horse.com	ngry-h	orse.co	m										
, ,		Time:	1e:										5	5					gboans@jdmii.com	@jdmii	com											
Delivered By: (Circle One)		24.0	10000	6.		- 40	Sample Condition Cool Intact Thes Thes	ple C	ample Condition	ition	_	0	(In Child	(Initials)	CHECKED BY: (Initials)																	
Vampler .			+					9																								-

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



Company Name:	101 East Mariand, Hobbs, NM 66240 (575) 393-2326 FAX (575) 393-2476	AX (575)	393-247	6										Ĩ,	170						A	ANALYSIS	S		낆	REQUEST	ES	7						age 9
Company Name: Project Manager:	Hungry Horse LLC  Daniel Dominguez									0	P.O.	#	100	BILL	710						7	_J	3	_	쥬	<u>اج</u>	Ü	<b>⊣</b> ÷			$\perp$		$\dashv$	Pa
Address: 4024	무									0	Company	pan	<u> </u>	2	Murchison Oil &	& Gas										_							_	
City: Lovington		State: NM	^	Zip:		88260	8			A	Attn:		Greg Boans	Во	ans									_		_							_	_
e #:	93-3386	Fax #:								Þ	ddr	ess	5	325	Address: 5325 Sierra Vista	sta																	_	
Project #:	7	Project Owner:	7	Murchison Oil & Gas	hison	IO L	So C	as		0	City:		Carlsbad	bac												_							_	
ame:	Ringer Federal #6									S	State: NM	Z	₹	Z	Zip: 88230	0								_									_	_
Project Location:	: UL/ P Sec 3 T25S - R26E	- R26E								P	Phone #:	ne #		75	575 706-0667																		_	
Sampler Name:	Jerry Heidelberg									F	Fax #:	**	9											_		_							_	_
FOR LAB USE ONLY					$\dashv$	- 1	3	MATRIX	×	+ 1	٦	내	PRESERV.	÷	SAMPLING	G								_		_							_	_
Lab I.D.	Sample I.D.		Depth	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	OTHER.	DATE	TIME	Chloride	ТРН	BTEX 8021			1							)					
(9)	FL61		1'	C	1			×				×	^	-	1/21/25	1007	×	×	×							-						- 1	$\vdash$	_
60	FL62		1'	C	-			×	-		-	-	×	-	1/21/25	1009	×	×	×		1			-		-		-					-	_
103	FL63		-1:	C	-			×				-	×		1/21/25	1011	×	×	×		1			-		-							-	
199	FL64		1	C	-			×		-	-	-	×	-	1/21/25	1013	×	×	×					-		-							-	
115	FL65		<b>ଦୁ</b>	C	-		-	×		-	-	-	×	$\vdash$	1/21/25	1015	×	×	×					-		$\vdash$							+	_
1000	FL66		<b>୍ର</b>	C	-	-		×	+	+	+	-	×	+	1/21/25	1017	×	×	×		+			+		+					1		+	_
	FL67	-	ကူ တူ	0	<u> </u>			××	+	-	+		××	-	1/21/25	1019	××	××	××							-					1		+	
100	FL69		ರ್ತ್ತ	C	-			×	$\rightarrow$	-	$\rightarrow$		×		1/21/25	1023	×	×	×		$\vdash$		1 +1			$\vdash$		$\vdash$						
70	FL70		<sub>ସ</sub>		1			×	_	_	$\vdash$	_	×	$\vdash$	1/21/25	1025	×	×	×											Г	$\vdash$		$\vdash$	_
PLEASE NOTE: Liability and analyses. All claims including service. In no event shall Caraffiliates or successors arising	PLEASE NOTE: Liability and Damages Cardinat's liability and clients exclusive retrievable of any claim airsing writters cooped in countries or but, some the immore use announced within 30 days after completion of the applicable annalyses, All claims including those for negligence and any other cause whatsoever shall be deemed waved 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 consequental demages, 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.	ents exclusive re r cause whatsoev equental damage e of services hen	minely for any claim arising wirestine cased in contract or but, steal the eliment to the removal time rest shall be deemed walwed unless made in writing and received by Cardinal within 30 days afte se, including without limitation, business interruptions, loss of use, or loss of profits incurred by eurofice to Cardinal, regardless of whether such claim is based upon any of the above stated re	ned wai	wed un itation, ardless	busing s of wh	nade in tess into nether:	writing erruption	g and ons, lo fairn is	receive ss of u	ed by see, or	Cardin loss o	nal with	nin 30 ts incu	starg writerite (cased in contract, or lot, some be similard, us the enrount year. Or a re- skeed unless made in writing and received by Cardinal within 30 days after completion of the a station, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, pardless of whether such claim is based upon any of the above stated reasons or otherwise.	letion of the appli s subsidiaries, or otherwise.	cable					1	6											
Relinquished By:	B	Date:		Rec	Received By:	ed E	Y:									Phone Result:	ult:	□ Yes		N N	Ad	Add'l Phone #: Add'l Fax #:	hon ax #	e #:										_
Burnell	Codellara	Time	Time: 1 3-33		2	0	2	1	1	1						REMARKS	KS:			48 hr RUSH!	R	S	I											_
Reimquished By:		Date:	R	Rec	Received By:	ed	×			4	1					Email results to:	esults		pm@hungry-horse.com gboans@jdmii.com	nung S@jo	mii	orse	3.00	3										
Delivered By:	Delivered By: (Circle One)	3	20.00	C		o s	Sample Condition Cool Intact	le C	e Condi Intact	itio		0	는 X	ECKED (Initials)	CHECKED BY: (Initials)																			
Sampler - UPS - Bus - Other: -0-2	- Bus - Other:	_	+		_		SOAT SOAT	١																										

Date: Time:

Received By:

Email results to:

pm@hungry-horse.com gboans@jdmii.com

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

Sampler - UPS - Bus - Other: -0.0

Delivered By: (Circle One)

0.4.

\$ C.O.O.

Sample Condition
Cool Intact
Pes Pes
No No

CHECKED BY: (Initials)

### oratories

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	(S: 48 hr F	REMARKS:	112	Con in	Time: 12	The Short of	War for
1	esuit:   Yes   No Add'l Fax#:	Fax Result:		Received By:	R	Date	Relinguished By:
1		we stated reasons or otherwise.	hether such claim is based upon any of the above	regardless of whether such	hereunder by Cardinal	service, in no event snall cartinal be aliane for incurrent or consequential database, including mandata minimals, consequential database and in event snall database and in event snall database of whether such claim is based upon any of the above stated reasons or otherwise.	service. In no event shall Cardinal be liable to show affiliates or successors arising out of or related to the
	plicable	amount paid by the client for the 30 days after completion of the ap incurred by client its subsidiaries.	ntract or tort, shall be limited to the ng and received by Cardinal within tors loss of use or loss of profits	arising whether based in cor waived unless made in writin	ve remedy for any claim soever shall be deemed	PLEASE NOTE: Liability and Damages. Cardinat's liability and client's exclusive remoty for any claim arising whether based in contract or fort, shall be limited to the amount paul by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be demend waived interested in mining and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be demended which the service in the interest of the contract of	PLEASE NOTE: Liability and analyses. All claims including
Ц	× × ×	1/21/25 1045	×	; 1 ×	0-6.5' C	SW7	8
_	× × ×	1/21/25 1043	×	1 ×	0-6.5' C	SW6	79
_	× ×	1/21/25 1041	×	1 ×	0-6.5' C	SW5	78
	× × ×	1/21/25 1039	×	1 X	0-6.5' C	SW4	7
_	× ×	1/21/25 1037	×	 1	0-6.5' C	SW3	70
_	× × ×	1/21/25 1035	×	1 X	0-6.5' C	SW2	35
_	× × ×	1/21/25 1033	×	1 ×	0-6.5' C	SW1	Jul 1
-	× × ×	1/21/25 1031	×	1 ×	5' C	FL73	B
_	× ×	1/21/25 1029	×	1 X	5 <u>1</u> C	FL72	72
_	× × ×	1/21/25 1027	×	 	5 <sup>1</sup> C	FL71	7
	Chloride TPH BTEX 8021	DATE TIME	OIL SLUDGE OTHER: ACID/BASE: ICE / COOL	# CONTAINERS GROUNDWATER WASTEWATER SOIL	Depth  (G)RAB OR (C)OMP.	Sample I.D.	Lab I.D.
_		SAMPLING	RIX PRESERV.	MATRIX			FOR LAB USE ONLY
_			Fax			Jerry Heidelberg	Sampler Name:
_		5 706-0667	Phone #: 575 706-0667			UL/ P Sec 3 T25S - R26E	Project Location:
_		Zip: 88230	State: NM			Ringer Federal #6	Project Name:
-		ad	City: Carlsbad	Murchison Oil & Gas		Project Owner:	Project #:
_		Address: 5325 Sierra Vista	Address: 53:			575 393-3386 Fax #:	Phone #: 575
_		oans	Attn: Greg Boans	Zip: 88260		State: NM	City: Lovington
_		Murchison Oil & Gas	Company			4024 Plains Hwy	Address: 4024
F			P.O. #:			Daniel Dominguez	Project Manager:
ag	ANALYSIS REQUEST	BILL TO	BI			Hungry Horse LLC	Company Name:
e 100					, NM 88240 '5) 393-2476	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	
of 1	The state of the s				es	aboratories	
01	OF-CUSTODY AND ANALYSIS REQUEST	CHAIN-			í		1

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	obbs, NM 882 X (575) 393-24	40																													4	10
Company Name:			1				- 1	- 1				4.1	1	ř	BILL TO	8				ANALYSIS	S	_	낆	Ö	REQUEST	S	7						age
Project Manager:										P	P.O. #:	"							-			$\dashv$	- 1	_						!			
Address: 402	P									S	를	Company	<u> </u>	2	Murchison Oil & Gas	& Gas						_											
City: Lovington		State: NM	Zip:		88260	60				Att	Attn:		reg	Во	Greg Boans				_			_									_		
e #:	93-3386	Fax #:	Ī	1						Ad	dre	SS	5	325	Address: 5325 Sierra Vista	ta						_											-
		Project Owner:	Murc	Murchison Oil & Gas	0 0	80	as			City:	Y.	<sub>C</sub>	Carlsbad	bac	<b>a</b>							_											
Project Name:	Ringer Federal #6									Sta	State:	M	<	N	Zip: 88230																		
Project Location:	UL/ P Sec 3 T25S -	R26E								Ph	9	Phone #:		75	575 706-0667				_			_											
Sampler Name:										Fa	Fax #:	-							_			_											
FOR LAB USE ONLY					П	إرا	MATRIX	꼾			꾸	ΈS	PRESERV.	-	SAMPLING	G						_											
Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL (	OTHER:	o merc.	DATE	TIME	Chloride	ТРН	BTEX 8021														
×	8W8	0-6.5'	С	1			×					×	1		1/21/25	1047	×	×	×			-											
63	SW9	0-6.5	С	-			×				-	×	-		1/21/25	1049	×	×	×			-											
82	SW10	3-6.5	C	_			×					×	-	-	1/21/25	1051	×	×	×			-		_		L					_		
2	SW11	3-6.5	С	1			×			100		×	-	-	1/21/25	1053	×	×	×			-		1							$\perp$		
99.	SW12	3-6.5	C	1			×					×	-	-	1/21/25	1055	×	×	×			-		1			-3				1		
8%	SW13	0-3'	С	-			×					×	-	-	1/21/25	1057	×	×	×			-		-									
8.	SW14	0-3'	C	-			×					×	1	-	1/21/25	1059	×	×	×			-		-					Г				
88	SW15	0-6"	C	-			×					×	-		1/21/25	1101	×	×	×					-		L		L	Г		_		
98	SW16	0-6"	C				×					×	+	+	1/21/25	1103	×	×	×			+		1							1		
PLEASE NOTE: Liability a analyses. All claims including	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 firnited 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.	's exclusive remedy for any use whatsoever shall be de	claim ar	sing w	hethe	nade	in writ	ntrac	t or to	eived	all be	limite	od to	the ar	amount paid by the client for the 30 days after completion of the a	client for the etion of the applic	able			I	- 1	H	- 1	L			ſ				1		
affiliates or successors arising of Relinquished By:	service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of points 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.  Received By:  Received By:	lental damages, including with ferrices hereunder by Car Date:	rdinal, rec	al, regardless of whethe Received By:	ed ed	hether By:	r such	claim	n is ba	sed u	pon :	any of	the a	bove	e stated reasons or	or otherwise.  Phone Result:	E.	□ Yes	No.	Add'l Phone #:	hone	#	П										
Burgo	- And Maria	Time:		)	0	5	7	2	7							REMARK	KS:	L Yes			- ax												
Refinquished By:		Date:	Re	Received By:	/ed	By:										Email results to:	esults	to:	pm@hur	pm@hungry-horse.com	CO	3											
1		Time:					-				1								gboans@	gboans@jdmii.com	-												
Delivered By	Delivered By: (Circle One) 0.47		1.			Sample Condition Cool Intact	ple	一計	of the	on on		0	E H	(Initials)	(Initials)																		
Sampler - Ura	Sampler - UPS - Bus - Other: _0.0	1/#14)				JE	5 6		2 6	d	_		_	+	2																		1



January 23, 2025

DANIEL DOMINGUEZ
Hungry Horse Environmental
P.O. Box 1058

Hobbs, NM 88240

RE: RINGER FEDERAL #6

Enclosed are the results of analyses for samples received by the laboratory on 01/21/25 16:13.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SW 18 0-1' (H250365-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.91	95.4	2.00	2.17	
Toluene*	<0.050	0.050	01/22/2025	ND	1.93	96.4	2.00	2.82	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.03	101	2.00	3.18	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.99	99.9	6.00	3.42	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	212	106	200	0.548	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	210	105	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	71.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.8	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SW 19 0-1' (H250365-02)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.91	95.4	2.00	2.17	
Toluene*	<0.050	0.050	01/22/2025	ND	1.93	96.4	2.00	2.82	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.03	101	2.00	3.18	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.99	99.9	6.00	3.42	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	212	106	200	0.548	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	210	105	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	91.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.6	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SW 20 0-1' (H250365-03)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.91	95.4	2.00	2.17	
Toluene*	<0.050	0.050	01/22/2025	ND	1.93	96.4	2.00	2.82	
Ethylbenzene*	< 0.050	0.050	01/22/2025	ND	2.03	101	2.00	3.18	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.99	99.9	6.00	3.42	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	14						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	212	106	200	0.548	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	210	105	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	88.3	% 48.2-13	34						
Surrogate: 1-Chlorooctadecane	92.4	% 49.1-14	18						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SW 21 0-6" (H250365-04)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.91	95.4	2.00	2.17	
Toluene*	<0.050	0.050	01/22/2025	ND	1.93	96.4	2.00	2.82	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.03	101	2.00	3.18	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.99	99.9	6.00	3.42	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	212	106	200	0.548	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	210	105	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	87.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.4	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SW 22 0-6" (H250365-05)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.91	95.4	2.00	2.17	
Toluene*	<0.050	0.050	01/22/2025	ND	1.93	96.4	2.00	2.82	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.03	101	2.00	3.18	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.99	99.9	6.00	3.42	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	212	106	200	0.548	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	210	105	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	86.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SW 23 0-6" (H250365-06)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.91	95.4	2.00	2.17	
Toluene*	<0.050	0.050	01/22/2025	ND	1.93	96.4	2.00	2.82	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.03	101	2.00	3.18	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.99	99.9	6.00	3.42	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	212	106	200	0.548	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	210	105	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	93.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.1	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SW 24 0-5' (H250365-07)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.91	95.4	2.00	2.17	
Toluene*	<0.050	0.050	01/22/2025	ND	1.93	96.4	2.00	2.82	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.03	101	2.00	3.18	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.99	99.9	6.00	3.42	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	212	106	200	0.548	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	210	105	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	95.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.3	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SW 25 0-5' (H250365-08)

BTEX 8021B	mg	/kg	Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.91	95.4	2.00	2.17	
Toluene*	<0.050	0.050	01/22/2025	ND	1.93	96.4	2.00	2.82	
Ethylbenzene*	< 0.050	0.050	01/22/2025	ND	2.03	101	2.00	3.18	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.99	99.9	6.00	3.42	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	212	106	200	0.548	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	210	105	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	96.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SW 26 0-5' (H250365-09)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.91	95.4	2.00	2.17	
Toluene*	<0.050	0.050	01/22/2025	ND	1.93	96.4	2.00	2.82	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.03	101	2.00	3.18	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.99	99.9	6.00	3.42	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	212	106	200	0.548	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	210	105	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	92.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.8	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

Hungry Horse Environmental DANIEL DOMINGUEZ P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/23/2025 Sampling Type: Soil

Project Name: RINGER FEDERAL #6 Sampling Condition: Cool & Intact
Project Number: MURCHISON Sample Received By: Alyssa Parras

Project Location: UL/P SEC 3 T25S - R26E

### Sample ID: SW 27 0-5' (H250365-10)

BTEX 8021B	mg	/kg	Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	1.91	95.4	2.00	2.17	
Toluene*	<0.050	0.050	01/22/2025	ND	1.93	96.4	2.00	2.82	
Ethylbenzene*	< 0.050	0.050	01/22/2025	ND	2.03	101	2.00	3.18	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.99	99.9	6.00	3.42	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	212	106	200	0.548	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	210	105	200	0.858	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	95.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.1	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



	poratories	ories	U																f 13
101	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	l, Hobbs, NM 88240 FAX (575) 393-2476	88240 3-2476											500		191			ge 13 d
Company Name:							BILL	BILL TO		-	-	1	ANAL	ANALYSIS	KEQUEST	I Cal	-	-	 Pac
	Daniel Dominguez					P.O. #:	-					_				_			
P	4024 Plains Hwy					Company		Murchison Oil & Gas	& Gas		_	_				_			
2		State: NM		Zip: 88	88260	Attn:	Greg Boans	ans		_		_				_			
# _		Fax #:	-	-		Addres	s: 5325	Address: 5325 Sierra Vista	a		_	_	_						
		Project Owner:		Murchison Oil & Gas	Oil & Gas	City:	Carlsbad	_		_	_	_				_			
-	L		-			State: NM		Zip: 88230		_						_			
Project Name: Kin	Kinger rederal #0						2	708-0887								_			
Project Location:	UL/ P Sec 3 T25S	- R26E				Phone #:	#: 5/5	2/2/00-00/								_			
Sampler Name:	Jerry Heidelberg					Fax				_		_				_			
FOR LAB USE ONLY			4		MATRIX		PRESERV.	SAMPLING	G	_									
Lab I.D.	Sample I.D.		Depth OF COMP	G)RAB OR (C)OMP. CONTAINERS GROUNDWATER	WASTEWATER SOIL OIL	SLUDGE OTHER : ACID/BASE:	OTHER:	DATE	TIME	Chloride	ТРН	BTEX 8021							
AS I ICA	SW18		0-1'	/	×		×	1/21/25	1107	×	×	×	+			+		1	
NS C PU	SW19	0		C 1	×		×	1/21/25	1109	×	×	×	+	1		+	+	1	
NS 12 22	SW20	0	0-1'	C 1	×		×	1/21/25	1111	×	×	×	+	1		-	+	1	
OU 4 SV	SW21	0	0-6"	C 1	×		×	1/21/25	1113	×	×	×	+	1		-	+	1	
NS 5 50	SW22	0	0-6"	C 1	×		×	1/21/25	1115	×	×	×		+		+	+		
010 6 SN	SW23	0	0-6"	C 1	×		×	1/21/25	1117	×	×	×		1			+	+	
1	SW24	0	0-5'	C 1	×		×	1/21/25	1119	×	×	×	+	1		+	+	1	
OX 8 SN	SW25	0	0-5'	C 1	×		×	1/21/25	1121	×	×	×	+	1	T	-	+		
00 9 8	SW26		0-5'	C 1	×		×	1/21/25	1123	×	×	×	+	1		-	-		
18 (V/V)	SW27	0	0-5'	C 1	×		×	1/21/25	1125	×	×	>	1	t		-	-	-	
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 paut by ser common 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 applical 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 applical analyses. All claims including those for negligence and any other causes whatsoever shall be deemed waived unless interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, 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.	mages. Cardinal's liability and one for negligence and any other also be liable for incidental or con	dent's exclusive reme or cause whatsoever of sequental damages,	edy for any cla shall be deem including withou	im arising whe ed waived unle out limitation, b	m arising whether based in contract or tort, shall be limited to a waived unless made in writing and received by Cardinal will be unless made in writing and received by Cardinal will ut limitation, business interruptions, loss of use, or loss of the	act or tort, shall be and received by Ca ns, loss of use, or lo	ardinal within 3 use of profits in	amount paid by sie of one of the state of th	letion of the appli subsidiaries,	cable									
Relinquished By:	typ( or related to the performan	Date:	under by Cardin	Received By:	Received By:				Phone Result: Fax Result:		☐ Yes	O No		Add'I Phone #: Add'I Fax #:	*				
A CA	d'Ad	Time:	20 3	2	LANG	9			REMARKS:				48 hr RUSH!	HIS					
Belinquished By:	Market Market	Date:		Received By:	d By:				Email results to:	results		pm@hungry-horse.com	gry-hor	se.com	-				
1		Time:										gboans@jdmii.com	)jdmii.c	om					
Delivered By: (Circle One)	Circle One) Q	148 C-	2.0.0		Sample Condition Cool Intact	Condition	CHECKED BY: (Initials)	ED BY:											
Sampler - UPS -	Bus - Other: 0.	0.22 #11	0		Yes Yes	Yes	*	P											
† Cardinal cannot	Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476	anges. Plea	se fax w	ritten ch	nanges to 5	575-393-247	76												

### Attachment VII NMBLM Seed Mixture 4 for Gypsum Sites

### Mixture 4, for Gypsum Sites

The holder shall seed all the disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)\* per acre. There shall be <u>no</u> primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law(s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed\* per acre:

<u>lb/acre</u>
1.5
8.0

~DWS: DeWinged Seed

Pounds of seed x percent purity x percent germination = pounds pure live seed

<sup>\*</sup>Pounds of pure live seed:

### Attachment VIII R360 Red Bluff Landfill Listing of Disposal Manifests

Invoice #	Ticket ID	Manifest Date	_	Account/Generator	Ordered By	API#	Well Name	Hauler Name	Driver	Product Name	Unit	Quantity
RB29170	740-386932	1/17/2025	RB368456	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187		HUNGRY HORSE, LLC	ALEJANDRO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386931	1/17/2025	RB368352	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	LEOPOLDO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386930	1/17/2025	RB368377	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	REYNADO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386929	1/17/2025	RB368378	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386928	1/17/2025	RB368338	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	LEOPOLDO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386927	1/17/2025	RB370067	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ALEJANDRO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386903	1/17/2025	RB368344	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	LEOPOLDO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386902	1/17/2025	RB368455	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ALEJANDRO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386901	1/17/2025	RB368376	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386900	1/17/2025	RB368454	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ALEJANDRO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386899	1/17/2025	RB368350	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	LEOPOLDO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386810	1/16/2025	RB368373	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386809	1/16/2025	RB368452	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ALEJANDRO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386808	1/16/2025	RB368453	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ALEJANDRO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386793	1/16/2025	RB368451	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ALEJANDRO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386792	1/16/2025	RB368372	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386775	1/16/2025	RB368375	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ALEJANDRO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386774	1/16/2025	RB368371	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386691	1/15/2025	RB368268	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	LEOPOLDO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386656	1/15/2025	RB368285	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386654	1/15/2025	RB368286	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386653	1/15/2025	RB368258	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ROBERTO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386652	1/15/2025	RB368257	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ROBERTO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386612	1/15/2025	RB368284	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386611	1/15/2025	RB367021	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ROBERTO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386597	1/15/2025	RB368267	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	LEOPOLDO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386595	1/15/2025	RB367020	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ROBERTO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386594	1/15/2025	RB368283	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386525	1/14/2025	RB368266	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	LEOPOLDO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386520	1/14/2025	RB367019	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6		ROBERTO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386519	1/14/2025	RB366815	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386490	1/14/2025	RB368265	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	KEI	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386489	1/14/2025	RB366814	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	RONALDO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386488	1/14/2025	RB367018	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ROBERTO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386446	1/14/2025	RB368264	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6		LEOPOLDO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386445	1/14/2025	RB366813	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386444	1/14/2025	RB367017	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ROBERTO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386425	1/14/2025	RB367016	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ROBERTO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386424	1/14/2025	RB366812	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6		REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-386423	1/14/2025	RB366811	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187		HUNGRY HORSE, LLC	LEOPOLDO	Contaminated Soil (RCRA Exempt)	yards	18
	740-385857	1/8/2025	RB366800					HUNGRY HORSE, LLC		Contaminated Soil (RCRA Exempt)	yards	
	740-385856	1/8/2025	RB366810	MURCHISON OIL & GAS INC	GREG BOANS			HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
II	740-385855	1/8/2025	RB366847	MURCHISON OIL & GAS INC	GREG BOANS			HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
-	740-385854	1/8/2025	RB366846	MURCHISON OIL & GAS INC	GREG BOANS			HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
11	740-385853	1/8/2025	RB366799	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187		HUNGRY HORSE, LLC	ROBERTO	Contaminated Soil (RCRA Exempt)	yards	18
	740-385852	1/8/2025	RB366809	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6		REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-385851	1/8/2025	RB366798	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ROBERTO	Contaminated Soil (RCRA Exempt)	yards	18
RB29170	740-385850	1/8/2025	RB365663	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6		REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
RB29105		1/8/2025	RB366844	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
l	740-385758	1/8/2025	RB366797	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6		ROBERTO	Contaminated Soil (RCRA Exempt)	yards	18
RB29105	740-385757	1/8/2025	RB365662	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	RYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
RB29105	740-385756	1/8/2025	RB366845	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18

Received I	by OCD: 2	/6/2025 1:56	:12 PM								Page	e 229 of
RB29105	740-385678	1/7/2025	RB365371	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ROBERTO	Contaminated Soil (RCRA Exempt)	yards	18
RB29105	740-385660	1/7/2025	RB365661	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
RB29105	740-385659	1/7/2025	RB369103	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
RB29105	740-385658	1/7/2025	RB365370	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ROBERTO	Contaminated Soil (RCRA Exempt)	yards	18
RB29105	740-385657	1/7/2025	RB369108	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
RB29105	740-385656	1/7/2025	RB365660	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	RAYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
RB29105	740-385655	1/7/2025	RB365369	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ROBERTO	Contaminated Soil (RCRA Exempt)	yards	18
RB29105	740-385654	1/7/2025	RB369102	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
RB29105	740-385653	1/7/2025	RB365659	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
RB29105	740-385591	1/7/2025	RB365368	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ROBERTO	Contaminated Soil (RCRA Exempt)	yards	18
RB29105	740-385590	1/7/2025	RB369101	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yards	18
RB29105	740-385589	1/7/2025	RB365658	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
RB28993	740-383688	12/20/2024	RB364100	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
RB28993	740-383520	12/19/2024	RB363682	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
RB28993	740-383482	12/19/2024	RB363683	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
RB28993	740-383430	12/19/2024	RB363680	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
RB28993	740-383285	12/18/2024	RB368734	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	RICARDO	Contaminated Soil (RCRA Exempt)	yards	18
RB28993	740-383284	12/18/2024	RB369840	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
RB28993	740-383283	12/18/2024	RB368776	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
RB28993	740-383282	12/18/2024	RB363678	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
RB28993	740-383281	12/18/2024	RB368735	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	RICARDO	Contaminated Soil (RCRA Exempt)	yards	18
RB28993	740-383280	12/18/2024	RB368775	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
RB28993	740-383279	12/18/2024	RB368777	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
RB28993	740-383278	12/18/2024	RB363679	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
RB28993	740-383277	12/18/2024	RB363927	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	RICARDO	Contaminated Soil (RCRA Exempt)	yards	18
RB28870	740-383198	12/17/2024	RB369454	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ROBERTO	Contaminated Soil (RCRA Exempt)	yards	18
RB28870	740-383197	12/17/2024	RB369462	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
RB28870	740-383196	12/17/2024	RB369835	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
RB28870	740-383195	12/17/2024	RB369463	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
RB28870	740-383194	12/17/2024	RB369455	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ROBERTO	Contaminated Soil (RCRA Exempt)	yards	18
RB28870	740-383193	12/17/2024	RB368767	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ROBERTO	Contaminated Soil (RCRA Exempt)	yards	18
RB28870	740-383192	12/17/2024	RB368772	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	RAYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
RB28870	740-383191	12/17/2024	RB369837	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
RB28870	740-383190	12/17/2024	RB369838	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
RB28870	740-383189	12/17/2024	RB368773	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	REYNALDO	Contaminated Soil (RCRA Exempt)	yards	18
RB28870	740-383188	12/17/2024	RB369836	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
RB28870	740-383187	12/17/2024	RB368768	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ROBERTO	Contaminated Soil (RCRA Exempt)	yards	18
RB28870	740-382281	12/12/2024	RB373662	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
RB28870	740-382258	12/12/2024	RB369128	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ROBERTO	Contaminated Soil (RCRA Exempt)	yards	18
RB28870	740-382257	12/12/2024	RB369129	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ALEJANDRO	Contaminated Soil (RCRA Exempt)	yards	18
RB28870	740-382026	12/11/2024	8004929	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
RB28870	740-382025	12/11/2024	RB373659	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
RB28870	740-382024	12/11/2024	RB368921	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	NOEL	Contaminated Soil (RCRA Exempt)	yards	18
RB28870	740-382023	12/11/2024	RB368835	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
RB28870	740-382022	12/11/2024	RB368836	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yards	18
RB28870	740-382021	12/11/2024	RB368928	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	NOEL	Contaminated Soil (RCRA Exempt)	yards	18
RB28870	740-382020	12/11/2024	RB373660	MURCHISON OIL & GAS INC	GREG BOANS	30-015-33187	RINGER FEDERAL #6	HUNGRY HORSE, LLC	ANIEL	Contaminated Soil (RCRA Exempt)	yards	18
I										Tota	al yards	1,782

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 429255

### **QUESTIONS**

Operator:	OGRID:
Murchison Oil and Gas, LLC	15363
7250 Dallas Parkway	Action Number:
Plano, TX 75024	429255
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

#### QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2430244854
Incident Name	NAPP2430244854 RINGER FEDERAL 6 @ 30-015-33187
Incident Type	Other
Incident Status	Reclamation Report Received
Incident Well	[30-015-33187] RINGER FEDERAL #006

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Ringer Federal 6
Date Release Discovered	08/15/2024
Surface Owner	Federal

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	Not answered.
Produced Water Released (bbls) Details	Cause: Other   Unknown   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.

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 429255

QUESTI	ONS (continued)	
Operator:  Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID:	
1 1610, 17, 75024	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.	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 s The source of the release has been stopped	T ·	
The impacted area has been secured to protect human health and the environment	True True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
If all the actions described above have not been undertaken, explain why	Not answered.	
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.	
to report and/or file certain release notifications and perform corrective actions for releating the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or	
I hereby agree and sign off to the above statement	Name: Cindy Cottrell Title: Regulatory Coordinator Email: ccottrell@jdmii.com Date: 11/08/2024	

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

Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 429255

**QUESTIONS** (continued)

Operator:	OGRID:
Murchison Oil and Gas, LLC	15363
7250 Dallas Parkway	Action Number:
Plano, TX 75024	429255
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

### QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)	
What method was used to determine the depth to ground water	NM OSE iWaters Database Search	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:		
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (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	Greater than 5 (mi.)	
A wetland	Between ½ and 1 (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		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission	Yes	
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.	
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)	51200	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0	
GRO+DRO (EPA SW-846 Method 8015M)	0	
BTEX (EPA SW-846 Method 8021B or 8260B)	0	
Benzene (EPA SW-846 Method 8021B or 8260B)	0	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence 12/09/2024		
On what date will (or did) the final sampling or liner inspection occur	01/21/2025	
On what date will (or was) the remediation complete(d)	01/21/2025	
What is the estimated surface area (in square feet) that will be reclaimed	14600	
What is the estimated volume (in cubic yards) that will be reclaimed	1782	
What is the estimated surface area (in square feet) that will be remediated	14600	
What is the estimated volume (in cubic yards) that will be remediated 1782		
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 4

Action 429255

QUESTIONS (continued)

Operator:	OGRID:
Murchison Oil and Gas, LLC	15363
7250 Dallas Parkway	Action Number:
Plano, TX 75024	429255
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

#### QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the	appropriate district office no later than 90 days after the release discovery date.
This remediation will (or is expected to) utilize the following processes to remediate	/ reduce contaminants:
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	Not answered.
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
<b>OR</b> is the <b>off-site</b> 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 Facility, Orla, TX
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

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

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

Name: Cindy Cottrell Title: Regulatory Coordinator I hereby agree and sign off to the above statement Email: ccottrell@jdmii.com Date: 02/06/2025

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.

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 5

Action 429255

**QUESTIONS** (continued)

Operator:	OGRID:
Murchison Oil and Gas, LLC	15363
7250 Dallas Parkway	Action Number:
Plano, TX 75024	429255
	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

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 6

Action 429255

<b>QUESTIONS</b>	(continued)
QUEUTION	COHUH IUCU

Operator:	OGRID:
Murchison Oil and Gas, LLC	15363
7250 Dallas Parkway	Action Number:
Plano, TX 75024	429255
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

#### QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	421554
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/21/2025
What was the (estimated) number of samples that were to be gathered	100
What was the sampling surface area in square feet	14600

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all re	emediation steps have been completed.
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	14600
What was the total volume (cubic yards) remediated	1782
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	14600
What was the total volume (in cubic yards) reclaimed	1782
Summarize any additional remediation activities not included by answers (above)	none

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 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

I hereby agree and sign off to the above statement

Title: Regulatory Coordinator
Email: ccottrell@jdmii.com
Date: 02/06/2025

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 7

Action 429255

QUESTIONS (con	itinuea)
----------------	----------

Murchison Oil and Gas, LLC	15363
7250 Dallas Parkway	Action Number:
Plano, TX 75024	429255
	Action Type:  [C-141] Reclamation Report C-141 (C-141-v-Reclamation)
QUESTIONS	
Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	14600
What was the total volume of replacement material (in cubic yards) for this site	1782
	four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 ver must include a top layer, which is either the background thickness of topsoil or one foot of suitable material
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)	built erosion control berms
	eclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form t field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13
to report and/or file certain release notifications and perform corrective actions for relea- the OCD does not relieve the operator of liability should their operations have failed to a water, human health or the environment. In addition, OCD acceptance of a C-141 report	knowledge and understand that pursuant to OCD rules and regulations all operators are required ses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or ally restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed no notification to the OCD when reclamation and re-vegetation are complete.

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 8

Action 429255

**QUESTIONS** (continued)

Operator:	OGRID:
Murchison Oil and Gas, LLC	15363
7250 Dallas Parkway	Action Number:
Plano, TX 75024	429255
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

#### QUESTIONS

Revegetation Report	
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.	
Requesting a restoration complete approval with this submission	No
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.	

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 429255

#### **CONDITIONS**

Operator:	OGRID:
Murchison Oil and Gas, LLC	15363
7250 Dallas Parkway	Action Number:
Plano, TX 75024	429255
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

#### CONDITIONS

Created By	Condition	Condition Date
bhall	Remediation closure and reclamation report approved.	2/7/2025
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.	2/7/2025
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 reseeding activities, inspections, and final pictures when revegetation is achieved.	2/7/2025
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.	2/7/2025