



Volume Calculation

Location: Grizzly Bear #2H

Fluid: Produced Water and Oil

Area: 16,000 (ft²)

Depth: 0.56 (in)

Porosity/Saturation: 0.15 %

Volume of oil released: 6.0 bbls

Volume of water released: 14.0 bbls

Volume of oil recovered: 0 bbls

Volume of water recovered: 0 bbls

Volume of liquid remaining in soil: 20.0 bbls

Volume recovered: 0 bbls

Total Volume: 20.0 bbls



Remediation Summary and Closure Request

**Murchison Oil & Gas, LLC
Grizzly Bear State Com #2H
Eddy County, New Mexico**

**Unit Letter "I", Section 1, Township 17 South, Range 28 East
Latitude 32.861346 North, Longitude 104.121321 West
NMOCD Incident # nAPP2335450194**

Prepared For:

Murchison Oil & Gas
5325 Sierra Vista
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Prepared By:

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August 2024

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HUNGRY HORSE, LLC

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

Background:

The site is located in Unit Letter I (NE/SE), Section 1, Township 17 South, Range 28 East, approximately 9 miles northwest of Loco Hills, in Eddy County, New Mexico. The property is located on New Mexico State Trust Land. Topographic Map, OSE POD Locations Map, and USGS Well Locations Map are included as Figure 1, Figure 2, and Figure 3, respectively.

The release occurred on an active polyline; Latitude 32.861346 North, Longitude 104.121321 West. The NMOCD Form C-141 indicated that on December 20, 2023 approximately 6 bbls of crude oil and 14 bbls of produced water were released due to a break in a polyline. A crew was dispatched to the release site and the line was repaired. No fluid was recovered. 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. Per NMOCD guidance, a 105-foot borehole was drilled at Latitude 32.861685 North, Longitude 104.122157 West, to determine if groundwater was present within 100 feet of ground surface.

On February 21, 2024, the borehole was drilled to a depth of 105 feet bgs. The bore hole was drilled, a period of 72 hours was observed, and then the bore was gauged for presence of water. On February 26, 2024, no water was present in the borehole when gauged, and the borehole was plugged. Therefore, depth to groundwater was determined to be deeper than 105 feet bgs. However, as the site is 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
>100'	Chloride	EPA 300.0 or SM4500 CLB	600 mg/kg
	TPH (GRO + DRO + MRO)	EPA SW-846 Method 8015M Ext	100 mg/kg
	GRO + DRO	EPA SW-846 Method 8015M Ext	NA
	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 Largo-Stony land complex comprised of loam and silt loam soils with 0 to 25 percent slopes. NMSLO Loamy sites seed mixture will be utilized for seeding the area after reclamation activities are complete.

A United States Department of Agriculture (USDA) Web Soil Survey was also completed to determine the soil type of the topsoil backfill pit. Web Soil Survey indicates the backfill pit is also located in the Largo-Stony land complex comprised of loam and silt loam soils with 0 to 25 percent slopes. Karst, Wetland, and Soil Maps are provided as Attachment I.

Delineation and Remediation Activities:

On April 29, 2024, a Site Assessment and Remediation Work Plan was submitted to NMOCD for approval. On April 29, 2024, the Work Plan was approved with conditions. Approval conditions included excavating the release area to ten feet bgs and sampling the excavation floor and sidewalls. NMOCD would then review analytical results and consider installation of geosynthetic clay liners. NMOCD Correspondence provided as Attachment II. Previously submitted pages of the approved Site Assessment and Remediation Work Plan are available on the NMOCD Permitting Portal.

From May 6 through June 18, 2024, the release area was excavated to a depth of ten feet bgs, per the NMOCD Conditions of Approval. Excavated contaminated soil was temporarily stockpiled onsite, within the excavated area, before transport to an NMOCD approved disposal facility. On June 19, 2024, Hungry Horse, LLC notified NMOCD that closure samples would be collected on June 21, 2024. NMOCD Correspondence is provided as Attachment II.

On June 21, 2024, three hundred fifty-six 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 FL251 and SW1 through SW105, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples, with the exception of FL1 – FL69, FL71 – FL75, FL78 – FL154, FL157 – FL185, FL189 – FL196, FL198 – FL202, and FL204 – FL251, which exhibited TPH and/or chloride concentrations in excess of NMOCD Closure Criteria.

On June 21, 2024, at the request of the NMSLO, an additional thirty samples were collected from the playa region sidewall section of the excavation at the southern end of the excavation. Three distinct layers were observed in the playa region of the excavation. The first layer was approximately four feet thick, surface to four feet bgs, and consisted of loamy, silty, topsoil with gypsum present. The second layer was approximately four feet thick, four feet to eight feet bgs, and consisted of loamy, silty soil. The third layer was caliche and extended from eight feet to depth of the excavation. Ten soil samples were collected from each soil layer, with each sample representing an area of approximately one hundred-twenty square feet. Soil samples



PL1A through PL1J, PL2A through PL2J, and PL3A through PL3J, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

On July 2, 2024, analytical data was submitted for NMOCD review. On July 9, 2024, requested maps and photographs were submitted. On July 18, 2024, installation of geosynthetic clay liners was approved with conditions. Conditions included field measuring excavation depth to ensure excavation was at a minimum of ten feet bgs, excavating any sample area with TPH over 100mg/kg and/or chloride over 20,000 mg/kg, and resampling of any sample areas after additional excavation, including areas of sidewalls exposed after additional sampling. NMOCD Correspondence provided as Attachment II.

On July 19, 2024, the excavation depth was field measured utilizing a grading measuring stick. Excavation depths ranged from 9.2 feet bgs to 13.5 feet bgs, prior to any additional excavation activities. The area measuring 9.2 feet bgs corresponds to sample area FL191. Laboratory analytical results from sample FL191 indicated chloride concentrations of 30,400 g/kg. As per the July 18, 2024, NMOCD conditions of approval, this area was excavated along with all other areas with TPH over 100mg/kg and/or chloride over 20,000 mg/kg. The sample areas with TPH over 100mg/kg and/or chloride over 20,000 mg/kg were then each excavated approximately one-foot bgs, with excavated soil hauled to an NMOCD approved disposal facility. On July 23, 2024, Hungry Horse, LLC notified NMOCD that closure samples would be collected on July 26, 2024.

On July 24, 2024, soil samples were collected from the topsoil and caliche pits that would be utilized to backfill the excavation. Topsoil pit location, 32.840791, -104.141837. Caliche pit location, 32.821132, -104.146054. Soil samples Topsoil and Caliche were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

On July 26, 2024, thirty-eight composite confirmation soil samples were collected from the sample areas with TPH over 100mg/kg and/or chloride over 20,000 mg/kg, with each sample representing no more than 200 square feet. Soil samples FL80b, FL82b, FL83b, FL84b, FL87b, FL89b, FL90b, FL93b, FL95b, FL96b, FL99b, FL100b, FL102b, FL125b, FL126b, FL137b, FL141b, FL145b, FL149b, FL185b, FL191b, FL215b, FL221b, SW16b, SW32b, SW34b, SW36b, SW63b, SW64b, SW65b, SW66b, SW73b, SW74b, SW75b, SW100b, SW101b, SW104b, and SW105b, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Four additional samples, RC1, RC2, BF1, and BF2, were also collected and submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations for each of the submitted samples were below either the NMOCD Closure Criteria, or below the July 18, 2024 approval conditions.



The samples labeled RC1 and RC2 are samples collected from the area underneath a ramp that was installed to remove the additional excavated soil from the sample areas with TPH over 100mg/kg and/or chloride over 20,000 mg/kg. The first ramp was removed before the initial closure samples were collected, then a second ramp was installed, using clean topsoil, to allow equipment into the excavation to excavate the areas with TPH over 100mg/kg and/or chloride over 20,000 mg/kg. After the additional excavated soil was removed, the second ramp was also then removed. When the additional closure samples were collected, the area where the ramp had been located, FL65 and FL73, was also sampled; the samples were labeled RC1 and RC2. The samples labeled BF1 and BF2 are additional samples collected from the topsoil pit, as the environmental tech didn't realize samples had already been collected from the topsoil pit.

The sidewall area associated with the second ramp was sampled on August 2, 2024. Soil samples SW59B and SW60B, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

On August 5, 2024, analytical data and sample maps were submitted to NMOCD for review, requesting written permission to proceed with liner installation. On August 8, 2024, written permission to proceed with installation of geosynthetic clay liners was received. NMOCD Correspondence provided as Attachment II.

From August 9 – 14, 2024, twenty-two geosynthetic clay liners were installed over the entirety of the excavation floor. The liners were rolled out, with edges overlapping, and cut to fit the floor of the excavation. No area of the excavation floor was left uncovered. A ramp was constructed to transport liners into the excavation. The ramp was then removed, liners installed in the area of the ramp, and then the ramp was rebuilt to transport the remaining liners into the excavation. Photographs of liner installation are provided in Attachment IV.

After installation of the geosynthetic clay liners, the excavation was backfilled with caliche and topsoil. Caliche was backfilled throughout the excavation corresponding to the original depth encountered during excavation activities, which varied across the excavation. Topsoil was then backfilled over the caliche to surface, maintaining a minimum topsoil cover depth of four feet. Photographs depicting backfilling of caliche and topsoil provided in Attachment IV.

The final excavated area measured approximately fifty thousand two hundred square feet and ranged in depth from 10.0 feet bgs to 13.7 feet bgs. During remediation activities approximately 21,603 cubic yards of impacted soil were excavated and hauled to an NMOCD approved disposal facility. Disposal C-138 provided in Attachment VIII.

Delineation Sample Map, Excavation Sample Map A, Excavation Sample Map B, Excavation Sidewall Sample Map A, and Excavation Sidewall Sample Map B are provided as Figure 4, Figure 5, Figure 6, Figure 7, and Figure 8, 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 SW105 were collected as five-point composite samples collected from the sidewalls of the excavation, from the excavation surface to the excavation floor. Excavation sidewall samples SW16b, SW32b, SW34b, SW36b, SW63b, SW64b, SW65b, SW66b, SW73b, SW74b, SW75b, SW100b, SW101b, SW104b, and SW105b, were collected after the excavation of sample areas with TPH over 100mg/kg and/or chloride over 20,000 mg/kg exposed more area of the sidewalls. These samples do not replace the corresponding sidewall samples as they were collected from the area exposed from excavation of the areas with TPH over 100mg/kg and/or chloride over 20,000 mg/kg.

Excavation Sidewall Sample Map A, and Excavation Sidewall Sample Map B, provided as Figure 7 and Figure 8, depict sidewall sample boundaries.

Restoration, Reclamation, and Re-Vegetation:

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

The soil backfill included a cover top layer, maintaining a minimum four-foot thickness, backfilled with locally sourced, clean, non-impacted topsoil to provide suitable material to establish vegetative growth. The area was then contoured the site's existing grade to prevent ponding of water and erosion of the cover material. The affected area was then tracked utilizing a dozer to ripple the soil to prepare the seed bed for seeding.

The affected area was then seeded, via drill seeder at double the recommended rate, with NMSLO approved Loamy sites seed mixture, free of noxious weeds, on August 29, 2024. The reclaimed areas were also watered to aid in seed germination. The area has also received decent rainfall since remediation and reclamation activities were completed. Photographs of top layer thickness and seeding activities provided in Attachment IV.

After seeding was completed, a berm was constructed along the western and eastern lengths of the affected area in an effort to prevent ponding of water and erosion of the cover material. A berm was also constructed across the edge of the production pad at the northern end of the affected area in an effort to prevent any runoff from the location over the reclaimed area. 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 Grizzly Bear #2H location, nAPP2335450194.

Limitations:

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



Distribution:

Murchison Oil & Gas

5325 Sierra Vista
Carlsbad, NM 88230

New Mexico Energy, Minerals and Natural Resources Department

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

New Mexico State Land Office

602 N. Canal. Suite B
Carlsbad, NM 88220

Figures



Figure 1

Topographic Map
 Murchison Oil & Gas
 Grizzly Bear State Com #2H
 GPS: 32.861346, -104.121321
 Eddy County

Legend:

- Grizzly Bear State Com #2H Location

Drafted: dd
 Checked: bw
 Date: 12/21/23





Figure 2

OSE POD Locations Map
Murchison Oil & Gas
Grizzly Bear State Com #2H
GPS: 32.861346, -104.121321
Eddy County

Legend:

- Grizzly Bear State Com #2H Location



Drafted: dd
Checked: bw
Date: 12/21/23



Figure 3

USGS Well Locations Map
Murchison Oil & Gas
Grizzly Bear State Com #2H
GPS: 32.861346, -104.121321
Eddy County

Legend:

- Grizzly Bear State Com #2H Location

Drafted: dd
Checked: bw
Date: 12/21/23



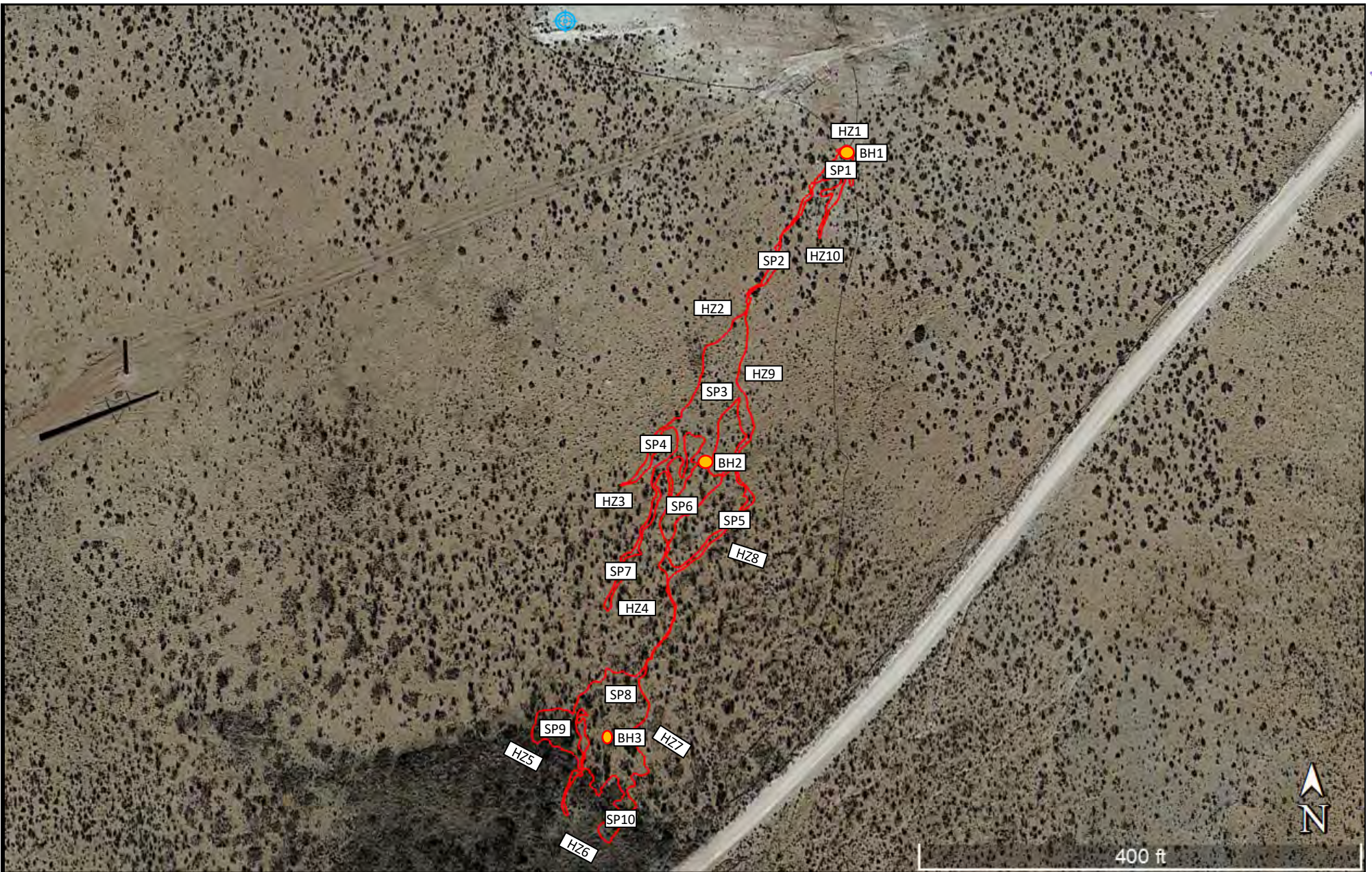


Figure 4

Delineation Sample Map
 Murchison Oil & Gas
 Grizzly Bear State Com #2H
 GPS: 32.861346, -104.121321
 Eddy County

Legend:

- Release Area
- SP1 Delineation Sample Location
- HZ1 Horizontal Sample Location
- ⊕ 105 Foot bgs Depth to Groundwater Test Bore Location - bore was dry
- Sample bore location



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 Date: 3/5/24



Figure 5

Excavation Sample Map
 Murchison Oil & Gas
 Grizzly Bear State Com #2H
 GPS: 32.861346, -104.121321
 Eddy County

Legend:

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

Drafted: dd
 Checked: bw
 Date: 7/25/24





Figure 6
 Excavation Sample Map
 Murchison Oil & Gas
 Grizzly Bear State Com #2H
 GPS: 32.861346, -104.121321
 Eddy County

Legend:

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

Drafted: dd
 Checked: bw
 Date: 7/25/24



The logo for Hungry Horse Environmental & Construction features a stylized 'HH' in the center, surrounded by the text 'HUNGRY HORSE' at the top and 'ENVIRONMENTAL & CONSTRUCTION' at the bottom, all enclosed in a circular border.



Figure 7

Sidewall Sample Map B
 Murchison Oil & Gas
 Grizzly Bear State Com #2H
 GPS: 32.861346, -104.121321
 Eddy County

Legend:

- Excavation Area
- SW1 Composite Confirmation Sample Location

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Figure 8
 Sidewall Sample Map A
 Murchison Oil & Gas
 Grizzly Bear State Com #2H
 GPS: 32.861346, -104.121321
 Eddy County

- Legend:**
- Excavation Area
 - SW1 Composite Confirmation Sample Location

Drafted: dd
 Checked: bw
 Date: 7/25/24



Table

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Grizzly Bear State Com #2H
NMOCD Ref. #: nAPP2335450194

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
SP1	1/2/24	Surf	Excavated	<0.050	<0.300	<50.0	8,770	8,770	3,370	12,140	16,800
	1/29/24	5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,160
SP2	1/2/24	Surf	Excavated	<0.050	<0.300	<50.0	8,790	8,790	3,720	12,510	27,000
	1/29/24	5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,800
SP3	1/2/24	Surf	Excavated	<0.050	<0.300	<50.0	19,100	19,100	7,120	26,220	8,660
	1/29/24	5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,560
SP4	1/2/24	Surf	Excavated	<0.050	1.00	<50.0	12,000	12,000	4,440	16,440	12,800
	1/29/24	5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,440
SP5	1/2/24	Surf	Excavated	<0.050	<0.300	<50.0	16,300	16,300	6,120	22,420	8,130
	1/29/24	5	Excavated	<0.050	<0.300	<10.0	22.5	22.5	<10.0	<30.0	5,760
SP6	1/2/24	Surf	Excavated	<0.050	0.629	<50.0	14,900	14,900	6,210	21,110	8,400
	1/29/24	5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,280
SP7	1/2/24	Surf	Excavated	<0.050	<0.300	97.9	21,000	21,098	5,980	27,078	12,600
	1/29/24	5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,000
SP8	1/2/24	Surf	Excavated	<0.050	<0.300	64.9	27,300	27,365	10,000	37,365	3,840
	1/29/24	5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	17,000
SP9	1/2/24	Surf	Excavated	<0.050	<0.300	144	74,600	74,744	18,600	93,344	12,400
	1/29/24	5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16,400
SP10	1/2/24	Surf	Excavated	<0.050	9.53	570	49,600	50,170	10,900	61,070	23,200
	1/29/24	5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,840
HZ1	1/2/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	1/2/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ2	1/2/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	1/2/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ3	1/2/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	1/2/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ4	1/2/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	1/2/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ5	1/2/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	1/2/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ6	1/2/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	1/2/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ7	1/2/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	1/2/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
HZ8	1/2/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
	1/2/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
HZ9	1/2/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	1/2/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
HZ10	1/2/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	1/2/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ11	1/2/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
	1/2/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
HZ12	1/2/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	1/2/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Grizzly Bear State Com #2H
NMOCD Ref. #: nAPP2335450194

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
HZ13	1/2/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	1/2/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ14	1/2/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	1/2/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ15	1/2/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	1/2/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ16	1/2/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	1/2/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
BH1	3/5/24	40	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
BH2	3/5/24	60	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
BH3	3/5/24	20	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

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TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Grizzly Bear State Com #2H
NMOCD Ref. #: nAPP2335450194

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL1	6/21/24	10.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,920
FL2	6/21/24	10.7	In-Situ	<0.050	<0.300	<10.0	14.4	<20.0	<10.0	<30.0	9,200
FL3	6/21/24	10.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	19,000
FL4	6/21/24	10.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	17,600
FL5	6/21/24	10.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,600
FL6	6/21/24	10.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,280
FL7	6/21/24	10.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,900
FL8	6/21/24	11.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,320
FL9	6/21/24	11.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,200
FL10	6/21/24	10.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,400
FL11	6/21/24	10.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,920
FL12	6/21/24	10.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	11,400
FL13	6/21/24	11.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,600
FL14	6/21/24	11.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,000
FL15	6/21/24	11.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,600
FL16	6/21/24	10.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,100
FL17	6/21/24	10.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,600
FL18	6/21/24	10.9	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,200
FL19	6/21/24	10.9	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,930
FL20	6/21/24	11.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,930
FL21	6/21/24	10.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,060
FL22	6/21/24	10.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,130
FL23	6/21/24	10.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,200
FL24	6/21/24	10.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,000
FL25	6/21/24	10.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,460
FL26	6/21/24	10.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,330
FL27	6/21/24	11.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,000
FL28	6/21/24	11.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,800
FL29	6/21/24	11.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,800
FL30	6/21/24	10.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,300
FL31	6/21/24	10.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,600
FL32	6/21/24	10.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,500
FL33	6/21/24	11.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,500
FL34	6/21/24	11.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,900
FL35	6/21/24	11.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,800
FL36	6/21/24	11.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,300
FL37	6/21/24	11.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,800
FL38	6/21/24	11.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,280
FL39	6/21/24	11.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,520
FL40	6/21/24	10.9	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,800
FL41	6/21/24	11.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,730
FL42	6/21/24	11.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,200
FL43	6/21/24	11.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,400
FL44	6/21/24	10.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,000
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

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TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Grizzly Bear State Com #2H
NMOCD Ref. #: nAPP2335450194

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL45	6/21/24	10.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,800
FL46	6/21/24	10.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,960
FL47	6/21/24	11.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,120
FL48	6/21/24	11.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,560
FL49	6/21/24	11.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,120
FL50	6/21/24	11.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,080
FL51	6/21/24	11.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,600
FL52	6/21/24	11.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,700
FL53	6/21/24	10.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,560
FL54	6/21/24	10.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,480
FL55	6/21/24	10.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,200
FL56	6/21/24	10.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,720
FL57	6/21/24	10.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,640
FL58	6/21/24	10.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,000
FL59	6/21/24	10.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,640
FL60	6/21/24	10.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	800
FL61	6/21/24	10.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,840
FL62	6/21/24	10.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,560
FL63	6/21/24	11.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,560
FL64	6/21/24	12.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,000
FL65	6/21/24	12.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,480
FL66	6/21/24	10.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,960
FL67	6/21/24	10.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,200
FL68	6/21/24	11.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,160
FL69	6/21/24	11.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,080
FL70	6/21/24	12.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL71	6/21/24	12.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,680
FL72	6/21/24	12.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	896
FL73	6/21/24	11.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,600
FL74	6/21/24	12.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,920
FL75	6/21/24	12.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,080
FL76	6/21/24	12.9	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL77	6/21/24	13.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
FL78	6/21/24	11.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	800
FL79	6/21/24	11.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,720
FL80	6/21/24	11.1	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	22,000
FL81	6/21/24	12.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,300
FL82	6/21/24	10.9	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	35,600
FL83	6/21/24	10.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	33,600
FL84	6/21/24	11.3	Excavated	<0.050	<0.300	<10.0	69.3	69.3	42.7	112	32,800
FL85	6/21/24	12.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,800
FL86	6/21/24	11.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16,000
FL87	6/21/24	12.0	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	29,600
FL88	6/21/24	10.9	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,240
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

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TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Grizzly Bear State Com #2H
NMOCD Ref. #: nAPP2335450194

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL89	6/21/24	10.1	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	42,800
FL90	6/21/24	11.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	28,000
FL91	6/21/24	13.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,880
FL92	6/21/24	13.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,800
FL93	6/21/24	12.7	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	23,600
FL94	6/21/24	13.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	19,200
FL95	6/21/24	12.3	Excavated	<0.050	<0.300	<10.0	106	106	29.7	135.7	10,200
FL96	6/21/24	12.6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	20,800
FL97	6/21/24	13.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,600
FL98	6/21/24	10.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,480
FL99	6/21/24	10.2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	24,800
FL100	6/21/24	10.2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	31,600
FL101	6/21/24	12.4	In-Situ	<0.050	<0.300	<10.0	71.3	71.3	16.0	87.3	8,800
FL102	6/21/24	11.3	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	20,000
FL103	6/21/24	10.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,560
FL104	6/21/24	10.9	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,760
FL105	6/21/24	12.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,600
FL106	6/21/24	12.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,840
FL107	6/21/24	10.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,640
FL108	6/21/24	10.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,200
FL109	6/21/24	12.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,200
FL110	6/21/24	12.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,160
FL111	6/21/24	11.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,440
FL112	6/21/24	11.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,640
FL113	6/21/24	11.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,880
FL114	6/21/24	11.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	11,800
FL115	6/21/24	12.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	13,300
FL116	6/21/24	12.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,330
FL117	6/21/24	11.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,280
FL118	6/21/24	11.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	14,500
FL119	6/21/24	11.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,330
FL120	6/21/24	12.0	In-Situ	<0.050	<0.300	<10.0	13.3	<20.0	<10.0	<30.0	5,460
FL121	6/21/24	10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,660
FL122	6/21/24	11.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,960
FL123	6/21/24	11.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,280
FL124	6/21/24	11.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16,800
FL125	6/21/24	10.1	Excavated	<0.050	<0.300	<10.0	887	887	427	1,314	16,000
FL126	6/21/24	11.7	Excavated	<0.050	<0.300	<10.0	141	141	87.4	228.4	9,440
FL127	6/21/24	10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,160
FL128	6/21/24	11.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,280
FL129	6/21/24	11.4	In-Situ	<0.050	<0.300	<10.0	18.9	<20.0	<10.0	<30.0	5,760
FL130	6/21/24	10.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,280
FL131	6/21/24	10.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,500
FL132	6/21/24	10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,680
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Grizzly Bear State Com #2H
NMOCD Ref. #: nAPP2335450194

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL133	6/21/24	11.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	11,900
FL134	6/21/24	11.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,240
FL135	6/21/24	11.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,880
FL136	6/21/24	11.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,280
FL137	6/21/24	10.4	Excavated	<0.050	<0.300	<10.0	136	136	39.0	175	7,280
FL138	6/21/24	11.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,960
FL139	6/21/24	11.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,080
FL140	6/21/24	11.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,200
FL141	6/21/24	12.3	Excavated	<0.050	<0.300	<10.0	132	132	46.9	178.9	7,680
FL142	6/21/24	11.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,960
FL143	6/21/24	11.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,320
FL144	6/21/24	11.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,640
FL145	6/21/24	10.4	Excavated	<0.050	<0.300	<10.0	100	100	37.9	137.9	4,600
FL146	6/21/24	11.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,560
FL147	6/21/24	11.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,040
FL148	6/21/24	10.2	In-Situ	<0.050	<0.300	<10.0	24.8	24.8	<10.0	<30.0	6,400
FL149	6/21/24	12.8	Excavated	<0.050	<0.300	<10.0	112	112	48.3	160.3	5,920
FL150	6/21/24	11.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,320
FL151	6/21/24	11.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,560
FL152	6/21/24	11.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,600
FL153	6/21/24	10.9	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,600
FL154	6/21/24	10.0	In-Situ	<0.050	<0.300	<10.0	13.1	<20.0	<10.0	<30.0	3,360
FL155	6/21/24	10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL156	6/21/24	10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL157	6/21/24	13.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,520
FL158	6/21/24	13.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,560
FL159	6/21/24	12.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,840
FL160	6/21/24	11.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,920
FL161	6/21/24	11.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,240
FL162	6/21/24	10.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,000
FL163	6/21/24	10.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,840
FL164	6/21/24	10.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,520
FL165	6/21/24	10.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,440
FL166	6/21/24	13.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,920
FL167	6/21/24	12.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,960
FL168	6/21/24	11.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,960
FL169	6/21/24	10.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,600
FL170	6/21/24	10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,160
FL171	6/21/24	10.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,360
FL172	6/21/24	10.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,320
FL173	6/21/24	10.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,520
FL174	6/21/24	13.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,920
FL175	6/21/24	12.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,360
FL176	6/21/24	11.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,160
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Grizzly Bear State Com #2H
NMOCD Ref. #: nAPP2335450194

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL177	6/21/24	10.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,320
FL178	6/21/24	11.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,400
FL179	6/21/24	11.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,960
FL180	6/21/24	11.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	14,700
FL181	6/21/24	11.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,200
FL182	6/21/24	10.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,600
FL183	6/21/24	10.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,000
FL184	6/21/24	10.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,360
FL185	6/21/24	10.0	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	23,800
FL186	6/21/24	11.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
FL187	6/21/24	11.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
FL188	6/21/24	10.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
FL189	6/21/24	10.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	688
FL190	6/21/24	10.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	800
FL191	6/21/24	9.2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	30,400
FL192	6/21/24	10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,330
FL193	6/21/24	10.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,530
FL194	6/21/24	10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,660
FL195	6/21/24	10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,660
FL196	6/21/24	10.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,860
FL197	6/21/24	12.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL198	6/21/24	11.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	656
FL199	6/21/24	10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,860
FL200	6/21/24	10.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,400
FL201	6/21/24	10.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,600
FL202	6/21/24	10.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,720
FL203	6/21/24	11.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL204	6/21/24	10.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,720
FL205	6/21/24	10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	13,000
FL206	6/21/24	10.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,100
FL207	6/21/24	10.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	14,700
FL208	6/21/24	10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,530
FL209	6/21/24	10.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	15,100
FL210	6/21/24	10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,760
FL211	6/21/24	10.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,460
FL212	6/21/24	10.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,330
FL213	6/21/24	10.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	13,700
FL214	6/21/24	11.9	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,860
FL215	6/21/24	11.3	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	21,200
FL216	6/21/24	10.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,520
FL217	6/21/24	11.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	14,200
FL218	6/21/24	10.9	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	14,100
FL219	6/21/24	10.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,520
FL220	6/21/24	13.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,600
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Grizzly Bear State Com #2H
NMOCD Ref. #: nAPP2335450194

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL221	6/21/24	11.9	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	21,000
FL222	6/21/24	10.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16,400
FL223	6/21/24	10.9	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,500
FL224	6/21/24	10.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,700
FL225	6/21/24	10.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,260
FL226	6/21/24	10.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,200
FL227	6/21/24	10.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,120
FL228	6/21/24	10.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,480
FL229	6/21/24	10.9	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,600
FL230	6/21/24	10.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,600
FL231	6/21/24	11.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,000
FL232	6/21/24	10.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	15,600
FL233	6/21/24	10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	15,200
FL234	6/21/24	11.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,160
FL235	6/21/24	10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16,800
FL236	6/21/24	10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,280
FL237	6/21/24	10.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,880
FL238	6/21/24	10.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,400
FL239	6/21/24	10.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,800
FL240	6/21/24	10.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,080
FL241	6/21/24	10.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,320
FL242	6/21/24	11.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,480
FL243	6/21/24	10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,200
FL244	6/21/24	10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	11,000
FL245	6/21/24	10.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,600
FL246	6/21/24	10.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	11,300
FL247	6/21/24	10.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,330
FL248	6/21/24	10.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,660
FL249	6/21/24	10.0	In-Situ	<0.050	<0.300	<10.0	12.5	<20.0	<10.0	<30.0	12,400
FL250	6/21/24	10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	11,100
FL251	6/21/24	10.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,730
SW1	6/21/24	0-10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW2	6/21/24	0-10.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW3	6/21/24	0-10.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW4	6/21/24	0-10.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW5	6/21/24	0-10.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW6	6/21/24	0-10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW7	6/21/24	0-10.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW8	6/21/24	0-10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW9	6/21/24	0-10.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW10	6/21/24	0-10.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW11	6/21/24	0-10.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW12	6/21/24	0-10.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW13	6/21/24	0-10.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Grizzly Bear State Com #2H
NMOCD Ref. #: nAPP2335450194

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
SW14	6/21/24	0-10.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW15	6/21/24	0-10.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW16	6/21/24	0-11.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW17	6/21/24	0-10.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW18	6/21/24	0-10.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW19	6/21/24	0-11.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW20	6/21/24	0-10.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW21	6/21/24	0-10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW22	6/21/24	0-10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW23	6/21/24	0-12.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW24	6/21/24	0-10.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW25	6/21/24	0-11.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW26	6/21/24	0-10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW27	6/21/24	0-10.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW28	6/21/24	0-10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW29	6/21/24	0-10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW30	6/21/24	0-10.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW31	6/21/24	0-10.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW32	6/21/24	0-11.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW33	6/21/24	0-10.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW34	6/21/24	0-12.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW35	6/21/24	0-12.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW36	6/21/24	0-10.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW37	6/21/24	0-10.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW38	6/21/24	0-10.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW39	6/21/24	0-10.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW40	6/21/24	0-11.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW41	6/21/24	0-11.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW42	6/21/24	0-11.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW43	6/21/24	0-11.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW44	6/21/24	0-11.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW45	6/21/24	0-10.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW46	6/21/24	0-10.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW47	6/21/24	0-10.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW48	6/21/24	0-10.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW49	6/21/24	0-10.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW50	6/21/24	0-11.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW51	6/21/24	0-10.9	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW52	6/21/24	0-10.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW53	6/21/24	0-10.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW54	6/21/24	0-10.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW55	6/21/24	0-10.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW56	6/21/24	0-10.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW57	6/21/24	0-10.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Grizzly Bear State Com #2H
NMOCD Ref. #: nAPP2335450194

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
SW58	6/21/24	0-10.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW59	6/21/24	0-10.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW60	6/21/24	0-10.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW61	6/21/24	0-10.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW62	6/21/24	0-10.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW63	6/21/24	0-10.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW64	6/21/24	0-10.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW65	6/21/24	0-10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW66	6/21/24	0-12.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW67	6/21/24	0-10.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW68	6/21/24	0-10.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW69	6/21/24	0-10.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW70	6/21/24	0-10.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW71	6/21/24	0-11.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW72	6/21/24	0-12.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW73	6/21/24	0-12.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW74	6/21/24	0-12.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW75	6/21/24	0-12.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW76	6/21/24	0-12.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW77	6/21/24	0-12.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW78	6/21/24	0-10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW79	6/21/24	0-10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW80	6/21/24	0-10.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW81	6/21/24	0-10.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW82	6/21/24	0-10.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW83	6/21/24	0-10.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW84	6/21/24	0-10.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW85	6/21/24	0-10.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW86	6/21/24	0-10.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW87	6/21/24	0-10.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW88	6/21/24	0-10.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW89	6/21/24	0-10.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW90	6/21/24	0-10.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW91	6/21/24	0-11.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW92	6/21/24	0-11.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW93	6/21/24	0-10.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW94	6/21/24	0-10.9	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW95	6/21/24	0-10.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW96	6/21/24	0-11.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW97	6/21/24	0-10.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW98	6/21/24	0-10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW99	6/21/24	0-10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW100	6/21/24	0-12.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW101	6/21/24	0-12.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Grizzly Bear State Com #2H
NMOCD Ref. #: nAPP2335450194

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
SW102	6/21/24	0-11.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW103	6/21/24	0-11.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW104	6/21/24	0-11.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW105	6/21/24	0-10.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
PL1A	6/21/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
PL1B	6/21/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
PL1C	6/21/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
PL1D	6/21/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
PL1E	6/21/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
PL1F	6/21/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
PL1G	6/21/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
PL1H	6/21/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
PL1I	6/21/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
PL1J	6/21/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
PL2A	6/21/24	4-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
PL2B	6/21/24	4-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
PL2C	6/21/24	4-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
PL2D	6/21/24	4-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
PL2E	6/21/24	4-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
PL2F	6/21/24	4-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
PL2G	6/21/24	4-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
PL2H	6/21/24	4-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
PL2I	6/21/24	4-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
PL2J	6/21/24	4-8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
PL3A	6/21/24	8-11	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
PL3B	6/21/24	8-11	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
PL3C	6/21/24	8-10.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
PL3D	6/21/24	8-10.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
PL3E	6/21/24	8-10.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
PL3F	6/21/24	8-10.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
PL3G	6/21/24	8-11.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
PL3H	6/21/24	8-11.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
PL3I	6/21/24	8-11.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
PL3J	6/21/24	8-11.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
Topsoil	7/24/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
Caliche	7/24/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Grizzly Bear State Com #2H
NMOCD Ref. #: nAPP2335450194

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL80b	7/26/24	12.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,680
FL82b	7/26/24	11.9	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496
FL83b	7/26/24	11.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,960
FL84b	7/26/24	12.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,240
FL87b	7/26/24	13.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,760
FL89b	7/26/24	11.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,390
FL90b	7/26/24	12.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,440
FL93b	7/26/24	13.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480
FL95b	7/26/24	13.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL96b	7/26/24	13.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,800
FL99b	7/26/24	11.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496
FL100b	7/26/24	11.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	832
FL102b	7/26/24	12.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,520
FL125b	7/26/24	11.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,280
FL126b	7/26/24	12.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL137b	7/26/24	11.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,640
FL141b	7/26/24	13.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL145b	7/26/24	11.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,680
FL149b	7/26/24	13.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,440
FL185b	7/26/24	11.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,320
FL191b	7/26/24	10.2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,400
FL215b	7/26/24	12.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,040
FL221b	7/26/24	12.9	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,120
SW16b	7/26/24	11.3-12.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
SW32b	7/26/24	11.3-12.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
SW34b	7/26/24	12.6-13.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
SW36b	7/26/24	10.5-11.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
SW63b	7/26/24	10.5-11.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
SW64b	7/26/24	10.5-11.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
SW65b	7/26/24	10.1-11.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
SW66b	7/26/24	12.7-13.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
SW73b	7/26/24	12.3-13.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
SW74b	7/26/24	12.3-13.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
SW75b	7/26/24	12.8-13.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
SW100b	7/26/24	12.6-13.6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
SW101b	7/26/24	12.3-13.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
SW104b	7/26/24	11.7-12.7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
SW105b	7/26/24	10.1-11.1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
RC1	7/26/24	11.8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,360
RC2	7/26/24	12.0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,840
BF1	7/26/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
BF2	7/26/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
SW59B	8/2/24	0-10.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
SW60B	8/2/24	0-10.3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

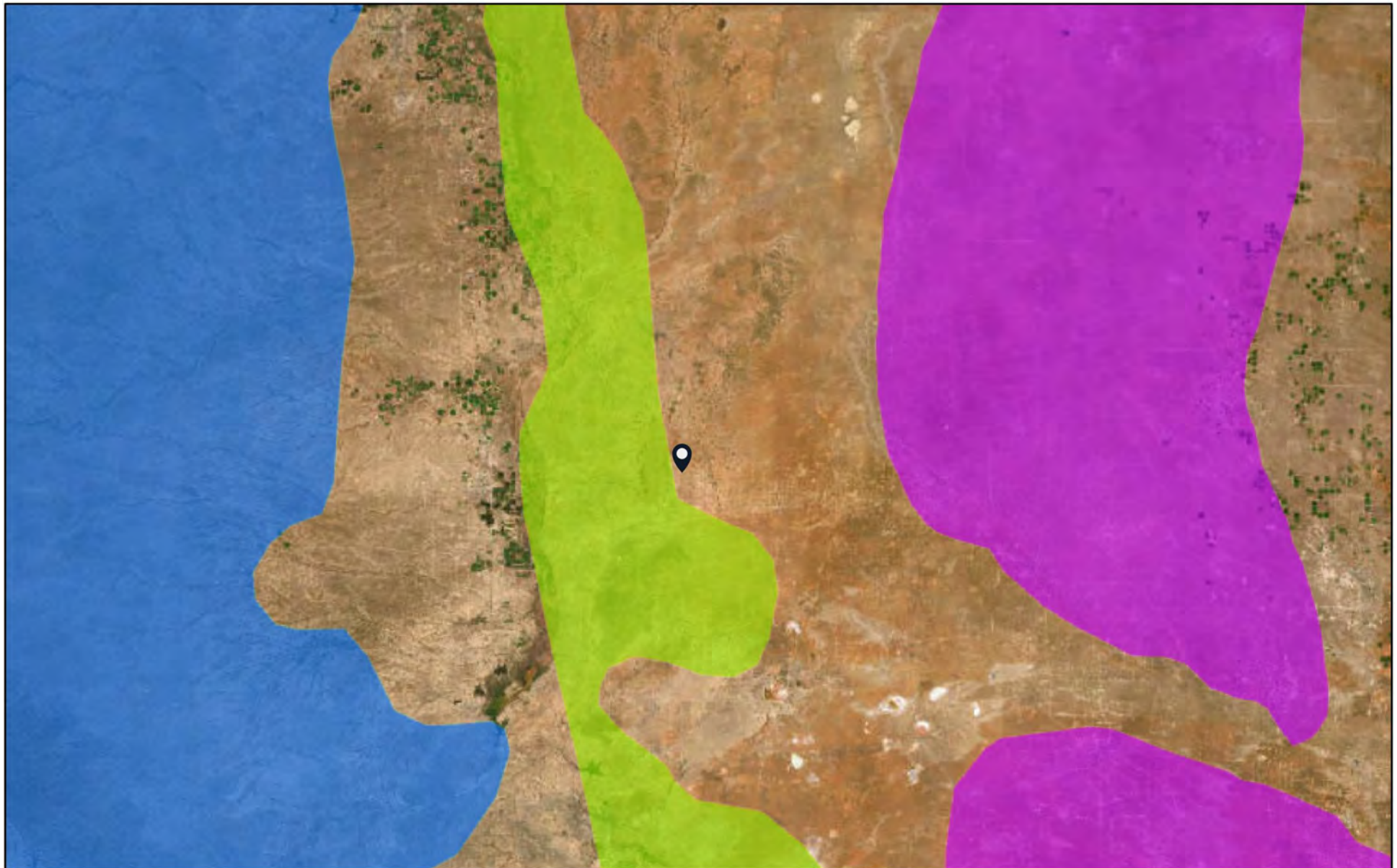
NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

Attachment I
Karst, Wetland, and Soil Maps

Grizzly Bear State Com #2H



12/21/2023

Karst Type

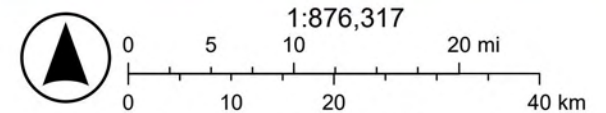
- Carbonate
- Erosional
- Gypsum

- Volcanic
- World Imagery
- Low Resolution 15m Imagery
- High Resolution 60cm Imagery

High Resolution 30cm Imagery

Citations

150m Resolution Metadata



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



Grizzly Bear State Com #2H



December 21, 2023

Wetlands

- Estuarine and Marine Deepwater
- Freshwater Emergent Wetland
- Lake
- Estuarine and Marine Wetland
- Freshwater Forested/Shrub Wetland
- Other
- Freshwater Pond
- Riverine

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

Soil Map—Eddy Area, New Mexico
(Grizzly Bear State Com #2H)

104° 8' 40" W

104° 6' 13" W

32° 52' 15" N

32° 52' 15" N

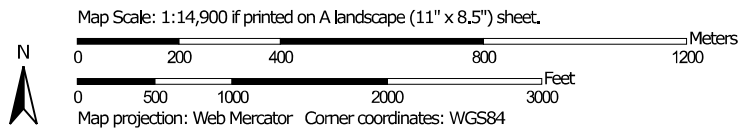


32° 51' 7" N

32° 51' 7" N

104° 8' 19" W


104° 6' 13" W



Soil Map—Eddy Area, New Mexico
(Grizzly Bear State Com #2H)

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 19, Sep 7, 2023

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

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

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

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KT	Kimbrough-Stegall loams, 0 to 3 percent slopes	68.9	6.3%
LN	Largo-Stony land complex, 0 to 25 percent slopes	615.5	56.5%
SG	Simona gravelly fine sandy loam, 0 to 3 percent slopes	313.9	28.8%
SM	Simona-Bippus complex, 0 to 5 percent slopes	1.6	0.2%
SR	Stony and Rough broken land	88.6	8.1%
Totals for Area of Interest		1,088.7	100.0%

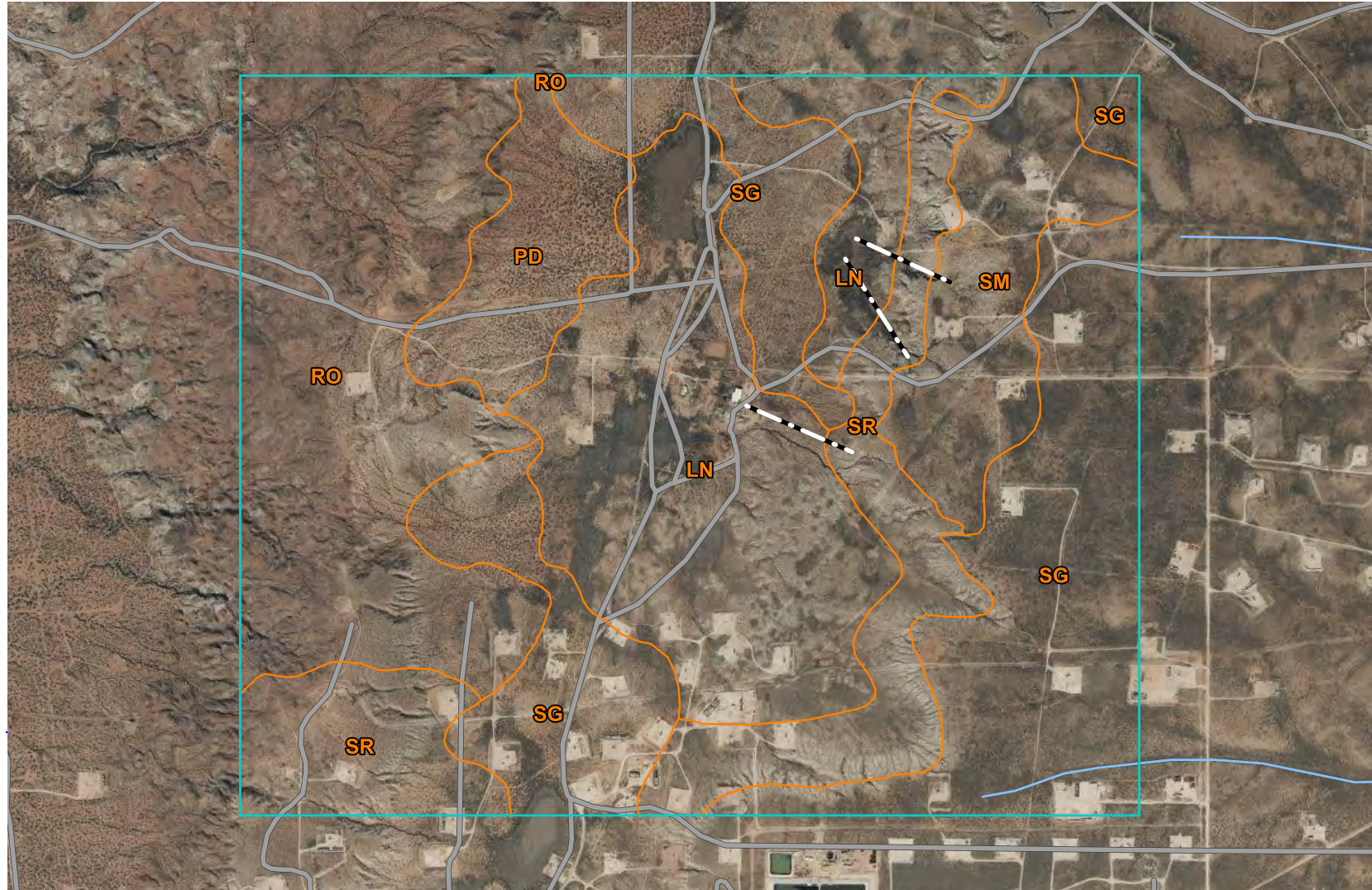
Soil Map—Eddy Area, New Mexico
(Grizzly Topsoil Pit)

104° 9' 59" W

104° 6' 54" W

32° 51' 15" N

32° 51' 15" N

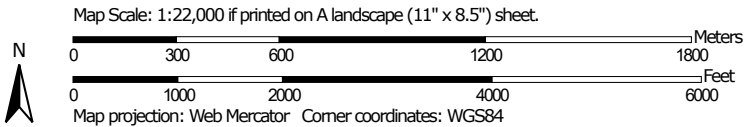


32° 49' 34" N

32° 49' 34" N

104° 9' 59" W


104° 6' 54" W



Soil Map—Eddy Area, New Mexico
(Grizzly Topsoil Pit)

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)




















Soils







 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features






-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features

Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

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

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

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 19, Sep 7, 2023

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

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

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

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
LN	Largo-Stony land complex, 0 to 25 percent slopes	464.8	22.8%
PD	Pajarito-Dune land complex, 0 to 3 percent slopes	114.9	5.6%
RO	Rock land	440.5	21.6%
SG	Simona gravelly fine sandy loam, 0 to 3 percent slopes	577.3	28.3%
SM	Simona-Bippus complex, 0 to 5 percent slopes	162.9	8.0%
SR	Stony and Rough broken land	281.5	13.8%
Totals for Area of Interest		2,041.8	100.0%

Map Unit Description: Largo-Stony land complex, 0 to 25 percent slopes---Eddy Area, New Mexico

Grizzly Bear State Com #2H

Eddy Area, New Mexico

LN—Largo-Stony land complex, 0 to 25 percent slopes

Map Unit Setting

National map unit symbol: 1w50

Elevation: 2,000 to 5,700 feet

Mean annual precipitation: 6 to 14 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 260 days

Farmland classification: Not prime farmland

Map Unit Composition

Largo and similar soils: 41 percent

Stony land: 40 percent

Minor components: 19 percent

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

Description of Largo

Setting

Landform: Plains, alluvial fans

Landform position (three-dimensional): Talf, rise

Down-slope shape: Convex, linear

Across-slope shape: Linear

Parent material: Calcareous alluvium

Typical profile

H1 - 0 to 4 inches: loam

H2 - 4 to 47 inches: silt loam

H3 - 47 to 65 inches: loam

Properties and qualities

Slope: 1 to 5 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water

(Ksat): Moderately high (0.20 to 0.60 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Available water supply, 0 to 60 inches: High (about 10.0 inches)

Interpretive groups

Land capability classification (irrigated): 3e

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: B

Map Unit Description: Largo-Stony land complex, 0 to 25 percent slopes---Eddy Area, New Mexico

Grizzly Bear State Com #2H

Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Minor Components

Simona

Percent of map unit: 7 percent
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Largo

Percent of map unit: 6 percent
Ecological site: R070BC017NM - Bottomland
Hydric soil rating: No

Pajarito

Percent of map unit: 6 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 19, Sep 7, 2023

Attachment II NMOCD Correspondence

Daniel Dominguez

From: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Sent: Monday, May 6, 2024 9:33 AM
To: Cindy Cottrell
Cc: Greg Boans; Daniel Dominguez; Rusty Cooper; Smith, Cory, EMNRD; Romero, Rosa, EMNRD; Powell, Brandon, EMNRD; Bratcher, Michael, EMNRD; Moander, Chris, EMNRD
Subject: RE: [EXTERNAL] Grizzly Bear 2H (nAPP2335450194) Off-Site Disposal Facility Change Request

Cindy,

The change is approved.

The closure report will need to include the final version of the C-138 (Request for Approval to Accept Solid Waste) OR a copy of all the final haul tickets/waste manifests. Also include a copy of this email in the closure reports.

When the closure report is submitted, the remediation plan section of the C-141 will be automatically imported into the application. The disposal facility under the remediation plan will need to be updated to the new disposal facility at the time of the closure report submittal.

Thank you,

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

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From: Cindy Cottrell <ccottrell@jdmii.com>
Sent: Monday, May 6, 2024 9:30 AM
To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Cc: Greg Boans <gboans@jdmii.com>; Daniel Dominguez <ddominguez@hungry-horse.com>; Rusty Cooper <rcooper@jdmii.com>; Smith, Cory, EMNRD <cory.smith@emnrd.nm.gov>; Romero, Rosa, EMNRD <RosaM.Romero@emnrd.nm.gov>; Powell, Brandon, EMNRD <Brandon.Powell@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Moander, Chris, EMNRD <Chris.Moander@emnrd.nm.gov>
Subject: [EXTERNAL] Grizzly Bear 2H (nAPP2335450194) Off-Site Disposal Facility Change Request

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

Good morning,

We would like to change the off-site disposal from Lee Land (fEEM0112342028) to R360 Artesia LLC Landfarm (fEEM0112340644) located in Unit A, Sec. 7, T17S R32E, Maljamar, Lea County.

Excavation will be starting tomorrow. Please let us know if we have approval for this change.

Thank you,



Cindy Cottrell
Regulatory Coordinator & Corporate Secretary
7250 Dallas Parkway, Suite 1400
Plano, TX 75024
Direct Line: 469-573-6413

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720
District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 355733

QUESTIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 355733
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2335450194
Incident Name	NAPP2335450194 GRIZZLY BEAR STATE COM 2H @ 30-015-40042
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved
Incident Well	[30-015-40042] GRIZZLY BEAR STATE COM #002H

Location of Release Source	
Site Name	GRIZZLY BEAR STATE COM 2H
Date Release Discovered	12/20/2023
Surface Owner	State

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	50,200
What is the estimated number of samples that will be gathered	354
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/21/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Jerry Heidelberg, 575-390-3639
Please provide any information necessary for navigation to sampling site	32.861346, -104.121321

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CONDITIONS

Action 355733

CONDITIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 355733
	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.	6/19/2024

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QUESTIONS

Action 366573

QUESTIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 366573
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2335450194
Incident Name	NAPP2335450194 GRIZZLY BEAR STATE COM 2H @ 30-015-40042
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved
Incident Well	[30-015-40042] GRIZZLY BEAR STATE COM #002H

Location of Release Source	
Site Name	GRIZZLY BEAR STATE COM 2H
Date Release Discovered	12/20/2023
Surface Owner	State

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	4,600
What is the estimated number of samples that will be gathered	38
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/26/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Jerry Heidelberg 575-390-3639
Please provide any information necessary for navigation to sampling site	32.861346, -104.121321

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Santa Fe, NM 87505

CONDITIONS
 Action 366573

CONDITIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 366573
	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.	7/23/2024

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

QUESTIONS

Action 368934

QUESTIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 368934
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2335450194
Incident Name	NAPP2335450194 GRIZZLY BEAR STATE COM 2H @ 30-015-40042
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved
Incident Well	[30-015-40042] GRIZZLY BEAR STATE COM #002H

Location of Release Source	
Site Name	GRIZZLY BEAR STATE COM 2H
Date Release Discovered	12/20/2023
Surface Owner	State

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	400
What is the estimated number of samples that will be gathered	2
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/02/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Jerry Heidelberg 575-390-3639
Please provide any information necessary for navigation to sampling site	32.861346, -104.121321

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CONDITIONS
 Action 368934

CONDITIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 368934
	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.	7/31/2024

Daniel Dominguez

From: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Sent: Thursday, July 18, 2024 1:48 PM
To: Daniel Dominguez
Cc: Greg Boans; Cindy Cottrell; Smith, Cory, EMNRD; Moander, Chris, EMNRD; Powell, Brandon, EMNRD; Romero, Rosa, EMNRD; Bratcher, Michael, EMNRD; tknight; Griffin, Becky R.; wbarnes
Subject: RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has approved the application, Application ID: 322005

Daniel,

OCD will approve the placement of a geosynthetic clay liner in the base of the excavation with the following conditions:

- All soils that exhibit TPH concentrations of above the 100 mg/kg closure standard for the site must be remediated to concentrations at or below 100 mg/kg TPH. Additional confirmation/final samples must be collected from these areas prior to installing the liner.
- All soils that exhibit chloride concentrations above 20,000 mg/kg must be remediated to concentrations at or below 20,000 mg/kg for chloride. Additional confirmation/final samples must be collected from these areas prior to installing the liner.
- Additional confirmation/final samples must be collected from the walls if excavation of the base areas above 100 mg/kg TPH and/or 20,000 mg/kg chloride expose additional soil on the walls that are not represented in the current wall confirmation/final samples or if the wall sample is extended to larger than 200 square feet.
- Wall samples must meet the most stringent closure criteria found on Table I of 19.15.29 NMAC.
- Pursuant to 19.15.29.12D.(1)(a) NMAC, OCD must be notified at least two business days prior to collecting confirmation/final samples.
- All confirmation/final samples must be five-point composite samples representative of no more than 200 square feet.
- All additional confirmation/final samples must be analyzed for all constituents found on Table I of 19.15.29 NMAC.
- Per Table 1, Summary of Soil Sample Laboratory Analytical Results provided in the email dated 7/1/2024, the entire excavation depth was indicated to be 10 feet below ground surface. Based on the pictures provided in the email dated 7/9/2024 and findings during a field inspection performed by the OCD on 7/17/2024, the base of the excavation has variable depths. OCD observed that the depth of the excavation varied between approximately 7 feet deep to approximately 12 feet deep. OCD requires actual field measured/surveyed final depths of the excavation be correctly depicted on Table 1, Summary of Soil Sample Laboratory Analytical Results, all sampling diagrams/maps, and any additional locations that it may need to be included in the Remediation Closure Report.
- GPS coordinates will need to be collected from the perimeter of the excavation/liner perimeter to document the location of the liner.
- The liner must be installed at least 10 feet deep. Multiple photographs must be taken before, during, and after the installation of the liner to show that the entirety of the contamination left in place will be covered by the liner.
- Approval must also be obtained from the surface owner (SLO) prior to implementing any of the above. Murchison must communicate any additional conditions from the landowner to the OCD.
- A copy of this email with all parties' approvals must be included in the Remediation Closure Report.

Be advised that these conditions are an addition to the conditions of approval for the remediation plan that can be found in this email chain and under application ID 322005. All conditions of approval must be met.

Please let me know if you have any questions or require any additional information.

Thank you,
Brittany Hall ● Environmental Specialist

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

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From: Daniel Dominguez <ddominguez@hungry-horse.com>
Sent: Tuesday, July 9, 2024 3:19 PM
To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Cc: Greg Boans <gboans@jdmii.com>; Cindy Cottrell <ccottrell@jdmii.com>
Subject: RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has approved the application, Application ID: 322005

Brittany,

Attached are the Sample Maps and Photos you requested.

Thank you,

Daniel Dominguez
Environmental Manager
Hungry Horse, LLC
(m) 575-408-3134
ddominguez@hungry-horse.com

From: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Sent: Tuesday, July 2, 2024 8:09 AM
To: Daniel Dominguez <ddominguez@hungry-horse.com>
Subject: RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has approved the application, Application ID: 322005

Good morning Daniel,

Can you please provide the site map and some pictures of the excavation for review?

Thank you,

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

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From: Daniel Dominguez <ddominguez@hungry-horse.com>
Sent: Monday, July 1, 2024 4:16 PM

To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>

Subject: [EXTERNAL] RE: The Oil Conservation Division (OCD) has approved the application, Application ID: 322005

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

Brittany,

I have attached an analytical table listing the laboratory data for the closure samples collected from the Grizzly Bear #2H location. As you can see the floor of the excavation is still mostly contaminated with chlorides; a few spots TPH was over the closure criteria as well. The sidewalls are all below the closure criteria. The samples label PL1A – PL3J are extra samples of the sidewalls in the playa portion of the excavation requested by the SLO. They requested each soil layer be sampled.

Some of the excavation floor samples are over 20,000 ppm, a lot are over 10,000 ppm, and most are over 600 ppm chlorides. The area is Karst but we encountered no karst features while excavating. Depth to groundwater is over 100 feet. Would the OCD consider liners for all or part of the excavation? Or do I need to just write up a closure plan seeking a variance for either a liner, or leaving the chlorides in-situ, and backfilling?

Thank you,

Daniel Dominguez
Environmental Manager
Hungry Horse, LLC
(m) 575-408-3134
ddominguez@hungry-horse.com

From: Cindy Cottrell <ccottrell@jdmii.com>

Sent: Monday, April 29, 2024 3:32 PM

To: Rusty Cooper <rcooper@jdmii.com>; Greg Boans <gboans@jdmii.com>; Daniel Dominguez <ddominguez@hungry-horse.com>

Cc: Luke Pumphrey <lpumphrey@jdmii.com>

Subject: FW: The Oil Conservation Division (OCD) has approved the application, Application ID: 322005

Grizzly Bear 2H plan approved, but variance for liner denied. May consider a liner below 10' after sampling (see below).

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

Sent: Monday, April 29, 2024 4:25 PM

To: Cindy Cottrell <ccottrell@jdmii.com>

Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 322005

To whom it may concern (c/o Cindy Cottrell for Murchison Oil and Gas, LLC),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2335450194, with the following conditions:

- **Remediation plan approved with conditions.**

- The release is located in a High Karst Potential Occurrence Zone and must be closed to most stringent closure criteria.
- **OCD will not consider a liner variance request at this time.** Due to the erosional features apparent on the figures and Google Earth aerials, **OCD will require the excavation to be completed to a minimum of 10 feet below ground surface (bgs).** The base will need to be reassessed with the confirmation sample data and if a liner is deemed necessary in certain areas, a variance will need to be proposed at that time. Shallower areas that have soil confirmation laboratory analytical results that meet the most stringent closure criteria will not require a variance request.
- Confirmation samples must be collected from the base and sidewalls of the remedial excavation. Confirmation samples must be representative of no more than 200 square feet.
- The site will need to be reclaimed at time of remediation as it is in an area considered not reasonably needed for production or subsequent drilling activities. The reclamation can be submitted with OR separately from the Remediation Closure Report.
- The reclamation report will need to include the executive summary of the reclamation activities; scaled site map including sampling locations; analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; at least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.
- Pursuant to 19.15.29.12 D.(1)(a) NMAC, ensure the C-141N (Notification of Sampling) application is completed on the OCD Permitting website at least 2 business days prior to collecting remediation confirmation samples.
- Approval of this C-141 remediation plan is only applicable for incident nAPP2335450194 and is not applicable to any other incident number.
- The approval of this 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.
- A complete remediation closure report and/or reclamation report pursuant to 19.15.29 NMAC will need to be submitted by 7/29/2024. Failure to submit a complete remediation closure report and/or reclamation report by 7/29/2024 is subject to compliance and enforcement penalties pursuant to 19.15.5 NMAC.

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,
Brittany Hall
Projects Environmental Specialist - A
505-517-5333
Brittany.Hall@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive

Santa Fe, NM 87505

Daniel Dominguez

From: David, Deon W. <ddavid@slo.state.nm.us>
Sent: Tuesday, August 6, 2024 8:54 AM
To: Brittany.Hall@emnrd.nm.gov; Bratcher, Michael, EMNRD; Daniel Dominguez
Cc: SLO Surface ECO; Greg Boans; toby@trammellconsultinginc.com
Subject: RE: Grizzly Liner Installation - Review ASAP Please

All,

The information provided aligns with the observations made during the onsite sampling event on 07/26/24. Consequently, the Environmental Compliance Office (ECO) approves moving forward with the proposed liner installation at Murchison - Grizzly Bear State Com #2H.

Thank you,

Environmental Compliance Office

Surface Resources Division

eco@slo.state.nm.us

nmstatelands.org

.....



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From: Knight, Tami C. <tknight@slo.state.nm.us>
Sent: Tuesday, August 6, 2024 7:06 AM
To: Barnes, Will <wbarnes@slo.state.nm.us>; Griffin, Becky R. <bgriffin@slo.state.nm.us>; David, Deon W. <ddavid@slo.state.nm.us>
Subject: Grizzly Liner Installation - Review ASAP Please

Deon

Since you visited this location and witnessed the sampling, what do you think about the information presented in this email? If you do not have any concerns will you please let Brittany know? Thanks! Also, if you do not have any concerns will you please respond to the email chain below that ECO approves proceeding with the liner install?

Thanks so much!

Tami

From: Daniel Dominguez <ddominguez@hungry-horse.com>
Sent: Monday, August 5, 2024 3:55 PM

To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Knight, Tami C. <tknight@slo.state.nm.us>

Cc: Greg Boans <Greg Boans <gboans@jdmii.com>>; Toby Trammell <toby@trammellconsultinginc.com>

Subject: [EXTERNAL] Grizzly Liner Installation

Brittany,

Attached for your review is the analytical data and Analytical Table showing corrected sample depths and analytical data from the additional closure samples collected from the sample areas with chloride over 20,000 ppm and/or TPH over 100. Also listed are sample data from the topsoil and caliche pits. The samples labeled RC1 and RC2 are samples collected from the area underneath a ramp that was installed to remove the additional excavated soil from the samples areas with chloride over 20,000 ppm and/or TPH over 100. We had a ramp that was removed before the initial closure samples were collected, then installed another ramp with clean topsoil to get the equipment into the excavation to excavate the areas with chloride over 20,000 ppm and/or TPH over 100. After that excavated soil was removed, the new ramp was also then removed. When the additional closure samples were collected, the area where the ramp had been located, FL65 and FL73, was also sampled. The sidewall associated with the ramp was sampled on 8/2/24. Analytical results have not been received as of this email. The samples labeled BF1 and BF2 are additional samples collected from the backfill pit, as they didn't realize I had already collected samples from the backfill pit.

Also attached are maps depicting the areas excavated and sampled.

We are requesting written permission, based on this data, to proceed with installation of the geo-synthetic liners. All sample areas are below 20,000 ppm chloride and 100 ppm TPH. The entire excavation is ten feet deep or deeper. The liners have been delivered to the location and are ready to be installed.

Respectfully,

Daniel Dominguez
Environmental Manager
Hungry Horse, LLC
(m) 575-408-3134
ddominguez@hungry-horse.com

Daniel Dominguez

From: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Sent: Thursday, August 8, 2024 10:00 AM
To: Cindy Cottrell; Daniel Dominguez
Cc: Greg Boans; Smith, Cory, EMNRD; Bratcher, Michael, EMNRD; Romero, Rosa, EMNRD; Powell, Brandon, EMNRD; Moander, Chris, EMNRD; toby@trammellconsultinginc.com; tknight; David, Deon W.
Subject: RE: [EXTERNAL] Grizzly Bear State Com 2H nAPP2335450194 - Request to Proceed with Liner Installation

Daniel and Cindy,

OCD approves the installation of the geo-synthetic liner. Ensure that all conditions of approval sent July 18, 2024, are met.

Please include a copy of all emails that pertain to the liner installation in the remediation closure report.

Thank you,

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

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From: Cindy Cottrell <ccottrell@jdmii.com>
Sent: Tuesday, August 6, 2024 3:19 PM
To: Smith, Cory, EMNRD <cory.smith@emnrd.nm.gov>
Cc: Greg Boans <gboans@jdmii.com>; Daniel Dominguez <ddominguez@hungry-horse.com>; Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Subject: [EXTERNAL] Grizzly Bear State Com 2H nAPP2335450194 - Request to Proceed with Liner Installation

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

Hi Cory,

I received an out of office email reply from Brittany saying to contact you for assistance while she is out. Can you please review the request to proceed with liner installation (see below and attached). We received SLO approval today.

Thank you,

Cindy

From: Daniel Dominguez <ddominguez@hungry-horse.com>
Sent: Monday, August 5, 2024 3:55 PM
To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Knight,

Tami C. <tknight@slo.state.nm.us>

Cc: Greg Boans <gboans@jdmii.com>; toby@trammellconsultinginc.com

Subject: Grizzly Liner Installation

Brittany,

Attached for your review is the analytical data and Analytical Table showing corrected sample depths and analytical data from the additional closure samples collected from the sample areas with chloride over 20,000 ppm and/or TPH over 100. Also listed are sample data from the topsoil and caliche pits. The samples labeled RC1 and RC2 are samples collected from the area underneath a ramp that was installed to remove the additional excavated soil from the samples areas with chloride over 20,000 ppm and/or TPH over 100. We had a ramp that was removed before the initial closure samples were collected, then installed another ramp with clean topsoil to get the equipment into the excavation to excavate the areas with chloride over 20,000 ppm and/or TPH over 100. After that excavated soil was removed, the new ramp was also then removed. When the additional closure samples were collected, the area where the ramp had been located, FL65 and FL73, was also sampled. The sidewall associated with the ramp was sampled on 8/2/24. Analytical results have not been received as of this email. The samples labeled BF1 and BF2 are additional samples collected from the backfill pit, as they didn't realize I had already collected samples from the backfill pit.

Also attached are maps depicting the areas excavated and sampled.

We are requesting written permission, based on this data, to proceed with installation of the geo-synthetic liners. All sample areas are below 20,000 ppm chloride and 100 ppm TPH. The entire excavation is ten feet deep or deeper. The liners have been delivered to the location and are ready to be installed.

Respectfully,

Daniel Dominguez
Environmental Manager
Hungry Horse, LLC
(m) 575-408-3134
ddominguez@hungry-horse.com

Daniel Dominguez

From: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Sent: Wednesday, August 28, 2024 1:10 PM
To: Cindy Cottrell
Cc: Daniel Dominguez; Greg Boans; Rusty Cooper; Powell, Brandon, EMNRD; Moander, Chris, EMNRD; Peta Maree Pogue; Bratcher, Michael, EMNRD; Romero, Rosa, EMNRD; tknight; David, Deon W.; bgriffin@slo.state.nm.us; Smith, Cory, EMNRD
Subject: RE: [EXTERNAL] Grizzly Bear State Com 2H nAPP2335450194 - Closure Report Extension Request

Cindy,

OCD approves the extension request. The new due date for the report is 9/6/2024.

Please include a copy of this email in the report.

Thank you,

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

Please be advised that the new Digital C-141 is live as of December 1, 2023. Please review the new Digital C-141 submission Dec 1, 2023 Guidance document posted on the EMNRD Website prior to submitting any C-141s. The guidance documents can be found at <https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/> or <https://www.emnrd.nm.gov/ocd/ocd-forms/>.

From: Cindy Cottrell <ccottrell@jdmii.com>
Sent: Wednesday, August 28, 2024 12:31 PM
To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Cc: Daniel Dominguez <ddominguez@hungry-horse.com>; Greg Boans <gboans@jdmii.com>; Rusty Cooper <rcooper@jdmii.com>; Powell, Brandon, EMNRD <Brandon.Powell@emnrd.nm.gov>; Moander, Chris, EMNRD <Chris.Moander@emnrd.nm.gov>; Peta Maree Pogue <pmpogue@jdmii.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Romero, Rosa, EMNRD <RosaM.Romero@emnrd.nm.gov>; tknight <tknight@slo.state.nm.us>; David, Deon W. <ddavid@slo.state.nm.us>; bgriffin@slo.state.nm.us; Smith, Cory, EMNRD <cory.smith@emnrd.nm.gov>
Subject: [EXTERNAL] Grizzly Bear State Com 2H nAPP2335450194 - Closure Report Extension Request

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

Brittany,

The Closure Report for Grizzly Bear 2H is due tomorrow, 8/29/2024. The reclamation and remediation is almost complete, but we need to finish the erosion control measures and seeding. May we please have an extension until the end of next week to get the report submitted?

Thank you for your consideration.



Cindy Cottrell
Regulatory Coordinator & Corporate Secretary
7250 Dallas Parkway, Suite 1400
Plano, TX 75024
Direct Line: 469-573-6413

Attachment III

Depth to Groundwater



New Mexico Office of the State Engineer
Wells with Well Log Information

No wells found.

UTMNA83 Radius Search (in meters):

Easting (X): 582212

Northing (Y): 3636258

Radius: 805

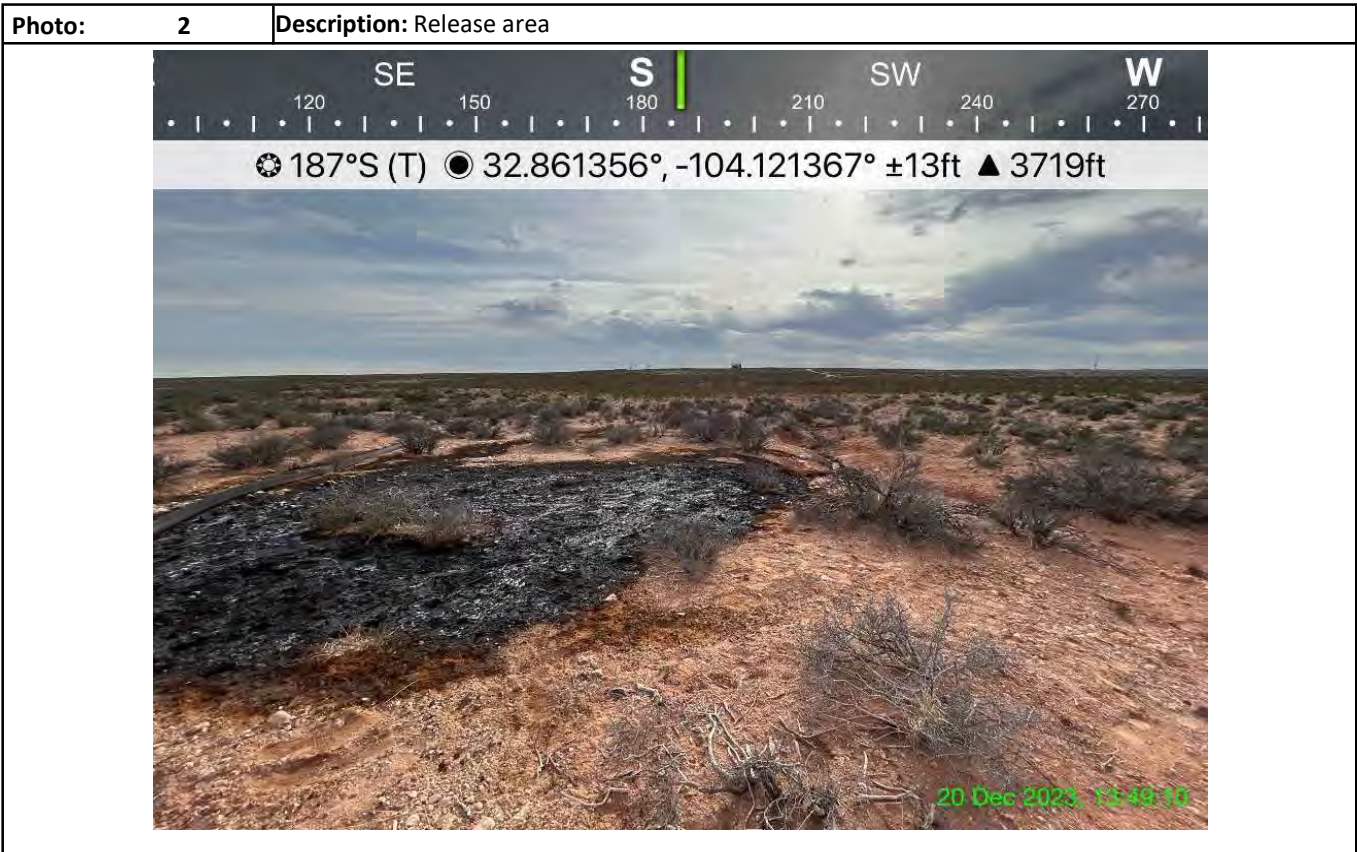
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for particular purpose of the data.

12/21/23 11:27 AM

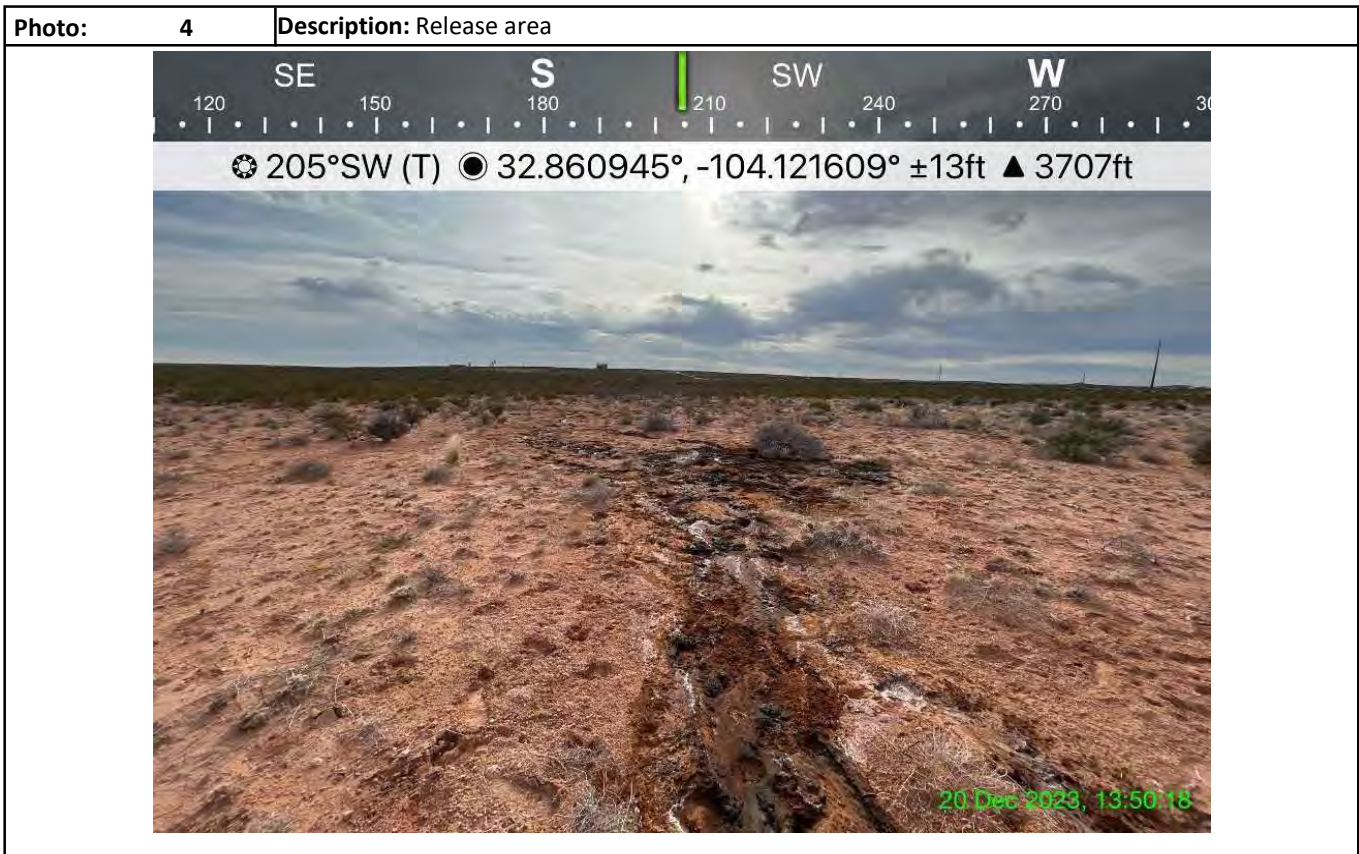
WELLS WITH WELL LOG INFORMATION

Attachment IV Site Photographs

Photographs



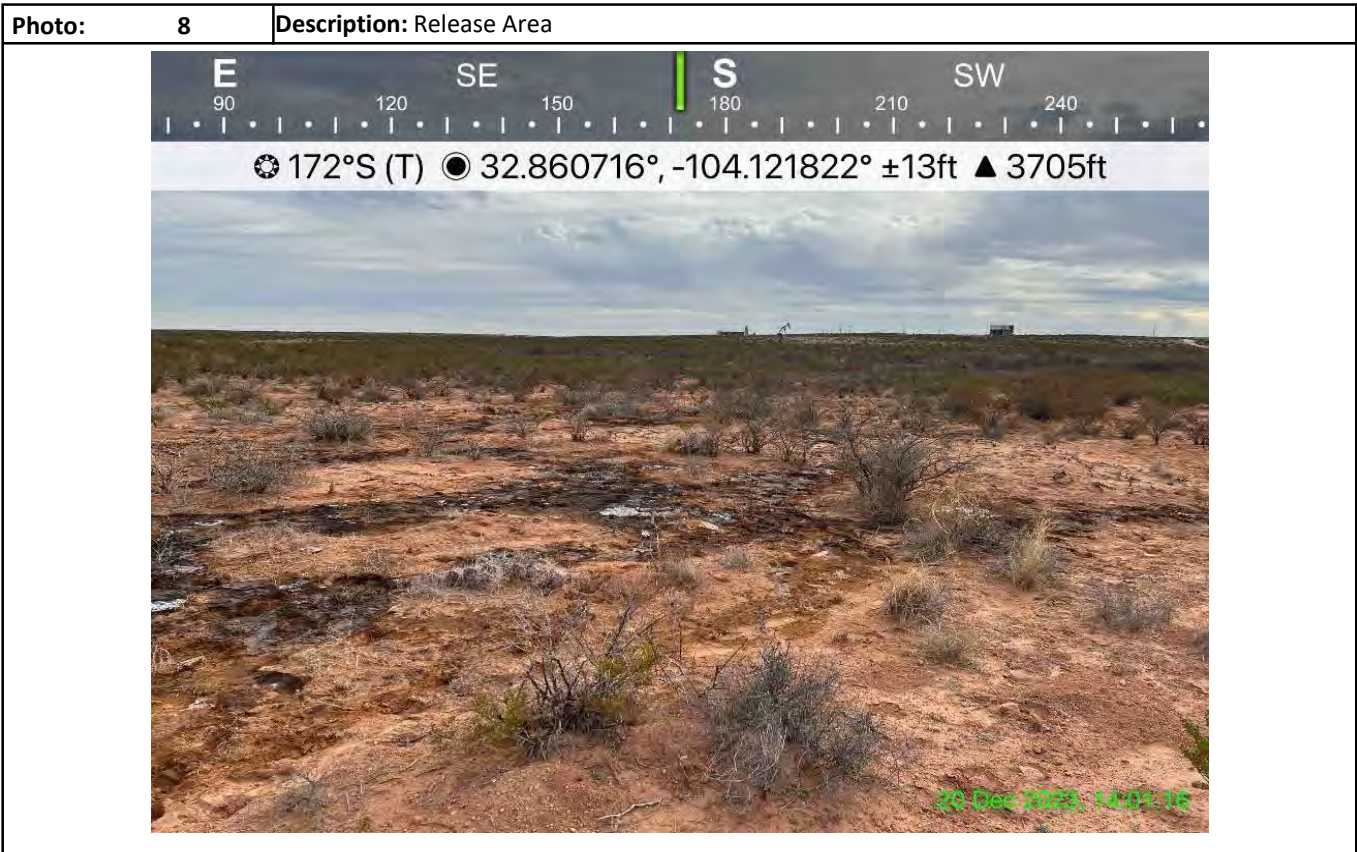
Photographs



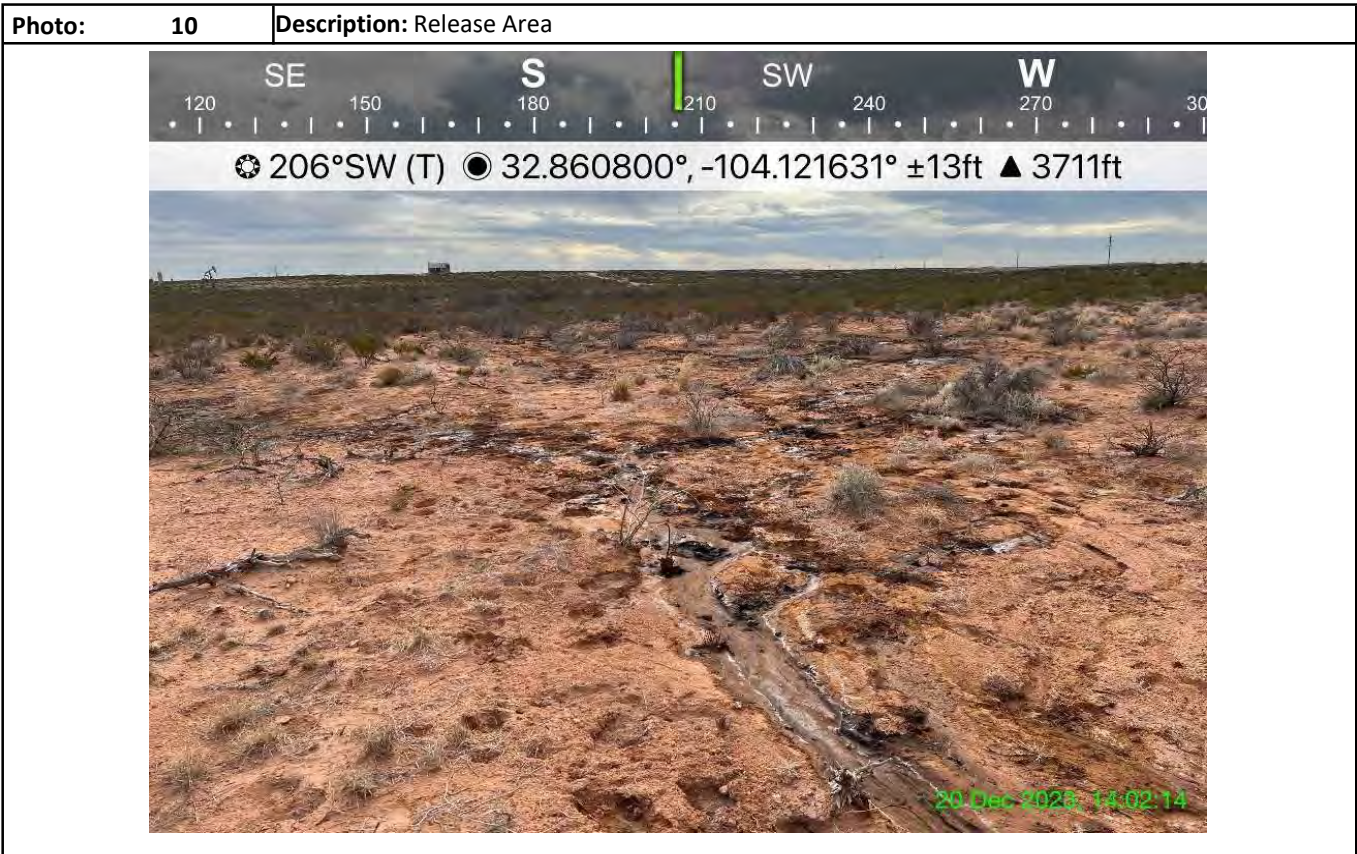
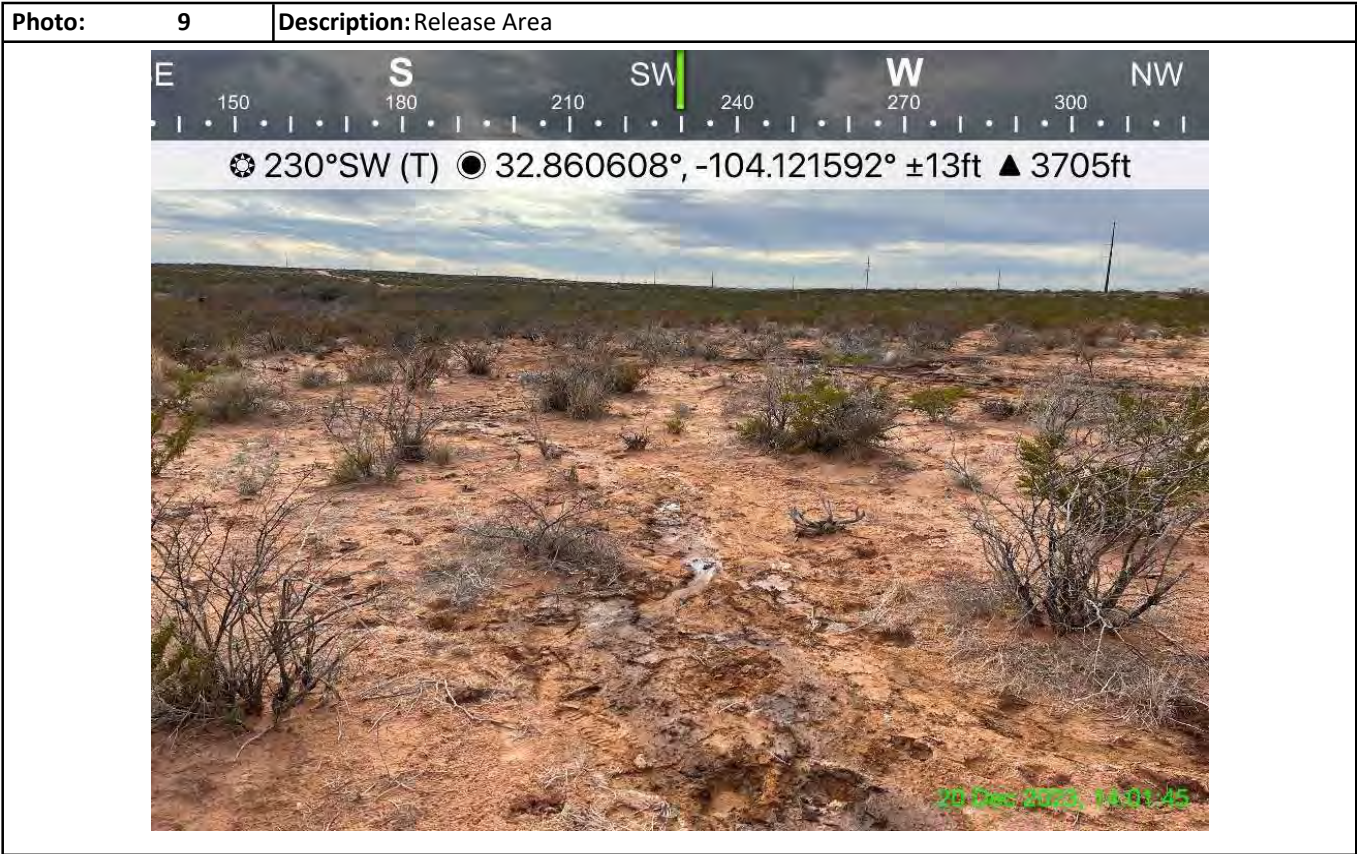
Photographs



Photographs



Photographs



Photographs

Photo: 11 **Description:** Excavation

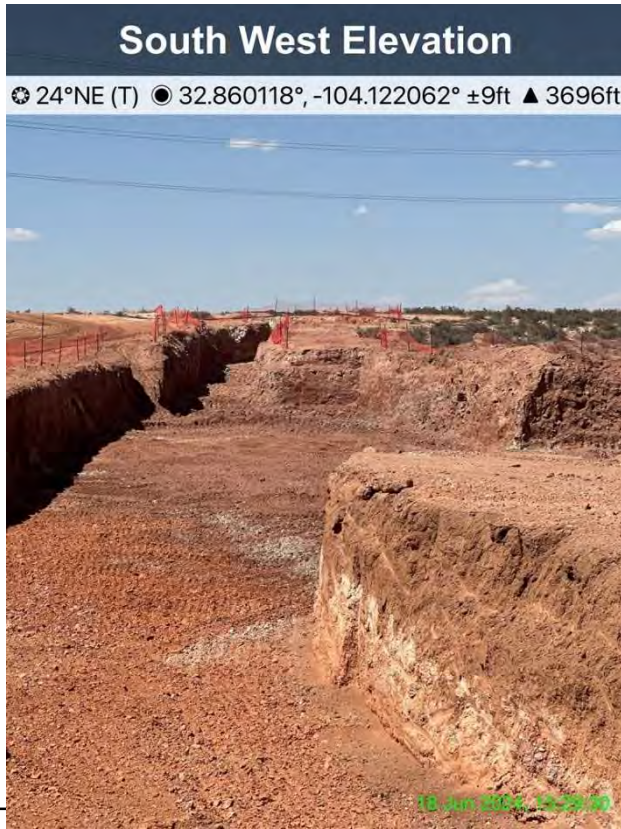
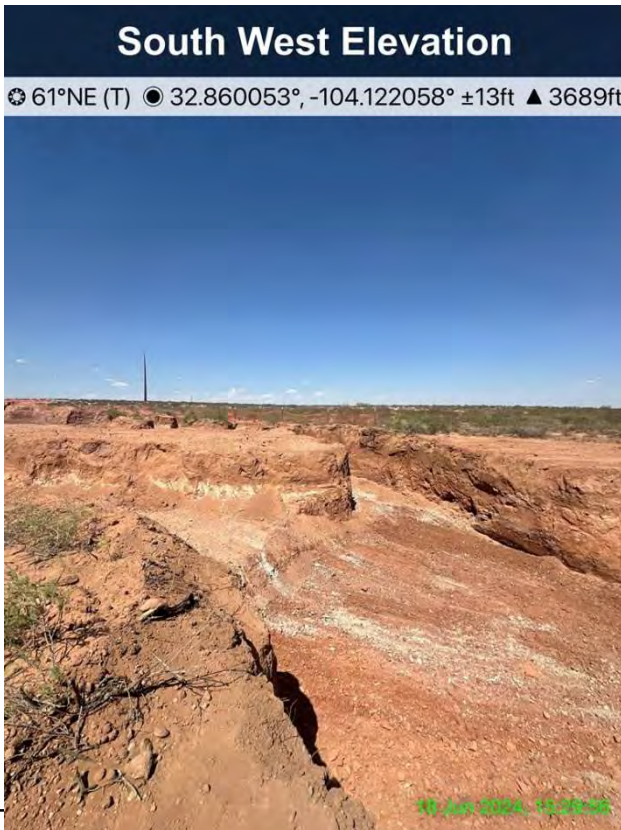


Photo: 12 **Description:** Excavation



Photographs

Photo: 13 **Description:** Excavation



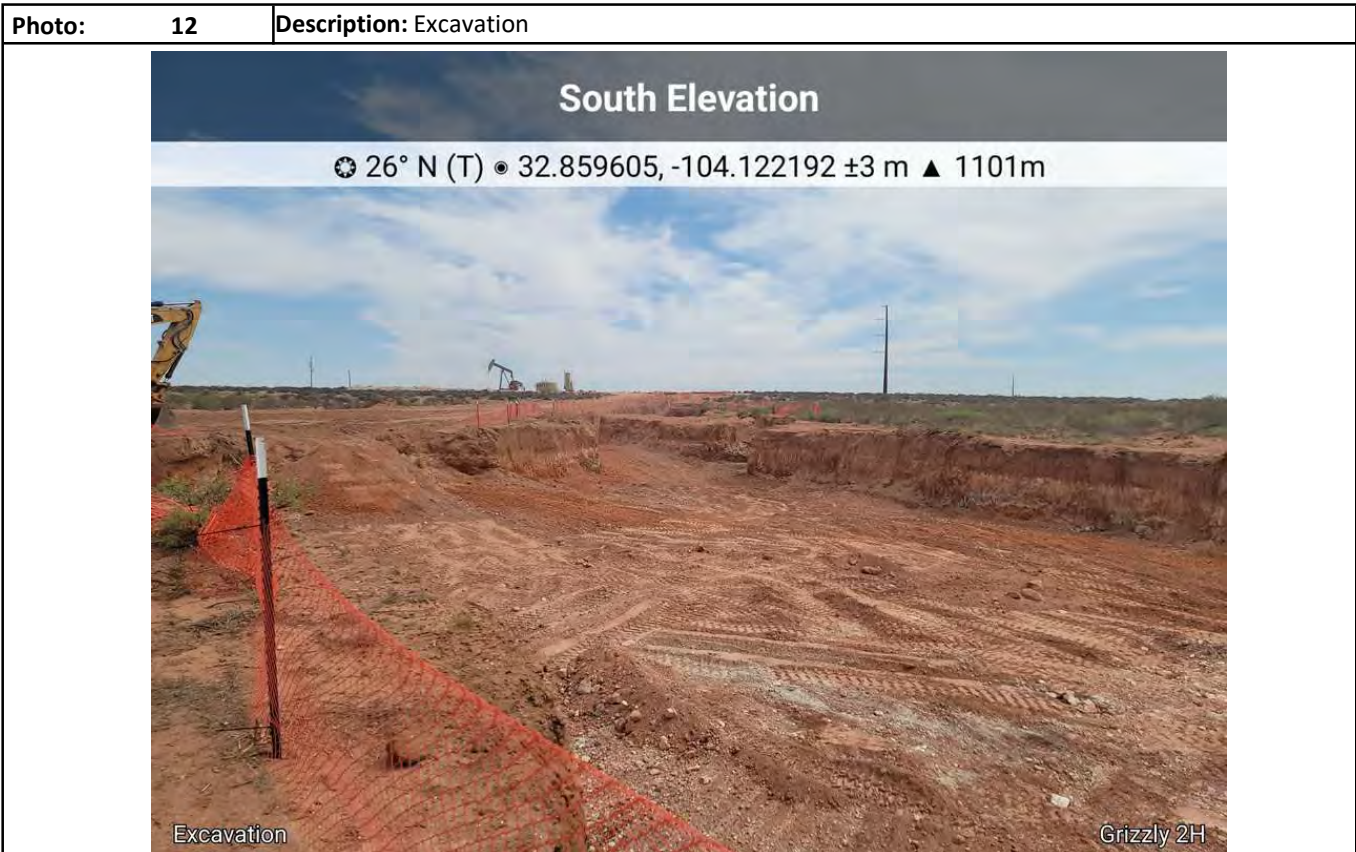
Photo: 14 **Description:** Excavation



Photographs



Photographs



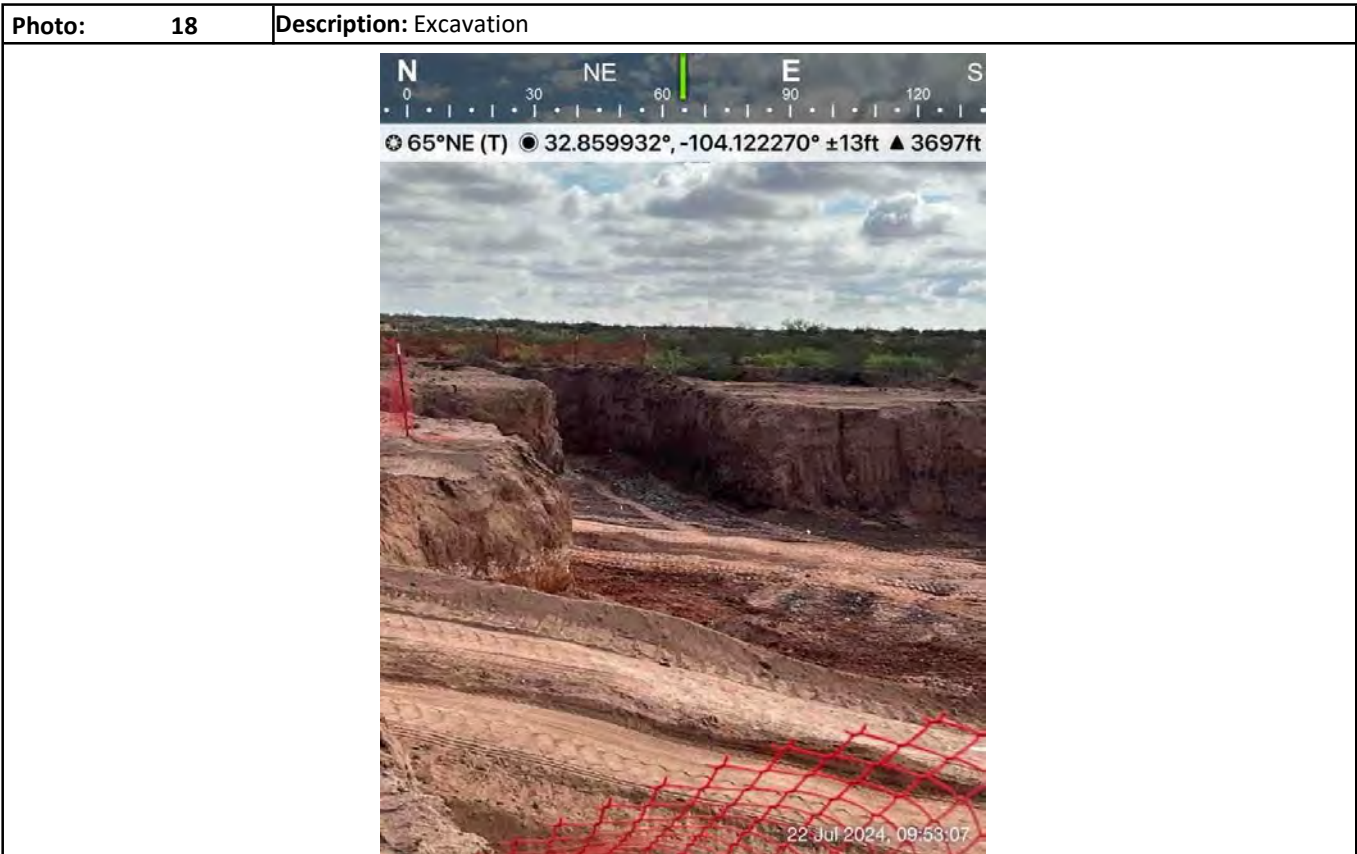
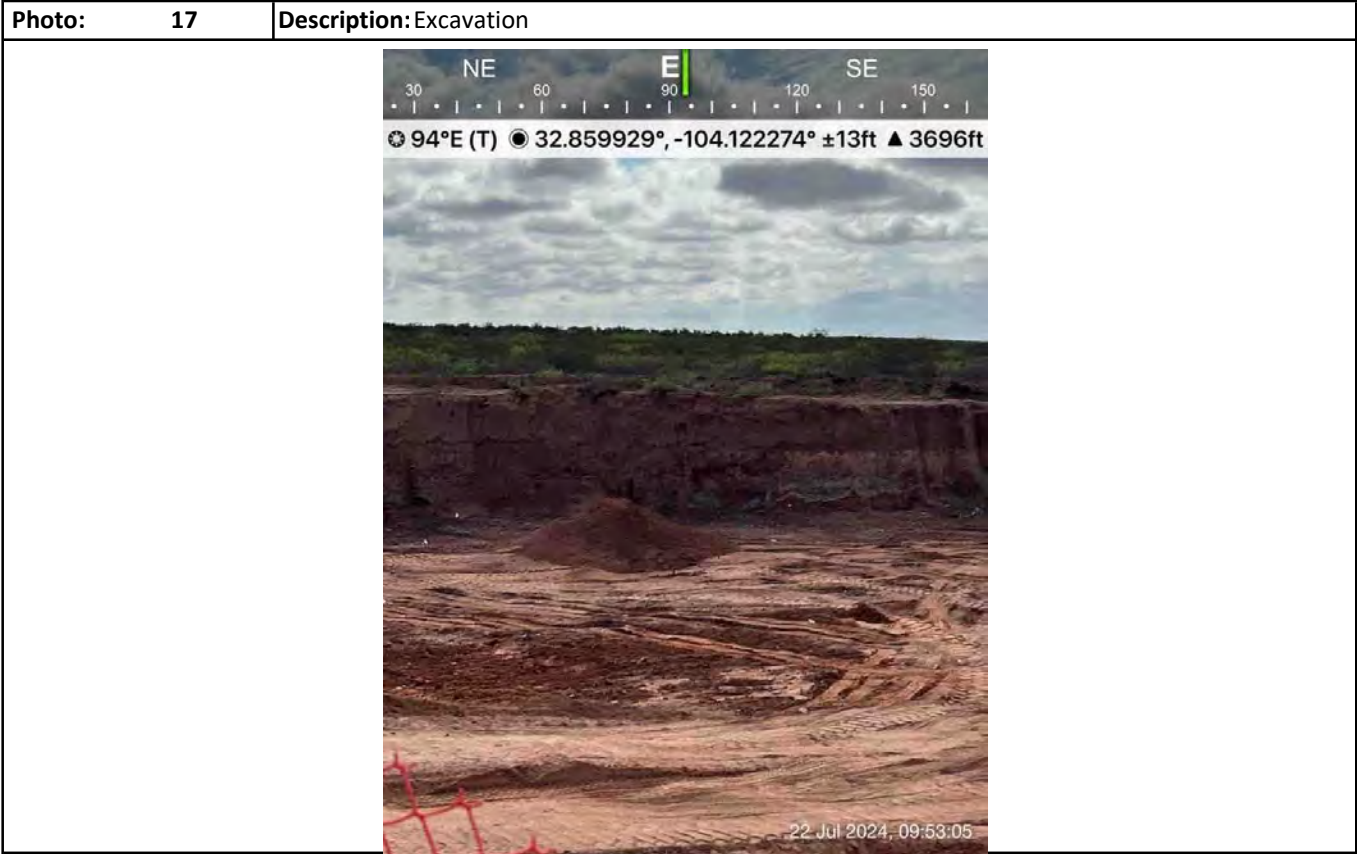
Photographs



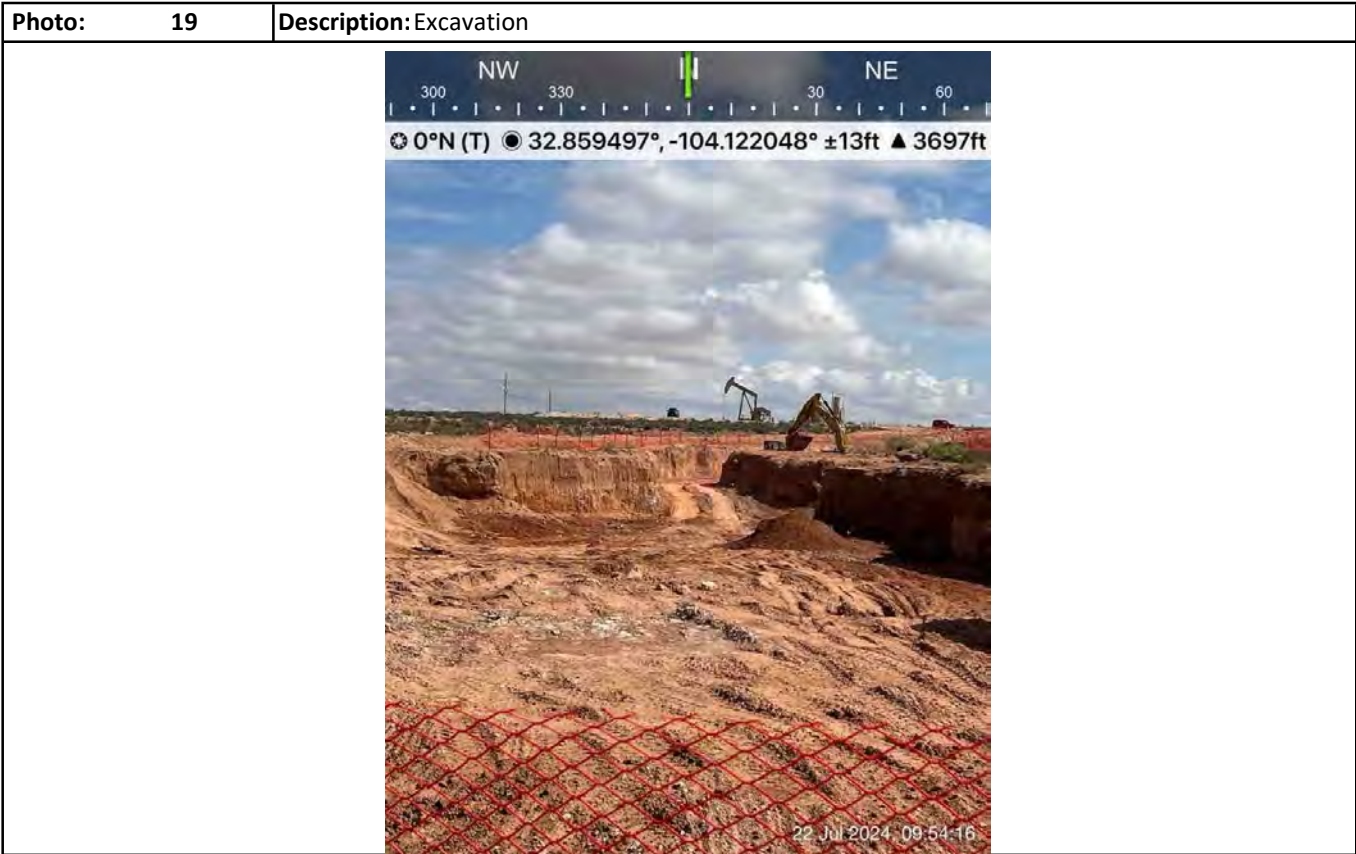
Photographs



Photographs



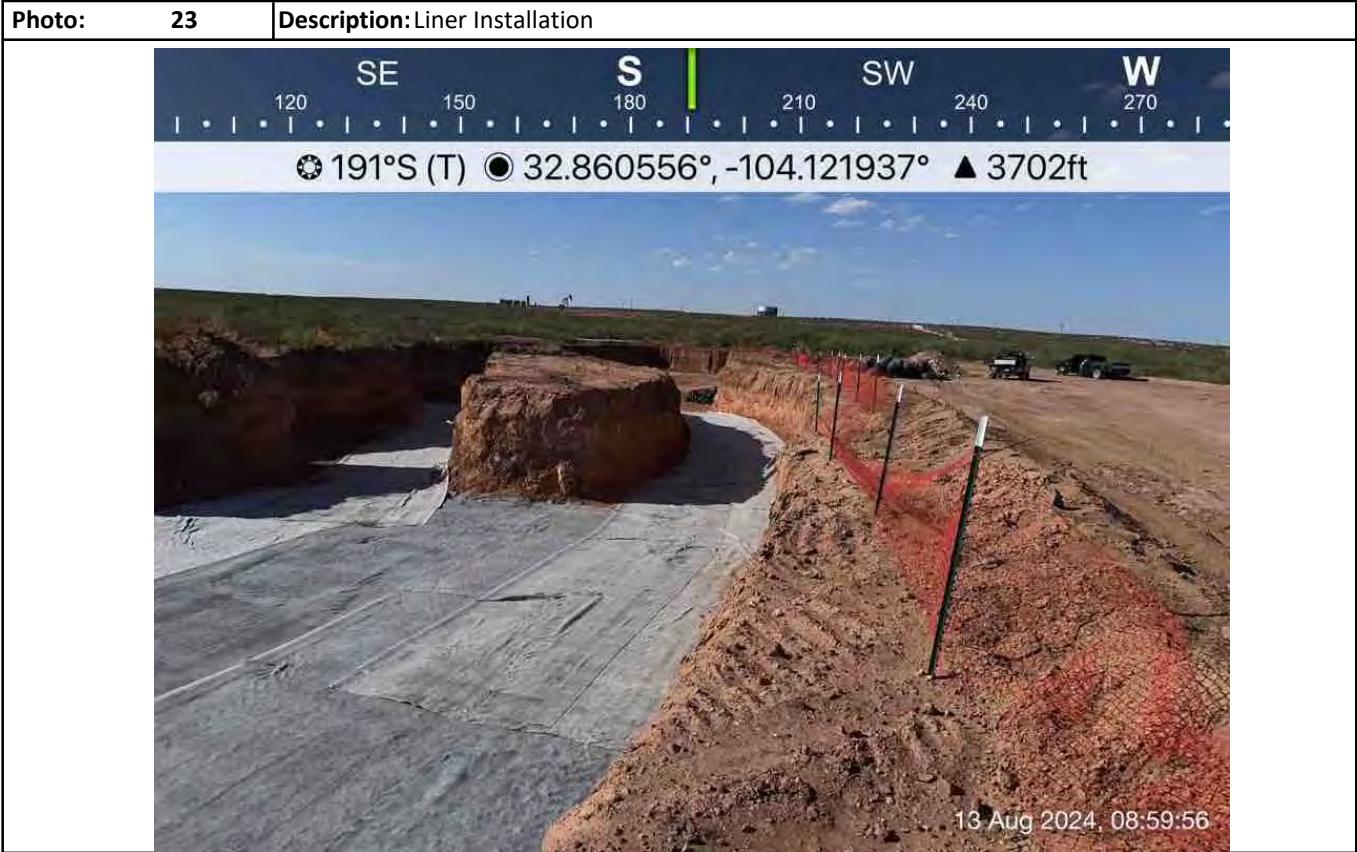
Photographs



Photographs



Photographs



Photographs

Photo: 25 | **Description:** Image captured by drone of completed liner installation



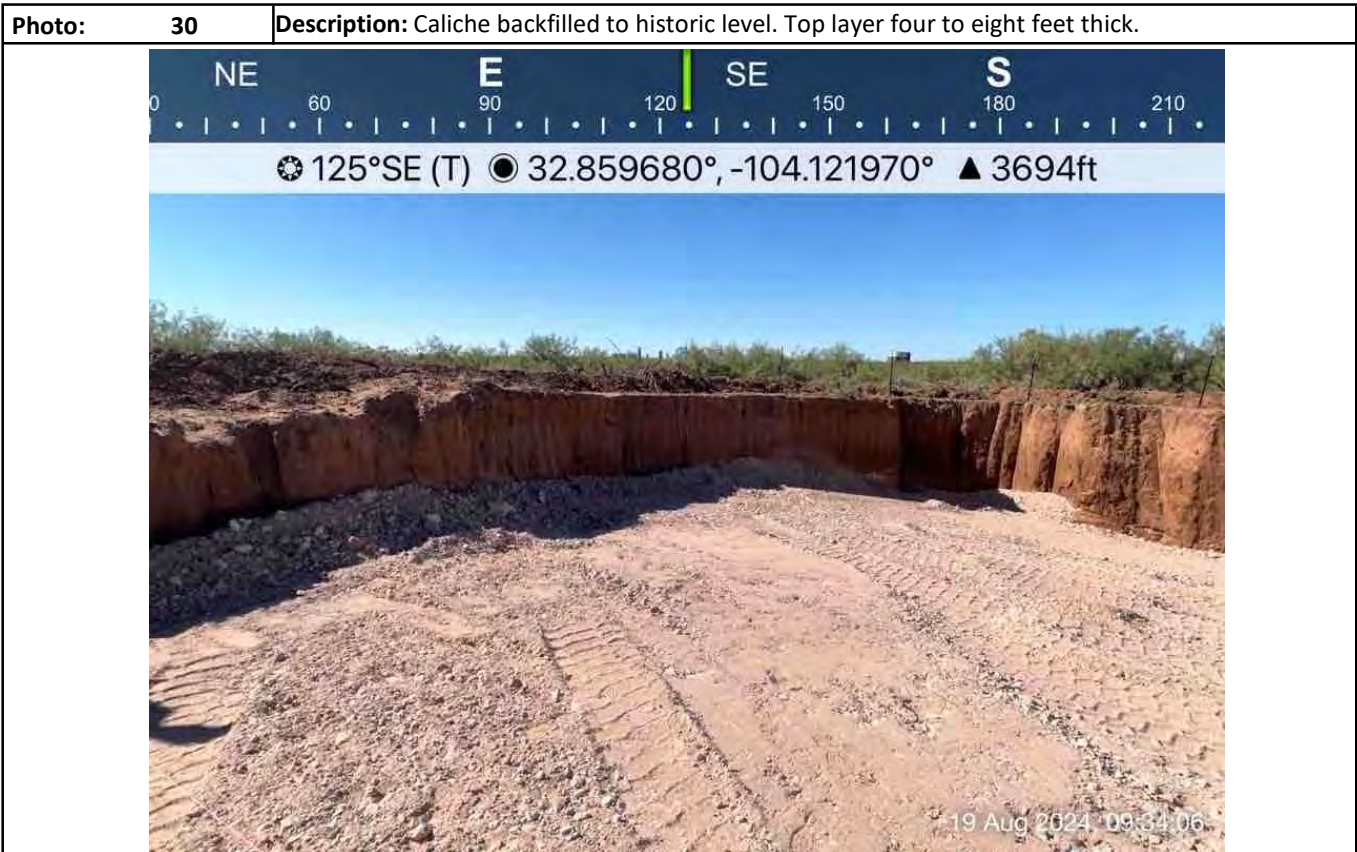
Photo: 26 | **Description:** Image captured by drone of completed liner installation



Photographs



Photographs



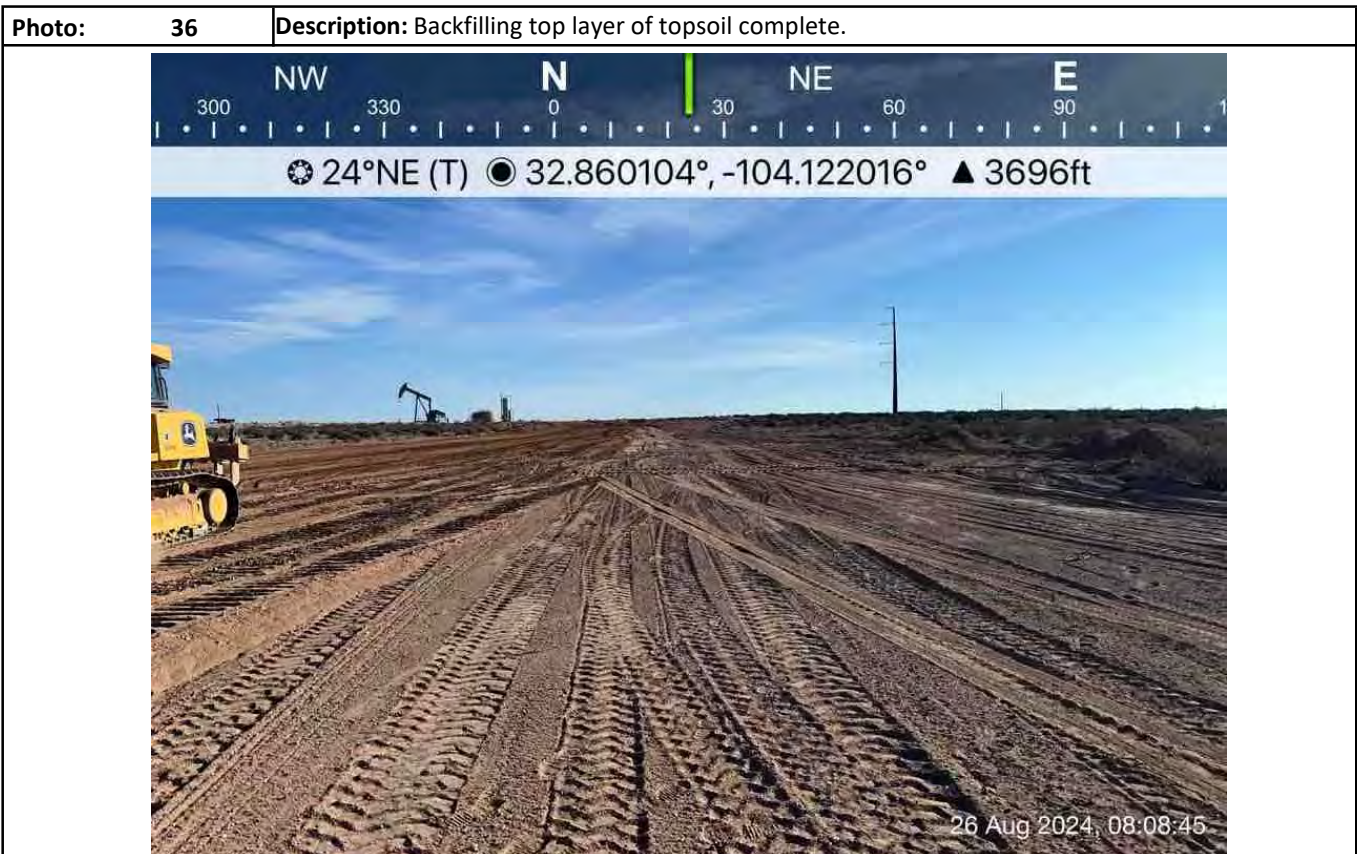
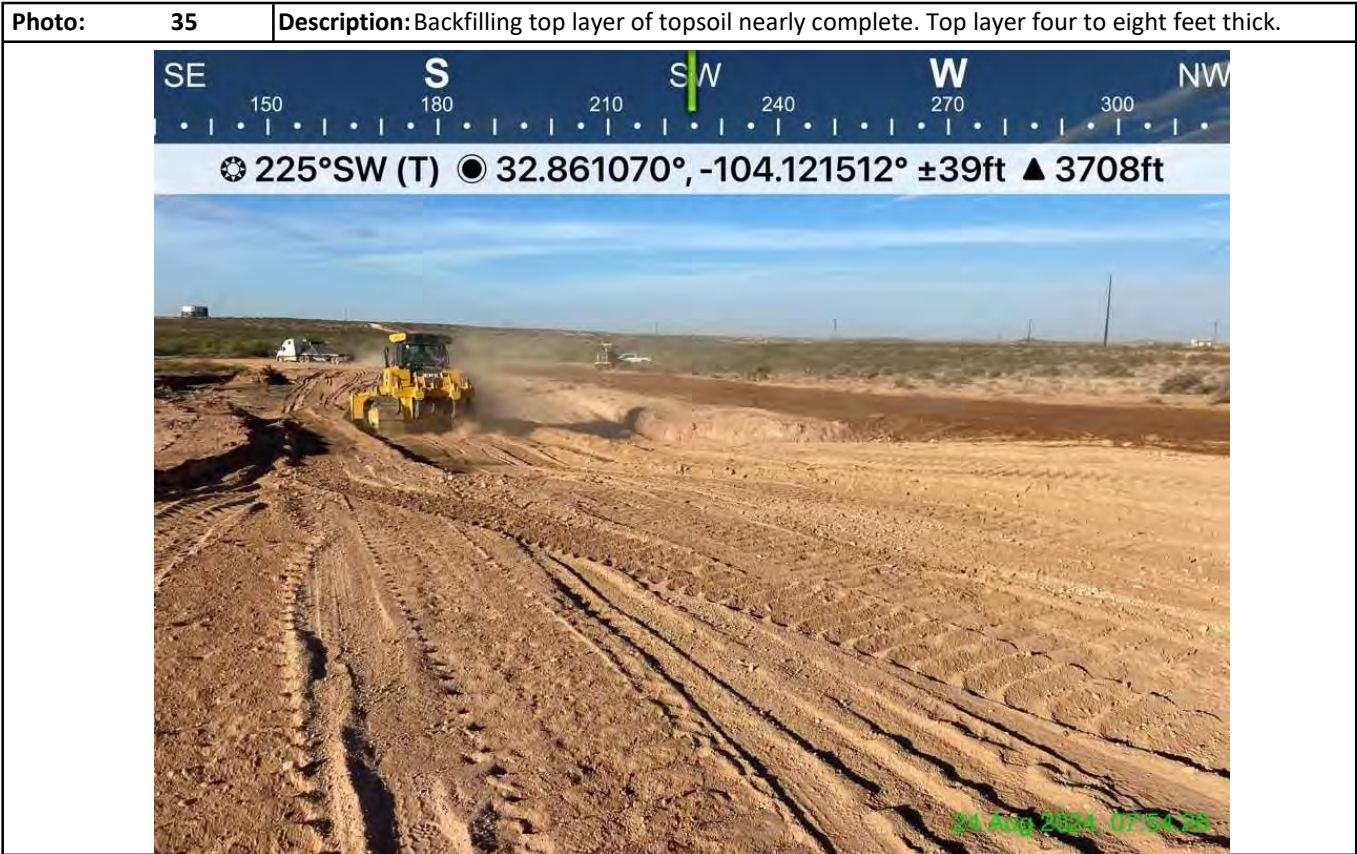
Photographs



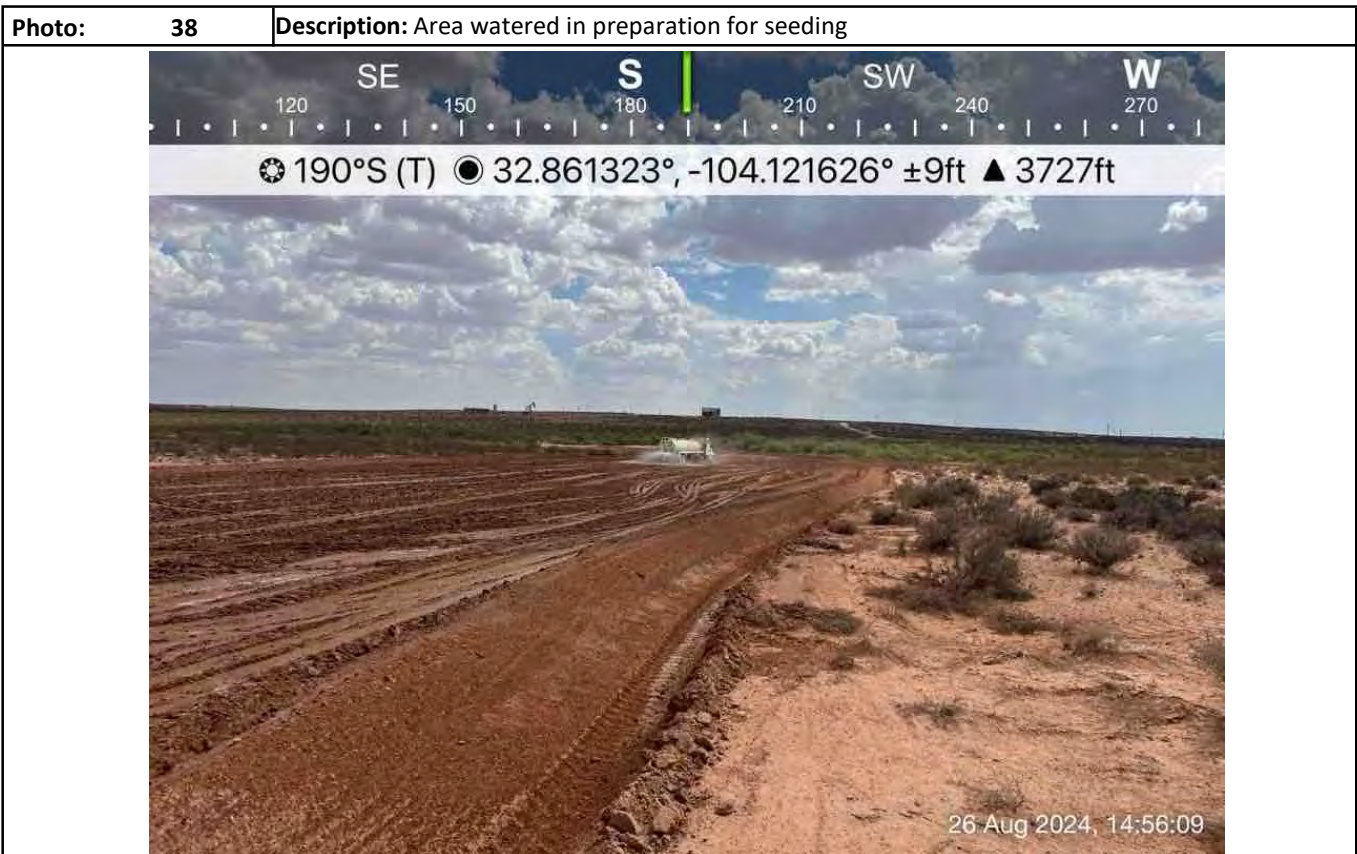
Photographs



Photographs



Photographs



Photographs


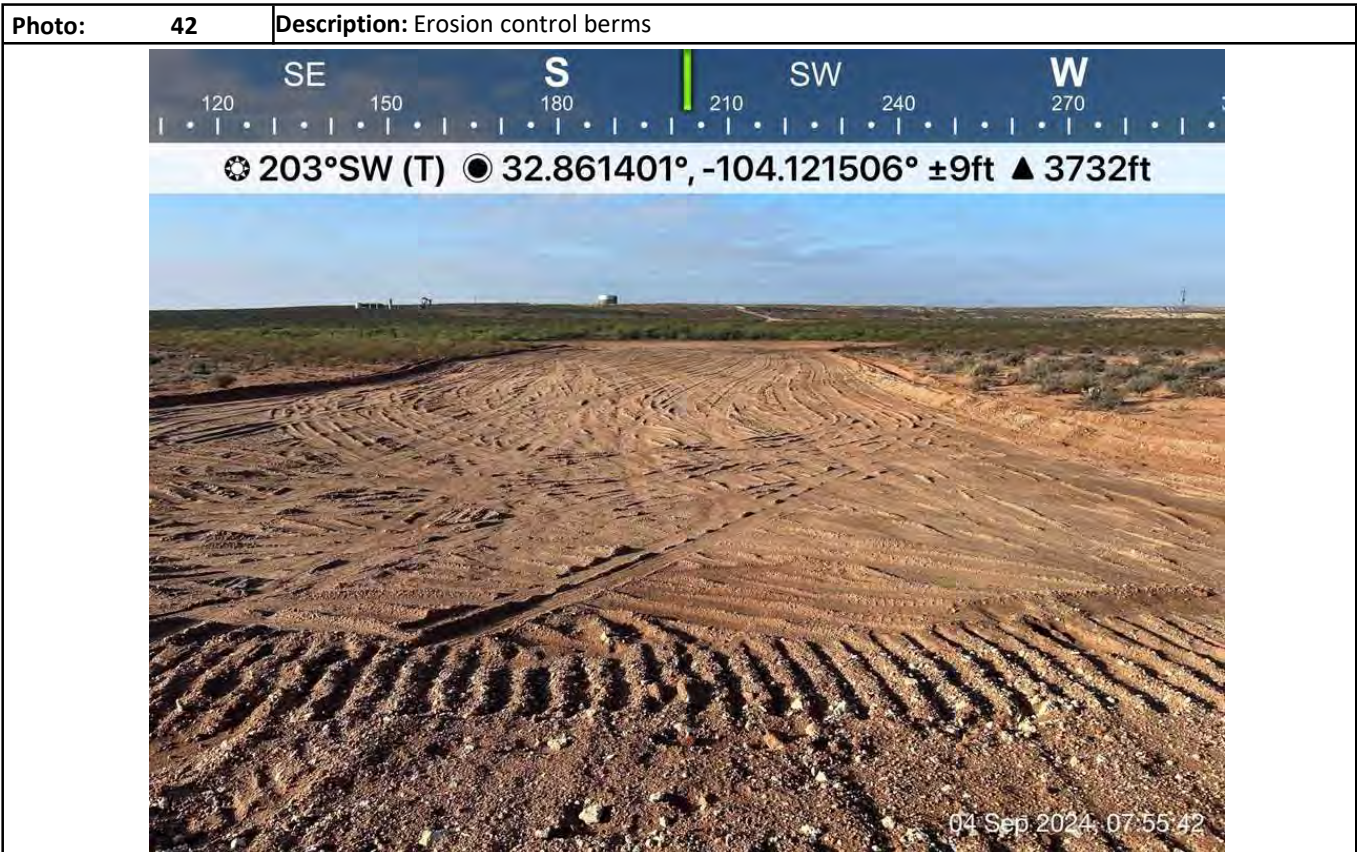
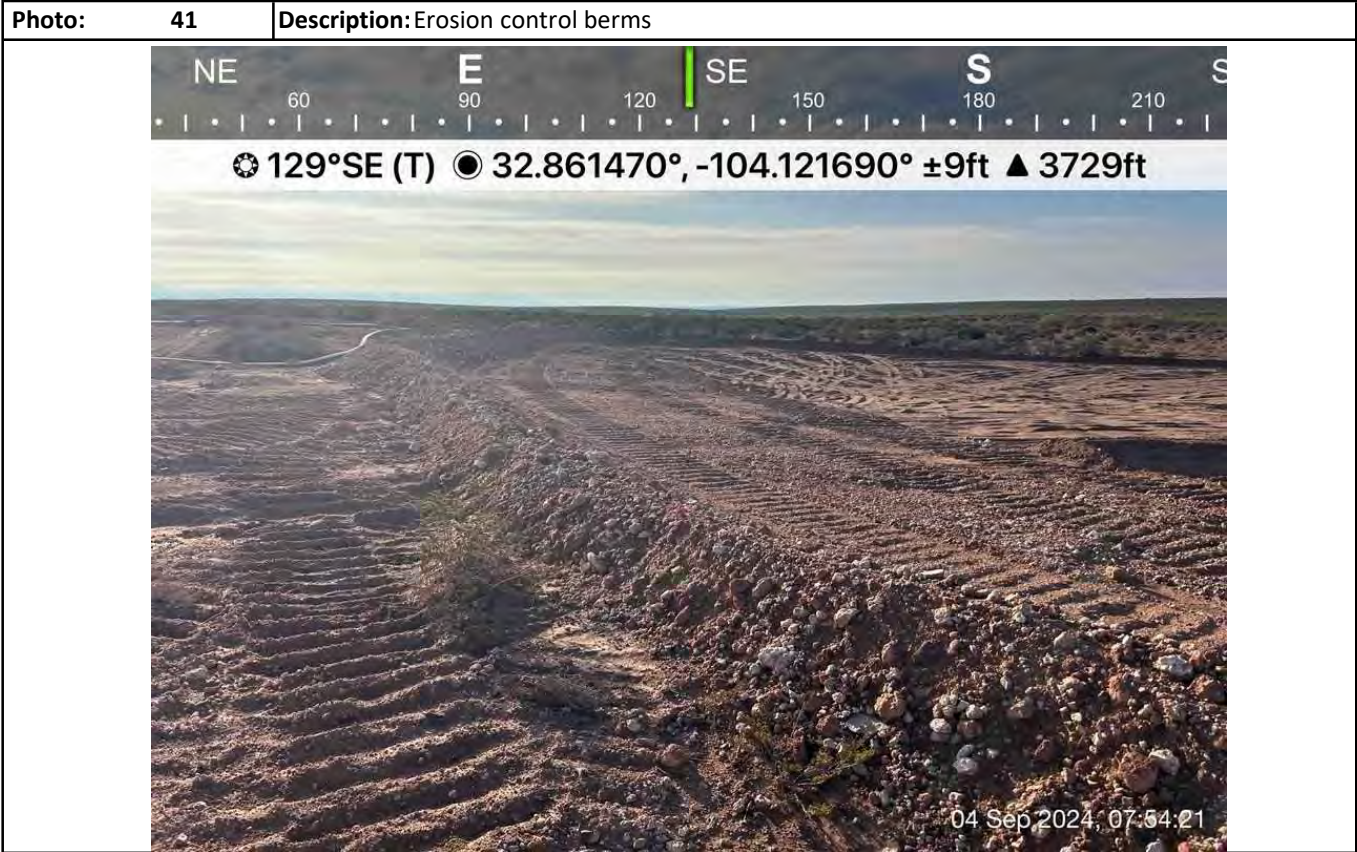
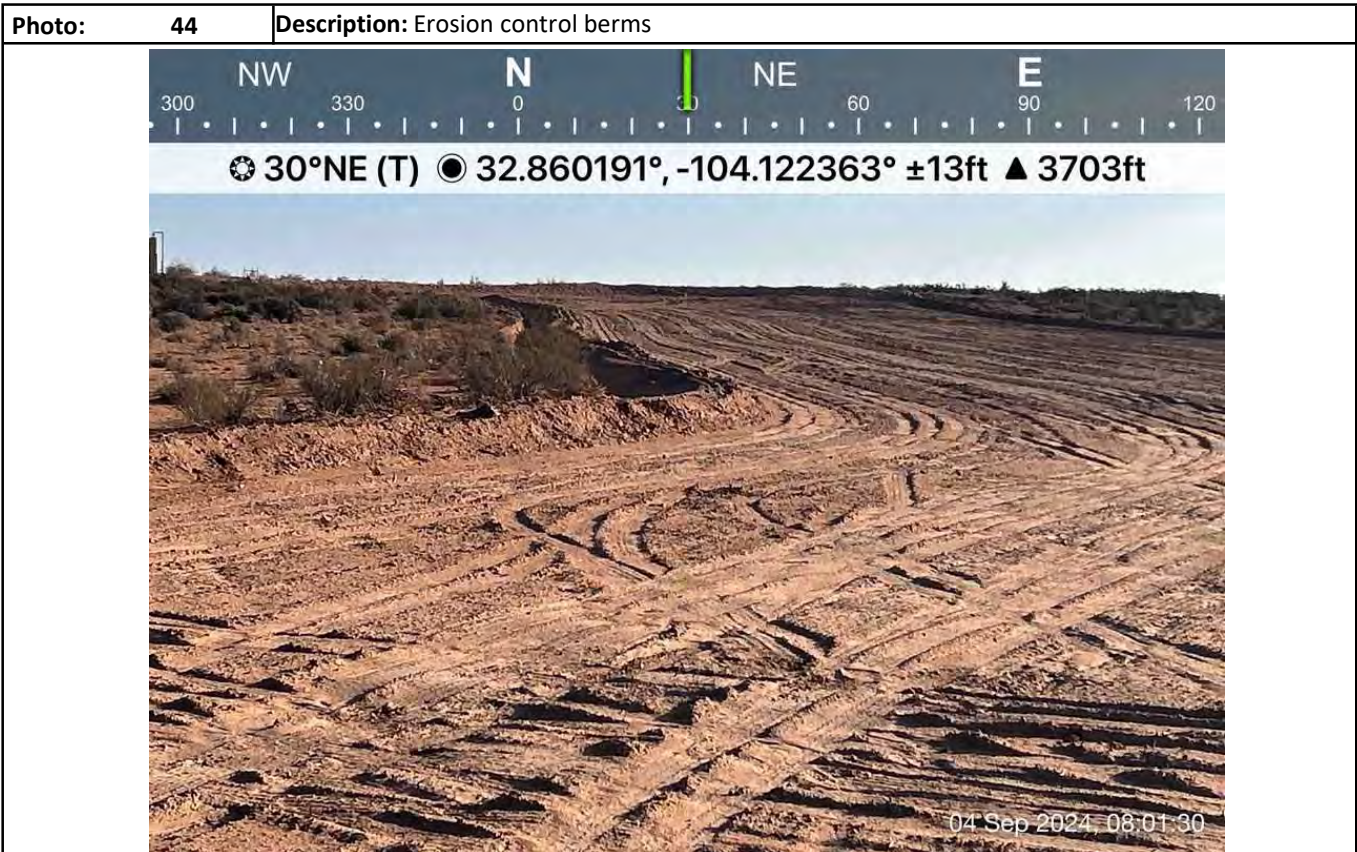
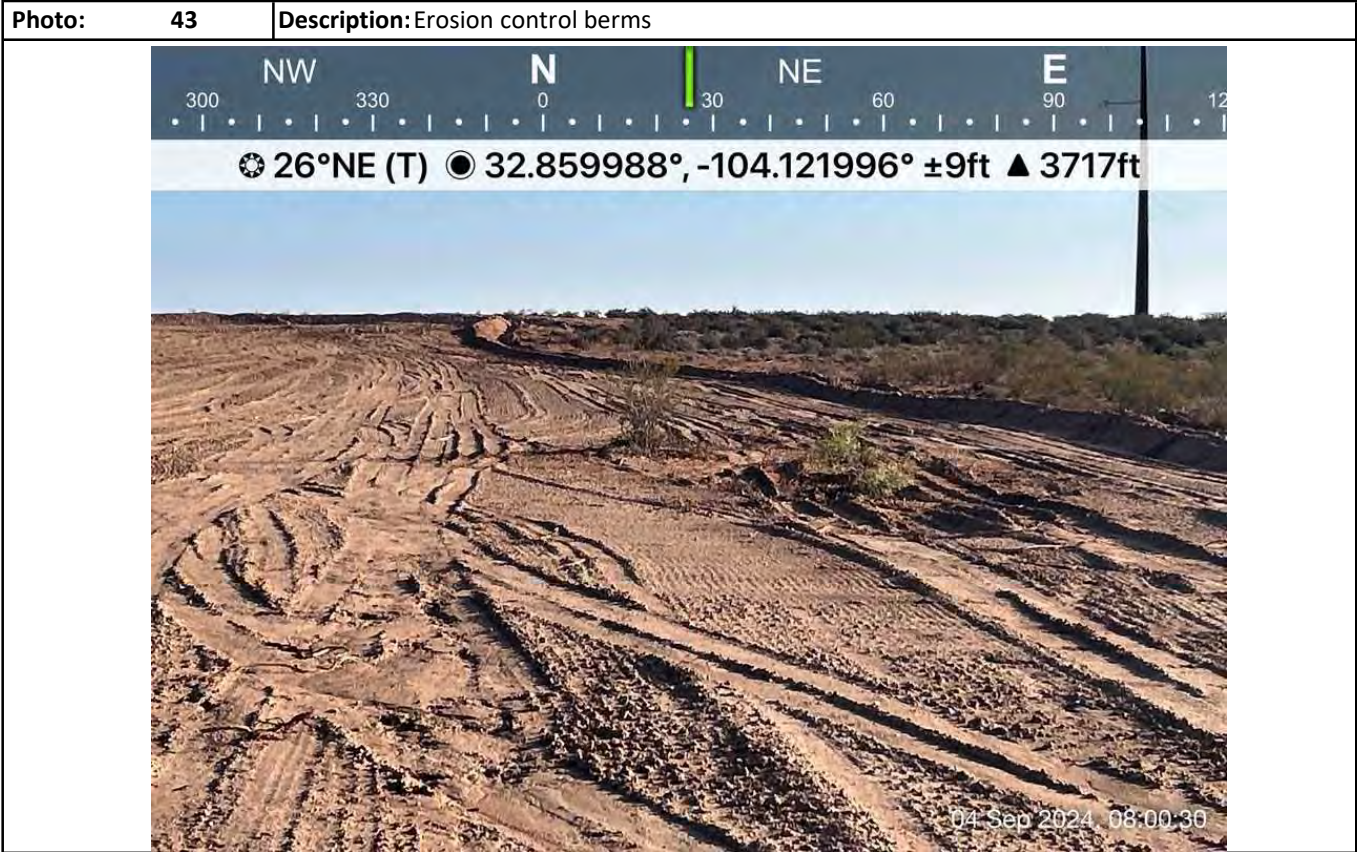
Photo:	39	Description: Seed tag
		

Photo:	40	Description: Drill seeding affected area
		

Photographs



Photographs



Attachment V Field Data

Hungry Horse, LLC

Sample Log

Date: 1-2-24

Project: Grizzly Bear State Com #2H

Latitude: 32.861346

Longitude: -104.121321

Sampler: Jerry Heidelberg

Sample ID	Depth	PID/Odor	Chloride	GPS
HZ1	Surf	No	1.6 @ 37X4 = 148	
HZ1	1'		1.2 @ >100	
HZ2	Surf		2.2 @ 60X4 = 240	
HZ2	1'		2.0 @ 52X4 = 208	
HZ3	Surf		1.8 @ 44X4 = 176	
HZ3	1'		2.2 @ 60X4 = 240	
HZ4	Surf		2.0 @ 52X4 = 208	
HZ4	1'		2.6 @ 78X4 = 312	
HZ5	Surf		1.6 @ 37X4 = 148	
HZ5	1'		2.4 @ 68X4 = 272	
HZ6	Surf		1.8 @ 44X4 = 176	
HZ6	1'		2.2 @ 60X4 = 240	
HZ7	Surf		1.6 @ 37X4 = 148	
HZ7	1'		1.4 @ 30X4 = 120	
HZ8	Surf		1.2 >100	
HZ8	1'		2.8 @ 88X4 = 352	
HZ9	Surf		2.6 @ 78X4 = 312	
HZ9	1'		2.4 @ 68X4 = 272	
HZ10	Surf		1.4 @ 30X4 = 120	
HZ10	1'		2.2 @ 60X4 = 240	
HZ11	Surf		1.6 @ 37X4 = 148	
HZ11	1'		2.4 @ 68X4 = 272	
HZ12	Surf		1.8 @ 44X4 = 176	
HZ12	1'		2.6 @ 78X4 = 312	

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

Sample Log

Hungry Horse, LLC

Date: 1-2-24

Project: Grizzly Bear State Com #2H

Latitude: 32.861346

Longitude: -104.121321

Sampler: Jerry Heidelberg

Sample ID	Depth	PID/Odor	Chloride	GPS
HZ 13	Surf		1.4 @ 30X4 = 120	
HZ 13	1'		2.0 @ 52X4 = 208	
HZ 14	Surf		1.6 @ 37X4 = 148	
HZ 14	1'		2.2 @ 60X4 = 240	
HZ 15	Surf		2.0 @ 52X4 = 208	
HZ 15	1'		2.6 @ 78X4 = 312	
HZ 16	Surf		1.8 @ 44X4 = 176	
HZ 16	1'		2.4 @ 68X4 = 272	
SP 1	Surf	High	7.8 H @ 3374X4 = 13,496	
	1'	High	7.6 H @ 3093X4 = 12,372	
	2'	Little	6.8 H @ 2235X4 = 9,180	
	3'	Very little	7.6 H @ 3093X4 = 12,372	
	4'	Yes	7.2 H @ 2621X4 = 10,484	
SP 2	Surf	High	7.8 H @ 3374X4 = 13,496	
	1'	High	7.6 H @ 3093X4 = 12,372	
	2'	Yes	7.4 H @ 2844X4 = 11,376	
	3'	Yes	7.0 H @ 2419X4 = 9,676	
	4'	Little	4.8 H @ 1020X4 = 4,080	
SP 3	Surf	High	7.4 H @ 2844X4 = 11,376	
	1'	High	7.6 H @ 3093X4 = 12,372	
	2'	NO	7.2 H @ 2621X4 = 10,484	
	3'	NO	6.8 H @ 2235X4 = 9,940	
	4'	NO	5.4 H @ 1298X4 = 5,192	
SP 4	Surf	High	7.6 H @ 3093X4 = 12,372	
	1'	High	7.4 H @ 2844X4 = 11,376	
	2'	Little	7.0 H @ 2419X4 = 9,676	
	3'	NO	6.6 H @ 2067X4 = 8,268	
	4'	NO	5.8 H @ 1517X4 = 6,068	

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

Sample Log

Hungry Horse, LLC

Date: 1-2-24

Project: Grizzly Bear State Com #2H

Latitude: 32.861346

Longitude: -104.121321

Sampler: Jerry Heidelberg

Sample ID	Depth	PID/Odor	Chloride	GPS
SP5	Surf	High	7.8He 3374X4 = 13,496	
	1'	High	7.4He 2844X4 = 11,376	
	2'	mid	6.8He 2235X4 = 8,940	
	3'	Little	5.4He 1298X4 = 5,192	
	4'	No	4.4He 863X4 = 3,452	
SP6	Surf	High	7.6He 3093X4 = 12,372	
	1'	High	7.2He 2621X4 = 10,484	
	2'	mid	6.6He 2067X4 = 8,268	
	3'	Little	6.0He 1639X4 = 6,556	
	4'	No	5.6He 1404X4 = 5,166	
SP7	Surf	High	7.8He 3374X4 = 13,496	
	1'	High	7.6He 3093X4 = 12,372	
	2'	Little	7.2He 2621X4 = 10,484	
	3'	No	6.4He 1913X4 = 7,652	
	4'	No	6.0He 1639X4 = 6,556	
SP8	Surf	High	8.2He 4059X4 = 16,236	
	1'	High	7.4He 2844X4 = 11,376	
	2'	Little	7.2He 2621X4 = 10,484	
	3'	No	6.6He 2067X4 = 8,268	
	4'	No	6.0He 1639X4 = 6,556	
SP9	Surf	High	8.8He 5632X4 = 22,528	
	1'	High	8.0He 3692X4 = 14,768	
	2'	High	7.6He 3093X4 = 12,372	
	3'	Little	7.0He 2419X4 = 9,676	
	4'	No	6.4He 1913X4 = 7,652	
SP10	Surf	High	9.0He 6442X4 = 25,768	
	1'	High	8.2He 4059X4 = 16,236	
	2'	Little	7.4He 2844X4 = 11,376	
	3'	No	7.2He 2621X4 = 10,484	
	4'	No	6.8He 2235X4 = 8,940	

Sample Point = SP1 @ ## etc

Horizontal = HZ1 etc

Test Trench = TT1 @ ##

Floor = FL1 etc

Refusal = SP1 @ 4'-R

Resamples = SP1b @ 5' or SW #1b

Sidewall = SW1 etc

GPS Sample Points, Center of Comp Areas

Stockpile = Stockpile #1

Sample Log

Hungry Horse, LLC

Project: Grizzly Bear State Com #2H

Date: 1-29-24

Karst Yes Water <50'

GPS: 32.861346, -104.121321

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

Sampler: Jerry Heidelberg

Sample ID	Depth	PID/Odor	Chloride	GPS
SP1	5'		4.4 H ₀ 762x4 = 3,048	
SP2	5'		5.1 H ₀ 1225x4 = 4,900	
SP3	5'		4.6 H ₀ 827x4 = 3,308	
SP4	5'		4.4 H ₀ 762x4 = 3,048	
SP5	5'		5.0 H ₀ 972x4 = 3,888	
SP6	5'		4.8 H ₀ 897x4 = 3,588	
SP7	5		5.8 H ₀ 1322x4 = 5,288	
SP8	5'		6.8 H ₀ 1929x4 = 7,716	
SP9	5'		5.8 H ₀ 1322x4 = 5,288	
SP10	5'		4.8 H 897x4 = 3,588	
Off-site dig test				
Area 1	6'	No	5.0 @ 241 x4 = 964	
	8'	No	2.4 @ 68 x4 = 272	
	10'	No	2.0 @ 52 x4 = 208	
Area 2	6'	No	2.0 @ 52 x4 = 208	
	8'	No	2.2 @ 60 x4 = 240	
	10'	No	2.0 @ 52 x4 = 208	

Sample Point = SP1 @ ## etc

Horizontal = HZ1 etc

Test Trench = TT1 @ ##

Floor = FL1 etc

Refusal = SP1 @ 4'-R

Resamples = SP1b @ 5' or SW #1b

Sidewall = SW1 etc

GPS Sample Points, Center of Comp Areas

Stockpile = Stockpile #1

Sample Log

Hungry Horse, LLC

Project: Grizzly Bear State Com #2H

Date: _____

Karst Yes Water <50'

GPS: 32.861346, -104.121321

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

Sampler: Jerry Heidelberg

Sample ID	Depth	PID/Odor	Chloride	GPS
SP1	6'	Yes	4.4 H @ 762 x 4 = 3,048	
	8'	No	5.4 H @ 1135 x 4 = 4,540	
	10'	No	5.0 H @ 972 x 4 = 3,888	
SP2	6'	No	6.6 H	
	8'	No	4.8 H @ 1020 x 4 = 4080	
	10'	Yes	5.6 H @ 1404 x 4 = 5616	
SP3	6'	-	5.0 H @ 972 x 4 = 3,888	
	8'	No	5.8 H @ 1517 x 4 = 6068	
	10'	No	5.6 H @ 1404 x 4 = 5616	
SP4	6'	Yes	5.0 H @ 972 x 4 = 3,888	
	8'	No	5.0 H @ 972 x 4 = 3,888	
	10'	No	5.0 H @ 972 x 4 = 3,888	
SP5	6'	Yes	5.2 H @ 1199 x 4 = 4,796	
	8'	No	4.2 H @ 791 x 4 = 3,164	
	10'	No	5.2 H @ 1404 x 4 = 4796	
SP6	6'	No	5.8 H @ 1517 x 4 = 6,068	
	8'	No	6.2 H @	
	10'	No	6.4 H @	
SP7	6'	No	6.0 H @ 1639 x 4 = 6,556	
	8'	No	6.6 H @ 2067 x 4 =	
	10'	No	6.8 H @ 2235 x 4 =	
SP8	6'	Yes	5.8 H @ 1517 x 4 = 6,068	
	8'	No	5.4 H @ 1135 x 4 = 4,540	
	10'	No	5.0 H @ 972 x 4 = 3,888	
SP9	6'	Yes	5.4 H @ 1135 x 4 = 4,540	
	8'	No	5.2 H @ 1199 x 4 = 4,796	
	10'	No	6.0 H @ 1639 x 4 = 6,556	
SP10	6'	Yes	4.8 H @ 897 x 4 = 3,588	
	8'	No	4.8 H @ 897 x 4 = 3,588	
	10'	No	9.0 H @ 6149 x 4 = 24,596	
SP11	12'	Yes	5.0 H @ 972 x 4 = 3,888	
	14'	No	5.4 H @ 1135 x 4 = 4,540	
	16'	No	5.2 H @ 1199 x 4 = 4,796	
	18'	No	5.4 H @ 1135 x 4 = 4,540	
	20'	No	5.6 H @ 1404 x 4 = 5616	
SP12	12'	No	5.6 H @ 1404 x 4 = 5616	

Sample Point = SP1 @ ## etc

Horizontal = HZ1 etc

Test Trench = TT1 @ ##

Floor = FL1 etc

Refusal = SP1 @ 4'-R

Resamples = SP1b @ 5' or SW #1b

Sidewall = SW1 etc

GPS Sample Points, Center of Comp Areas

Stockpile = Stockpile #1

Hungry Horse, LLC

Sample Log

Project: Grizzly Bear State Com #2H

Date: 2-22-24

Karst Yes Water <50'

GPS: 32.861346, -104.121321

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

Sampler: Jerry Heidelberg

Sample ID	Depth	PID/Odor	Chloride	GPS
SP2	14'		4.8 H @ 1070 x 4 = 4,080	
	16'		6.0 H @ 1639 x 4 = 6,556	
	18'		5.8 H @ 1517 x 4 = 6,068	
	20'		5.8 H @ 1517 x 4 = 6,068	
SP3	12		5.0 H @ 972 x 4 = 3,888	
	14		5.6 H @ 1404 x 4 = 5616	
	16		5.2 H @ 1179 x 4 = 4,716	
	18		5.4 H @ 1153 x 4 = 4,540	
	20		5.8 H @ 1517 x 4 = 6,068	
SP4	12		4.6 H @ 939 x 4 = 3,756	
	14		5.8 H @ 1517 x 4 = 6,068	
	16		5.4 H @ 1153 x 4 = 4,540	
	18		5.2 H @ 1109 x 4 = 4,746	
	20		5.8 H @ 1322 x 4 = 5,288	
SP5	12		5.0 H @ 972 x 4 = 3,888	
	14		5.4 H @ 1153 x 4 = 4,540	
	16		5.6 H @ 1404 x 4 = 5,616	
	18		6.0 H @ 1639 x 4 = 6,556	
	20		6.0 H @ 1639 x 4 = 6,556	
SP6				
SP7				
SP8				

Sample Point = SP1 @ ## etc

Horizontal = HZ1 etc

Test Trench = TT1 @ ##

Floor = FL1 etc

Refusal = SP1 @ 4'-R

Resamples = SP1b @ 5' or SW #1b

Sidewall = SW1 etc

GPS Sample Points, Center of Comp Areas

Stockpile = Stockpile #1

Sample Log

Hungry Horse, LLC

Project: Grizzly Bear State Com #2H

Karst Yes Water <50'

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

Date: 3-5-24

GPS: 32.861346, -104.121321

Sampler: Jerry Heidelberg

Sample ID	Depth	PID/Odor	Chloride	GPS
SP#BH1	20'	Yes	7.4@518X4=2,072	* They are sampling caves no fall throughs on sample points #BH1
	25'	Yes	7.4@518X4=2,072	
	30'	Little	4.0@641X4=2,564	
	35'	No	4.4@178X4=712	
	40'	No	3.8@137X4=548	
SP#BH2	20'	Yes	4.4@763X4=3,056	* This area is caves, no falls or cave-ins while drilling on sample points #BH2
	25'	Yes	6.4@3167X4=1,4168	
	30'	Little	4.6@192X4=768	
	35'	No	6.0@321X4=1,284	
	40'	No	5.8@299X4=1,196	
	45'	No	5.8@299X4=1,196	
	50'	No	6.6@396X4=1,584	
	55'	No	3.8@137X4=548	
SP#BH3	20'	No	2.8@82X4=328	NO Cave-ins while drilling on #BH3
	25'	No	2.0@49X4=196	
	30'			
	35'			
	40'			
	45'			

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



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

January 05, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: GRIZZLY BEAR STATE COM #2H

Enclosed are the results of analyses for samples received by the laboratory on 01/03/24 8:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SP 1 (H240018-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/03/2024	ND	1.79	89.7	2.00	12.5		
Toluene*	<0.050	0.050	01/03/2024	ND	1.79	89.6	2.00	12.9		
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	1.79	89.3	2.00	12.1		
Total Xylenes*	<0.150	0.150	01/03/2024	ND	5.26	87.6	6.00	12.3		
Total BTEX	<0.300	0.300	01/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16800	16.0	01/04/2024	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS							S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<50.0	50.0	01/03/2024	ND	180	90.0	200	0.0888			
DRO >C10-C28*	8770	50.0	01/03/2024	ND	177	88.3	200	1.89			
EXT DRO >C28-C36	3370	50.0	01/03/2024	ND							

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 364 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SP 2 (H240018-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.79	89.7	2.00	12.5	
Toluene*	<0.050	0.050	01/03/2024	ND	1.79	89.6	2.00	12.9	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	1.79	89.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	5.26	87.6	6.00	12.3	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	24000	16.0	01/04/2024	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<50.0	50.0	01/03/2024	ND	180	90.0	200	0.0888		
DRO >C10-C28*	8790	50.0	01/03/2024	ND	177	88.3	200	1.89		
EXT DRO >C28-C36	3720	50.0	01/03/2024	ND						

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 236 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SP 3 (H240018-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.79	89.7	2.00	12.5	
Toluene*	<0.050	0.050	01/03/2024	ND	1.79	89.6	2.00	12.9	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	1.79	89.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	5.26	87.6	6.00	12.3	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8660	16.0	01/04/2024	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<50.0	50.0	01/03/2024	ND	180	90.0	200	0.0888		
DRO >C10-C28*	19100	50.0	01/03/2024	ND	177	88.3	200	1.89		
EXT DRO >C28-C36	7120	50.0	01/03/2024	ND						

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 500 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SP 4 (H240018-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.79	89.7	2.00	12.5	
Toluene*	0.092	0.050	01/03/2024	ND	1.79	89.6	2.00	12.9	
Ethylbenzene*	0.237	0.050	01/03/2024	ND	1.79	89.3	2.00	12.1	
Total Xylenes*	0.670	0.150	01/03/2024	ND	5.26	87.6	6.00	12.3	
Total BTEX	1.00	0.300	01/03/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12800	16.0	01/04/2024	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<50.0	50.0	01/03/2024	ND	180	90.0	200	0.0888		
DRO >C10-C28*	12000	50.0	01/03/2024	ND	177	88.3	200	1.89		
EXT DRO >C28-C36	4440	50.0	01/03/2024	ND						

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 335 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SP 5 (H240018-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.79	89.7	2.00	12.5	
Toluene*	<0.050	0.050	01/03/2024	ND	1.79	89.6	2.00	12.9	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	1.79	89.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	5.26	87.6	6.00	12.3	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8130	16.0	01/04/2024	ND	432	108	400	0.00	QM-07

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<50.0	50.0	01/03/2024	ND	180	90.0	200	0.0888		
DRO >C10-C28*	16300	50.0	01/03/2024	ND	177	88.3	200	1.89		
EXT DRO >C28-C36	6120	50.0	01/03/2024	ND						

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 653 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SP 6 (H240018-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.79	89.7	2.00	12.5	
Toluene*	0.065	0.050	01/03/2024	ND	1.79	89.6	2.00	12.9	
Ethylbenzene*	0.158	0.050	01/03/2024	ND	1.79	89.3	2.00	12.1	
Total Xylenes*	0.406	0.150	01/03/2024	ND	5.26	87.6	6.00	12.3	
Total BTEX	0.629	0.300	01/03/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8400	16.0	01/04/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<50.0	50.0	01/03/2024	ND	180	90.0	200	0.0888		
DRO >C10-C28*	14900	50.0	01/03/2024	ND	177	88.3	200	1.89		
EXT DRO >C28-C36	6210	50.0	01/03/2024	ND						

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 521 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SP 7 (H240018-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.79	89.7	2.00	12.5	
Toluene*	<0.050	0.050	01/03/2024	ND	1.79	89.6	2.00	12.9	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	1.79	89.3	2.00	12.1	
Total Xylenes*	0.236	0.150	01/03/2024	ND	5.26	87.6	6.00	12.3	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12600	16.0	01/04/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	97.9	50.0	01/03/2024	ND	180	90.0	200	0.0888		
DRO >C10-C28*	21000	50.0	01/03/2024	ND	177	88.3	200	1.89		
EXT DRO >C28-C36	5980	50.0	01/03/2024	ND						

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 438 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SP 8 (H240018-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.79	89.7	2.00	12.5	
Toluene*	<0.050	0.050	01/03/2024	ND	1.79	89.6	2.00	12.9	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	1.79	89.3	2.00	12.1	
Total Xylenes*	0.211	0.150	01/03/2024	ND	5.26	87.6	6.00	12.3	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3840	16.0	01/04/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	64.9	50.0	01/03/2024	ND	180	90.0	200	0.0888		
DRO >C10-C28*	27300	50.0	01/03/2024	ND	177	88.3	200	1.89		
EXT DRO >C28-C36	10000	50.0	01/03/2024	ND						

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 1040 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SP 9 (H240018-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.79	89.7	2.00	12.5	
Toluene*	<0.050	0.050	01/03/2024	ND	1.79	89.6	2.00	12.9	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	1.79	89.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	5.26	87.6	6.00	12.3	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12400	16.0	01/04/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	144	100	01/04/2024	ND	180	90.0	200	0.0888		
DRO >C10-C28*	74600	100	01/04/2024	ND	177	88.3	200	1.89		
EXT DRO >C28-C36	18600	100	01/04/2024	ND						

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 2090 % 49.1-148

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Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SP 10 (H240018-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.79	89.7	2.00	12.5	
Toluene*	<0.050	0.050	01/03/2024	ND	1.79	89.6	2.00	12.9	
Ethylbenzene*	0.139	0.050	01/03/2024	ND	1.79	89.3	2.00	12.1	
Total Xylenes*	9.39	0.150	01/03/2024	ND	5.26	87.6	6.00	12.3	
Total BTEX	9.53	0.300	01/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	23200	16.0	01/04/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	570	50.0	01/03/2024	ND	180	90.0	200	0.0888		
DRO >C10-C28*	49600	50.0	01/03/2024	ND	177	88.3	200	1.89		
EXT DRO >C28-C36	10900	50.0	01/03/2024	ND						

Surrogate: 1-Chlorooctane 174 % 48.2-134

Surrogate: 1-Chlorooctadecane 1620 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 1 - SURF (H240018-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.79	89.7	2.00	12.5	
Toluene*	<0.050	0.050	01/03/2024	ND	1.79	89.6	2.00	12.9	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	1.79	89.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	5.26	87.6	6.00	12.3	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/04/2024	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	01/03/2024	ND	180	90.0	200	0.0888	
DRO >C10-C28*	<10.0	10.0	01/03/2024	ND	177	88.3	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	01/03/2024	ND					

Surrogate: 1-Chlorooctane 76.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 1 - 1' (H240018-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.79	89.7	2.00	12.5	
Toluene*	<0.050	0.050	01/03/2024	ND	1.79	89.6	2.00	12.9	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	1.79	89.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	5.26	87.6	6.00	12.3	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/04/2024	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	01/03/2024	ND	180	90.0	200	0.0888	
DRO >C10-C28*	<10.0	10.0	01/03/2024	ND	177	88.3	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	01/03/2024	ND					

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 2 - SURF (H240018-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.79	89.7	2.00	12.5	
Toluene*	<0.050	0.050	01/03/2024	ND	1.79	89.6	2.00	12.9	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	1.79	89.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	5.26	87.6	6.00	12.3	
Total BTEX	<0.300	0.300	01/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/04/2024	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	01/04/2024	ND	180	90.0	200	0.0888	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	177	88.3	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					

Surrogate: 1-Chlorooctane 80.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.3 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 2 - 1' (H240018-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.79	89.7	2.00	12.5	
Toluene*	<0.050	0.050	01/03/2024	ND	1.79	89.6	2.00	12.9	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	1.79	89.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	5.26	87.6	6.00	12.3	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/04/2024	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	01/04/2024	ND	180	90.0	200	0.0888	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	177	88.3	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					

Surrogate: 1-Chlorooctane 66.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 3 - SURF (H240018-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.79	89.7	2.00	12.5	
Toluene*	<0.050	0.050	01/03/2024	ND	1.79	89.6	2.00	12.9	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	1.79	89.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	5.26	87.6	6.00	12.3	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/04/2024	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	01/04/2024	ND	180	90.0	200	0.0888	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	177	88.3	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 49.1-148

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Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 3 - 1' (H240018-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.79	89.7	2.00	12.5	
Toluene*	<0.050	0.050	01/03/2024	ND	1.79	89.6	2.00	12.9	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	1.79	89.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	5.26	87.6	6.00	12.3	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/04/2024	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	01/04/2024	ND	180	90.0	200	0.0888	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	177	88.3	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 4 - SURF (H240018-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.79	89.7	2.00	12.5	
Toluene*	<0.050	0.050	01/03/2024	ND	1.79	89.6	2.00	12.9	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	1.79	89.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	5.26	87.6	6.00	12.3	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/04/2024	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	01/04/2024	ND	180	90.0	200	0.0888	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	177	88.3	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					

Surrogate: 1-Chlorooctane 76.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.6 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 4 - 1' (H240018-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.79	89.7	2.00	12.5	
Toluene*	<0.050	0.050	01/03/2024	ND	1.79	89.6	2.00	12.9	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	1.79	89.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	5.26	87.6	6.00	12.3	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/04/2024	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	01/04/2024	ND	180	90.0	200	0.0888	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	177	88.3	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 5 - SURF (H240018-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.79	89.7	2.00	12.5	
Toluene*	<0.050	0.050	01/03/2024	ND	1.79	89.6	2.00	12.9	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	1.79	89.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	5.26	87.6	6.00	12.3	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/04/2024	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	01/04/2024	ND	180	90.0	200	0.0888	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	177	88.3	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					

Surrogate: 1-Chlorooctane 76.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.6 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 5 - 1' (H240018-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.79	89.7	2.00	12.5	
Toluene*	<0.050	0.050	01/03/2024	ND	1.79	89.6	2.00	12.9	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	1.79	89.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	5.26	87.6	6.00	12.3	
Total BTEX	<0.300	0.300	01/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/04/2024	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	01/03/2024	ND	174	87.0	200	3.12	
DRO >C10-C28*	<10.0	10.0	01/03/2024	ND	171	85.7	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	01/03/2024	ND					

Surrogate: 1-Chlorooctane 73.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 6 - SURF (H240018-21)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.95	97.4	2.00	8.95	
Toluene*	<0.050	0.050	01/03/2024	ND	1.99	99.5	2.00	8.81	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	2.06	103	2.00	8.28	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	6.16	103	6.00	8.16	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/04/2024	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	01/03/2024	ND	174	87.0	200	3.12	
DRO >C10-C28*	<10.0	10.0	01/03/2024	ND	171	85.7	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	01/03/2024	ND					

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 6 - 1' (H240018-22)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.95	97.4	2.00	8.95	
Toluene*	<0.050	0.050	01/03/2024	ND	1.99	99.5	2.00	8.81	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	2.06	103	2.00	8.28	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	6.16	103	6.00	8.16	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/04/2024	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	01/03/2024	ND	174	87.0	200	3.12	
DRO >C10-C28*	<10.0	10.0	01/03/2024	ND	171	85.7	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	01/03/2024	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 7 - SURF (H240018-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.95	97.4	2.00	8.95	
Toluene*	<0.050	0.050	01/03/2024	ND	1.99	99.5	2.00	8.81	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	2.06	103	2.00	8.28	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	6.16	103	6.00	8.16	
Total BTEX	<0.300	0.300	01/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/04/2024	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	01/03/2024	ND	174	87.0	200	3.12	
DRO >C10-C28*	<10.0	10.0	01/03/2024	ND	171	85.7	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	01/03/2024	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 7 - 1' (H240018-24)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.95	97.4	2.00	8.95	
Toluene*	<0.050	0.050	01/03/2024	ND	1.99	99.5	2.00	8.81	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	2.06	103	2.00	8.28	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	6.16	103	6.00	8.16	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/04/2024	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	01/03/2024	ND	174	87.0	200	3.12	
DRO >C10-C28*	<10.0	10.0	01/03/2024	ND	171	85.7	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	01/03/2024	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 8 - SURF (H240018-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.95	97.4	2.00	8.95	
Toluene*	<0.050	0.050	01/03/2024	ND	1.99	99.5	2.00	8.81	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	2.06	103	2.00	8.28	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	6.16	103	6.00	8.16	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/04/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2024	ND	174	87.0	200	3.12	
DRO >C10-C28*	<10.0	10.0	01/03/2024	ND	171	85.7	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	01/03/2024	ND					

Surrogate: 1-Chlorooctane 66.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 8 - 1' (H240018-26)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.95	97.4	2.00	8.95	
Toluene*	<0.050	0.050	01/03/2024	ND	1.99	99.5	2.00	8.81	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	2.06	103	2.00	8.28	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	6.16	103	6.00	8.16	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/04/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2024	ND	174	87.0	200	3.12	
DRO >C10-C28*	<10.0	10.0	01/03/2024	ND	171	85.7	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	01/03/2024	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 9 - SURF (H240018-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.95	97.4	2.00	8.95	
Toluene*	<0.050	0.050	01/03/2024	ND	1.99	99.5	2.00	8.81	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	2.06	103	2.00	8.28	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	6.16	103	6.00	8.16	
Total BTEX	<0.300	0.300	01/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/04/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2024	ND	174	87.0	200	3.12	
DRO >C10-C28*	<10.0	10.0	01/03/2024	ND	171	85.7	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	01/03/2024	ND					

Surrogate: 1-Chlorooctane 74.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 9 - 1' (H240018-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.95	97.4	2.00	8.95	
Toluene*	<0.050	0.050	01/03/2024	ND	1.99	99.5	2.00	8.81	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	2.06	103	2.00	8.28	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	6.16	103	6.00	8.16	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/04/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2024	ND	174	87.0	200	3.12	
DRO >C10-C28*	<10.0	10.0	01/03/2024	ND	171	85.7	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	01/03/2024	ND					

Surrogate: 1-Chlorooctane 74.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.9 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 10 - SURF (H240018-29)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.95	97.4	2.00	8.95	
Toluene*	<0.050	0.050	01/03/2024	ND	1.99	99.5	2.00	8.81	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	2.06	103	2.00	8.28	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	6.16	103	6.00	8.16	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/04/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2024	ND	174	87.0	200	3.12	
DRO >C10-C28*	<10.0	10.0	01/03/2024	ND	171	85.7	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	01/03/2024	ND					

Surrogate: 1-Chlorooctane 70.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 10 - 1' (H240018-30)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.95	97.4	2.00	8.95	
Toluene*	<0.050	0.050	01/03/2024	ND	1.99	99.5	2.00	8.81	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	2.06	103	2.00	8.28	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	6.16	103	6.00	8.16	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/04/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2024	ND	174	87.0	200	3.12	
DRO >C10-C28*	<10.0	10.0	01/03/2024	ND	171	85.7	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	01/03/2024	ND					

Surrogate: 1-Chlorooctane 59.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.2 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 11 - SURF (H240018-31)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.95	97.4	2.00	8.95	
Toluene*	<0.050	0.050	01/03/2024	ND	1.99	99.5	2.00	8.81	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	2.06	103	2.00	8.28	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	6.16	103	6.00	8.16	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/04/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2024	ND	174	87.0	200	3.12	
DRO >C10-C28*	<10.0	10.0	01/03/2024	ND	171	85.7	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	01/03/2024	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 11 - 1' (H240018-32)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.95	97.4	2.00	8.95	
Toluene*	<0.050	0.050	01/03/2024	ND	1.99	99.5	2.00	8.81	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	2.06	103	2.00	8.28	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	6.16	103	6.00	8.16	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/04/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2024	ND	174	87.0	200	3.12	
DRO >C10-C28*	<10.0	10.0	01/03/2024	ND	171	85.7	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	01/03/2024	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 12 - SURF (H240018-33)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.95	97.4	2.00	8.95	
Toluene*	<0.050	0.050	01/03/2024	ND	1.99	99.5	2.00	8.81	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	2.06	103	2.00	8.28	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	6.16	103	6.00	8.16	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/04/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2024	ND	174	87.0	200	3.12	
DRO >C10-C28*	<10.0	10.0	01/03/2024	ND	171	85.7	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	01/03/2024	ND					

Surrogate: 1-Chlorooctane 71.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 12 - 1' (H240018-34)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.95	97.4	2.00	8.95	
Toluene*	<0.050	0.050	01/03/2024	ND	1.99	99.5	2.00	8.81	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	2.06	103	2.00	8.28	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	6.16	103	6.00	8.16	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/04/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2024	ND	174	87.0	200	3.12	
DRO >C10-C28*	<10.0	10.0	01/03/2024	ND	171	85.7	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	01/03/2024	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 13 - SURF (H240018-35)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.95	97.4	2.00	8.95	
Toluene*	<0.050	0.050	01/03/2024	ND	1.99	99.5	2.00	8.81	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	2.06	103	2.00	8.28	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	6.16	103	6.00	8.16	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/04/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2024	ND	174	87.0	200	3.12	
DRO >C10-C28*	<10.0	10.0	01/03/2024	ND	171	85.7	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	01/03/2024	ND					

Surrogate: 1-Chlorooctane 75.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.2 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 13 - 1' (H240018-36)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.95	97.4	2.00	8.95	
Toluene*	<0.050	0.050	01/03/2024	ND	1.99	99.5	2.00	8.81	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	2.06	103	2.00	8.28	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	6.16	103	6.00	8.16	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/04/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2024	ND	174	87.0	200	3.12	
DRO >C10-C28*	<10.0	10.0	01/03/2024	ND	171	85.7	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	01/03/2024	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 14 - SURF (H240018-37)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.95	97.4	2.00	8.95	
Toluene*	<0.050	0.050	01/03/2024	ND	1.99	99.5	2.00	8.81	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	2.06	103	2.00	8.28	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	6.16	103	6.00	8.16	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/04/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2024	ND	174	87.0	200	3.12	
DRO >C10-C28*	<10.0	10.0	01/03/2024	ND	171	85.7	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	01/03/2024	ND					

Surrogate: 1-Chlorooctane 71.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 14 - 1' (H240018-38)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.95	97.4	2.00	8.95	
Toluene*	<0.050	0.050	01/03/2024	ND	1.99	99.5	2.00	8.81	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	2.06	103	2.00	8.28	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	6.16	103	6.00	8.16	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/04/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2024	ND	174	87.0	200	3.12	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	171	85.7	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					

Surrogate: 1-Chlorooctane 70.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.6 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 15 - SURF (H240018-39)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.95	97.4	2.00	8.95	
Toluene*	<0.050	0.050	01/03/2024	ND	1.99	99.5	2.00	8.81	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	2.06	103	2.00	8.28	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	6.16	103	6.00	8.16	
Total BTEX	<0.300	0.300	01/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/04/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2024	ND	174	87.0	200	3.12	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	171	85.7	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 15 - 1' (H240018-40)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2024	ND	1.95	97.4	2.00	8.95	
Toluene*	<0.050	0.050	01/03/2024	ND	1.99	99.5	2.00	8.81	
Ethylbenzene*	<0.050	0.050	01/03/2024	ND	2.06	103	2.00	8.28	
Total Xylenes*	<0.150	0.150	01/03/2024	ND	6.16	103	6.00	8.16	
Total BTEX	<0.300	0.300	01/03/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/04/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2024	ND	206	103	200	2.82	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	203	101	200	0.583	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 16 - SURF (H240018-41)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.07	104	2.00	5.48	
Toluene*	<0.050	0.050	01/04/2024	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.25	113	2.00	3.45	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.78	113	6.00	3.74	
Total BTEX	<0.300	0.300	01/04/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/04/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2024	ND	206	103	200	2.82	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	203	101	200	0.583	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/03/2024	Sampling Date:	01/02/2024
Reported:	01/05/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: HZ 16 - 1' (H240018-42)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2024	ND	2.07	104	2.00	5.48	
Toluene*	<0.050	0.050	01/04/2024	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.25	113	2.00	3.45	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.78	113	6.00	3.74	
Total BTEX	<0.300	0.300	01/04/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/04/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2024	ND	206	103	200	2.82	
DRO >C10-C28*	<10.0	10.0	01/04/2024	ND	203	101	200	0.583	
EXT DRO >C28-C36	<10.0	10.0	01/04/2024	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #: Murchison Oil & Gas	
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas	
Address: PO Box 1058		Attn: Greg Boans	
City: Hobbs	State: NM	Zip: 88241	Address: 5325 Sierra Vista
Phone #: 575 393-3386	Fax #:	City: Carlsbad	State: NM
Project #: Grizzly Bear State Com #2H	Project Owner: Murchison Oil & Gas	Zip: 88230	Phone #: 575 706-0867
Project Name: U/L I Sec 1 T17S - R28E	Project Location: U/L I Sec 1 T17S - R28E	Fax #:	
Sampler Name: Jerry Heidelberg	FOR LAB USE ONLY	PRESERV.	SAMPLING

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
HA40018			1							1/2/24				
1	SP1	G	1	X						1/2/24	X	X	X	
2	SP2	G	1	X						1/2/24	X	X	X	
3	SP3	G	1	X						1/2/24	X	X	X	
4	SP4	G	1	X						1/2/24	X	X	X	
5	SP5	G	1	X						1/2/24	X	X	X	
6	SP6	G	1	X						1/2/24	X	X	X	
7	SP7	G	1	X						1/2/24	X	X	X	
8	SP8	G	1	X						1/2/24	X	X	X	
9	SP9	G	1	X						1/2/24	X	X	X	
10	SP10	G	1	X						1/2/24	X	X	X	

Relinquished By: <i>Jerry Heidelberg</i>	Date: 1-3-24	Received By: <i>Greg Boans</i>
Time: 1835		

Delivered By: (Circle One) UPS Bus Other: *146*

Sample Condition: Intact Cool Yes No

Checked By: *SV*

REMARKS: Email results to: pm@hungry-horse.com gboans@jdmii.com



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: PO Box 1058
 City: Hobbs State: NM Zip: 88241
 Phone #: 575 393-3386 Fax #:
 Project #: Murchison Oil & Gas
 Project Name: Grizzly Bear State Com #2H
 Project Location: UL / 1 Sac 1 T17S - R28E
 Sampler Name: Jerry Heidelberg
 P.O. #: Murchison Oil & Gas
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0667
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
H240018															
11	HZ1-Surf	G	1	X							1/2/24		X	X	X
12	HZ1-1'	G	1	X							1/2/24		X	X	X
13	HZ2-Surf	G	1	X							1/2/24		X	X	X
14	HZ2-1'	G	1	X							1/2/24		X	X	X
15	HZ3-Surf	G	1	X							1/2/24		X	X	X
16	HZ3-1'	G	1	X							1/2/24		X	X	X
17	HZ4-Surf	G	1	X							1/2/24		X	X	X
18	HZ4-1'	G	1	X							1/2/24		X	X	X
19	HZ5-Surf	G	1	X							1/2/24		X	X	X
20	HZ5-1'	G	1	X							1/2/24		X	X	X

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Relinquished By: *Jerry Heidelberg*
 Date: 1-3-24
 Time: 0835
 Received By: *Greg Boans*
 Date:
 Time:
 Sample Condition: Cool Intact Yes No
 Checked By: *gboans*

REMARKS:
 Email results to: pm@hungry-horse.com
 gboans@jdmil.com

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: 1.4c #140
 Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC
Project Manager: Daniel Dominguez
Address: PO Box 1058
City: Hobbs
State: NM
Zip: 88241
Phone #: 575 393-3386
Fax #:
Project #:
Project Owner: Murchison Oil & Gas
Project Name: Grizzly Bear State Com #2H
Project Location: UL / Sec 1 T17S - R28E
Sampler Name: Jerry Heidelberg

BILL TO
P.O. #:
Company: Murchison Oil & Gas
Attn: Greg Boans
Address: 5325 Sierra Vista
City: Carlsbad
State: NM
Zip: 88230
Phone #: 575 706-0667
Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
H240018			1								1/2/24				
31	HZ6-Surf	G	1	X							1/2/24	X	X	X	
32	HZ6-1'	G	1	X							1/2/24	X	X	X	
33	HZ7-Surf	G	1	X							1/2/24	X	X	X	
34	HZ7-1'	G	1	X							1/2/24	X	X	X	
35	HZ8-Surf	G	1	X							1/2/24	X	X	X	
36	HZ8-1'	G	1	X							1/2/24	X	X	X	
37	HZ9-Surf	G	1	X							1/2/24	X	X	X	
38	HZ9-1'	G	1	X							1/2/24	X	X	X	
39	HZ10-Surf	G	1	X							1/2/24	X	X	X	
30	HZ10-1'	G	1	X							1/2/24	X	X	X	

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Relinquished By: Jerry Heidelberg
Date: 1-3-24
Time: 0835
Received By: [Signature]
Date:
Time:

Delivered By: (Circle One)
 Sampler - UPS Bus Other
 #140
 1.4c
Sample Condition:
 Cool Intact
 Yes No
CHECKED BY: [Signature] (Initials) gbo

REMARKS:
 Email results to: pm@hungry-horse.com
 gboans@jdmiii.com

Phone Result: Yes No
Fax Result: Yes No
Add'l Phone #:
Add'l Fax #:

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #: _____		BILL TO		ANALYSIS REQUEST					
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas		Company: _____							
Address: PO Box 1058		Attn: Greg Boans		Address: 5325 Sierra Vista							
City: Hobbs	State: NM	Zip: 88241	City: Carlsbad								
Phone #: 575 393-3386	Fax #: _____	State: NM		Zip: 88230							
Project #: _____	Project Owner: Murchison Oil & Gas	State: NM		Zip: 88230							
Project Name: Grizzly Bear State Cor #2H	Phone #: 575 706-0667		Fax #: _____								
Project Location: U/L I Sec 1 T17S - R28E	Sample Name: Jerry Heidelberg		FOR LAB USE ONLY								

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.	SAMPLING	DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE							
H240018																	
31	HZ11-Surf	G 1	1	X										X	X	X	
32	HZ11-1'	G 1	1	X										X	X	X	
33	HZ12-Surf	G 1	1	X										X	X	X	
34	HZ12-1'	G 1	1	X										X	X	X	
35	HZ13-Surf	G 1	1	X										X	X	X	
36	HZ13-1'	G 1	1	X										X	X	X	
37	HZ14-Surf	G 1	1	X										X	X	X	
38	HZ14-1'	G 1	1	X										X	X	X	
39	HZ15-Surf	G 1	1	X										X	X	X	
40	HZ15-1'	G 1	1	X										X	X	X	

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Relinquished By: _____	Date: 1-3-24	Received By: _____	Date: 1-8-25
Relinquished By: _____	Date: _____	Received By: _____	Date: _____

Delivered By: (Circle One) UPS Bus Other: 1.4c

Sampler - UPS - Bus - Other: #140

Sample Condition: Cool Intact

Checked By: _____ (Initials)

REMARKS: _____

Phone Result: Yes No Add'l Phone #: _____

Fax Result: Yes No Add'l Fax #: _____

Email results to: pm@hungry-horse.com
gboans@jdmil.com

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: PO Box 1058
 City: Hobbs
 State: NM Zip: 88241
 Phone #: 575 393-3386 Fax #:
 Project #:
 Project Owner: Murchison Oil & Gas
 Project Name: Gizzly Bear State Com #2H
 Project Location: UL/1 Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg
 P.O. #:
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0667
 Fax #:
 MATRIX
 PRESERV. SAMPLING

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
H240018	H1		1			X					1/2/24		X	X	X
	H2		1			X					1/2/24		X	X	X
	HZ16-Surf														
	HZ16-1'														

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Relinquished By: *[Signature]* Date: 1-3-24
 Relinquished By: *[Signature]* Date: 1-3-24
 Received By: *[Signature]*
 Delivered By: (Circle One) UPS Bus Other:
 Sample Condition: Intact Cool Yes No

REMARKS:
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 Email results to: pm@hungry-horse.com
 gboans@jdmil.com

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



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

February 01, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: GRIZZLY BEAR STATE COM #2H

Enclosed are the results of analyses for samples received by the laboratory on 01/29/24 14:34.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/29/2024	Sampling Date:	01/29/2024
Reported:	02/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MURCHISON UL/ I SEC 1 T17S - R28E		

Sample ID: SP 1 - 5' (H240389-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.26	113	2.00	0.00234	
Toluene*	<0.050	0.050	01/30/2024	ND	2.28	114	2.00	0.000523	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.27	114	2.00	0.153	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.85	114	6.00	0.306	
Total BTEX	<0.300	0.300	01/30/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6160	16.0	01/30/2024	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	01/30/2024	ND	198	98.9	200	2.97	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	200	99.9	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/29/2024	Sampling Date:	01/29/2024
Reported:	02/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MURCHISON UL/ I SEC 1 T17S - R28E		

Sample ID: SP 2 - 5' (H240389-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.26	113	2.00	0.00234	
Toluene*	<0.050	0.050	01/30/2024	ND	2.28	114	2.00	0.000523	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.27	114	2.00	0.153	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.85	114	6.00	0.306	
Total BTEX	<0.300	0.300	01/30/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10800	16.0	01/30/2024	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	01/30/2024	ND	198	98.9	200	2.97	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	200	99.9	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/29/2024	Sampling Date:	01/29/2024
Reported:	02/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MURCHISON UL/ I SEC 1 T17S - R28E		

Sample ID: SP 3 - 5' (H240389-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.26	113	2.00	0.00234	
Toluene*	<0.050	0.050	01/30/2024	ND	2.28	114	2.00	0.000523	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.27	114	2.00	0.153	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.85	114	6.00	0.306	
Total BTEX	<0.300	0.300	01/30/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6560	16.0	01/30/2024	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	01/30/2024	ND	198	98.9	200	2.97	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	200	99.9	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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

Received:	01/29/2024	Sampling Date:	01/29/2024
Reported:	02/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MURCHISON UL/ I SEC 1 T17S - R28E		

Sample ID: SP 4 - 5' (H240389-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.26	113	2.00	0.00234	
Toluene*	<0.050	0.050	01/30/2024	ND	2.28	114	2.00	0.000523	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.27	114	2.00	0.153	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.85	114	6.00	0.306	
Total BTEX	<0.300	0.300	01/30/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	01/30/2024	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	01/30/2024	ND	198	98.9	200	2.97	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	200	99.9	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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Received:	01/29/2024	Sampling Date:	01/29/2024
Reported:	02/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MURCHISON UL/ I SEC 1 T17S - R28E		

Sample ID: SP 5 - 5' (H240389-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.26	113	2.00	0.00234	
Toluene*	<0.050	0.050	01/30/2024	ND	2.28	114	2.00	0.000523	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.27	114	2.00	0.153	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.85	114	6.00	0.306	
Total BTEX	<0.300	0.300	01/30/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5760	16.0	01/30/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2024	ND	198	98.9	200	2.97	
DRO >C10-C28*	22.5	10.0	01/30/2024	ND	200	99.9	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/29/2024	Sampling Date:	01/29/2024
Reported:	02/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MURCHISON UL/ I SEC 1 T17S - R28E		

Sample ID: SP 6 - 5' (H240389-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.26	113	2.00	0.00234	
Toluene*	<0.050	0.050	01/30/2024	ND	2.28	114	2.00	0.000523	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.27	114	2.00	0.153	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.85	114	6.00	0.306	
Total BTEX	<0.300	0.300	01/30/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7280	16.0	01/30/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2024	ND	198	98.9	200	2.97	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	200	99.9	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 49.1-148

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Analytical Results For:

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

Received:	01/29/2024	Sampling Date:	01/29/2024
Reported:	02/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MURCHISON UL/ I SEC 1 T17S - R28E		

Sample ID: SP 7 - 5' (H240389-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.26	113	2.00	0.00234	
Toluene*	<0.050	0.050	01/30/2024	ND	2.28	114	2.00	0.000523	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.27	114	2.00	0.153	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.85	114	6.00	0.306	
Total BTEX	<0.300	0.300	01/30/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10000	16.0	01/30/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2024	ND	198	98.9	200	2.97	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	200	99.9	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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

Analytical Results For:

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

Received:	01/29/2024	Sampling Date:	01/29/2024
Reported:	02/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MURCHISON UL/ I SEC 1 T17S - R28E		

Sample ID: SP 8 - 5' (H240389-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.26	113	2.00	0.00234	
Toluene*	<0.050	0.050	01/30/2024	ND	2.28	114	2.00	0.000523	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.27	114	2.00	0.153	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.85	114	6.00	0.306	
Total BTEX	<0.300	0.300	01/30/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	17000	16.0	01/30/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2024	ND	198	98.9	200	2.97	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	200	99.9	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received:	01/29/2024	Sampling Date:	01/29/2024
Reported:	02/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MURCHISON UL/ I SEC 1 T17S - R28E		

Sample ID: SP 9 - 5' (H240389-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.26	113	2.00	0.00234	
Toluene*	<0.050	0.050	01/30/2024	ND	2.28	114	2.00	0.000523	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.27	114	2.00	0.153	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.85	114	6.00	0.306	
Total BTEX	<0.300	0.300	01/30/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16400	16.0	01/30/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2024	ND	198	98.9	200	2.97	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	200	99.9	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (505) 391-4585

Received:	01/29/2024	Sampling Date:	01/29/2024
Reported:	02/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MURCHISON UL/ I SEC 1 T17S - R28E		

Sample ID: SP 10 - 5' (H240389-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2024	ND	2.18	109	2.00	0.228	
Toluene*	<0.050	0.050	01/31/2024	ND	2.35	117	2.00	2.18	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.45	123	2.00	1.27	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	7.44	124	6.00	0.921	
Total BTEX	<0.300	0.300	01/31/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7840	16.0	01/30/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2024	ND	194	97.2	200	4.58	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	212	106	200	1.57	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		BILL TO		ANALYSIS REQUEST														
Project Manager: Daniel Dominguez		P.O. #:																
Address: PO Box 1058		Company: Murchison Oil & Gas																
City: Hobbs	State: NM	Zip: 88241	Attn: Greg Boans															
Phone #: 575 393-3386	Fax #:	Address: 5325 Sierra Vista																
Project #:	Project Owner: Murchison Oil & Gas	City: Carlsbad	State: NM	Zip: 88230														
Project Name: Grizzly Bear State Com #2H	State: NM	Phone #: 575 706-0667																
Project Location: UL/1 Sec 1 T17S - R28E	Sample Name: Jerry Heidelberg	Fax #:																
<small>FOR LAB USE ONLY</small>																		
Lab I.D. Sample I.D.		(G)RAB OR (C)OMP.																
H240389		# CONTAINERS																
		GROUNDWATER																
		WASTEWATER																
		SOIL																
		OIL																
		SLUDGE																
		OTHER :																
		ACID/BASE:																
		ICE / COOL																
		OTHER :																
		PRESERV.																
		SAMPLING																
1	SP1-5'	G	1	X	1/29/24	Chloride	X											
2	SP2-5'	G	1	X	1/29/24	TPH	X											
3	SP3-5'	G	1	X	1/29/24	BTEX 8021	X											
4	SP4-5'	G	1	X	1/29/24		X											
5	SP5-5'	G	1	X	1/29/24		X											
6	SP6-5'	G	1	X	1/29/24		X											
7	SP7-5'	G	1	X	1/29/24		X											
8	SP8-5'	G	1	X	1/29/24		X											
9	SP9-5'	G	1	X	1/29/24		X											
10	SP10-5'	G	1	X	1/29/24		X											

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Relinquished By: *[Signature]* Date: **1-29-24** Time: **14:34**

Received By: *[Signature]* Date: _____ Time: _____

Delivered By: (Circle One) **UPS** - Bus - Other: **270** Sample Condition: Intact Cool Yes No No No

Checked By: *[Signature]* #140

REMARKS: Email results to: **pm@hungry-horse.com** **gboans@idmii.com**

Phone Result: Yes No Add'l Phone #:

Fax Result: Yes No Add'l Fax #:

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



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

March 07, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: GRIZZLY BEAR STATE COM #2H

Enclosed are the results of analyses for samples received by the laboratory on 03/06/24 15:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/06/2024	Sampling Date:	03/05/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	MURCHISON UL/ I SEC 1 T17S - R28E		

Sample ID: BH1 - 40' (H241133-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2024	ND	1.81	90.4	2.00	5.35	
Toluene*	<0.050	0.050	03/06/2024	ND	1.90	95.0	2.00	5.29	
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	1.87	93.4	2.00	4.92	
Total Xylenes*	<0.150	0.150	03/06/2024	ND	5.80	96.7	6.00	4.25	
Total BTEX	<0.300	0.300	03/06/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/07/2024	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	03/06/2024	ND	181	90.6	200	8.72	
DRO >C10-C28*	<10.0	10.0	03/06/2024	ND	193	96.7	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	03/06/2024	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/06/2024	Sampling Date:	03/05/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	MURCHISON UL/ I SEC 1 T17S - R28E		

Sample ID: BH2 - 60' (H241133-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/06/2024	ND	1.81	90.4	2.00	5.35		
Toluene*	<0.050	0.050	03/06/2024	ND	1.90	95.0	2.00	5.29		
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	1.87	93.4	2.00	4.92		
Total Xylenes*	<0.150	0.150	03/06/2024	ND	5.80	96.7	6.00	4.25		
Total BTEX	<0.300	0.300	03/06/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	03/07/2024	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	03/06/2024	ND	181	90.6	200	8.72		
DRO >C10-C28*	<10.0	10.0	03/06/2024	ND	193	96.7	200	2.82		
EXT DRO >C28-C36	<10.0	10.0	03/06/2024	ND						

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/06/2024	Sampling Date:	03/05/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	MURCHISON UL/ I SEC 1 T17S - R28E		

Sample ID: BH3 - 20' (H241133-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2024	ND	1.81	90.4	2.00	5.35	
Toluene*	<0.050	0.050	03/06/2024	ND	1.90	95.0	2.00	5.29	
Ethylbenzene*	<0.050	0.050	03/06/2024	ND	1.87	93.4	2.00	4.92	
Total Xylenes*	<0.150	0.150	03/06/2024	ND	5.80	96.7	6.00	4.25	
Total BTEX	<0.300	0.300	03/06/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/07/2024	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	03/06/2024	ND	181	90.6	200	8.72	
DRO >C10-C28*	<10.0	10.0	03/06/2024	ND	193	96.7	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	03/06/2024	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO		ANALYSIS REQUEST					
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas									
Address: 4024 Plains Hwy		Attn: Greg Boans									
City: Lovington	State: NM	Zip: 88260	Address: 5325 Sierra Vista								
Phone #: 575 393-3386	Fax #:	City: Carlsbad									
Project #:	Project Owner: Murchison Oil & Gas	State: NM		Zip: 88230							
Project Name: Grizzly Bear State Com #2H	Project Location: U/L 1 Sec 1 T17S - R28E		Phone #: 575 706-0667								
Sampler Name: Jerry Heidelberg	FOR LAB USE ONLY		Fax #:								
Lab I.D. H241133		Sample I.D.									
		(G)RAB OR (C)OMP.	MATRIX		PRESERV.	SAMPLING					
		# CONTAINERS	GROUNDWATER								
			WASTEWATER								
			SOIL								
			OIL								
			SLUDGE								
			OTHER :								
			ACID/BASE:								
			ICE / COOL								
			OTHER :								
			DATE	TIME	Chloride	TPH	BTEX 8021				
1	BH1-40'	G	1		X	X	X				
2	BH2-60'	G	1		X	X	X				
3	BH3-20'	G	1		X	X	X				

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Relinquished By: *[Signature]* Date: 3/6/24 Time: 1547
 Received By: *[Signature]* Date: 3/5/24 Time: 2:49p

Delivered By: (Circle One) UPS Bus Other: *HLUD*

Sample Condition: Cool Intact Yes No Yes No

CHECKED BY: *[Signature]* (Initials)

REMARKS: Email results to: pm@hungry-horse.com gboans@jdmil.com

Phone Result: Yes No Add'l Phone #: *24hr*
 Fax Result: Yes No Add'l Fax #:

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



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

June 28, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: GRIZZLY BEAR STATE COM #2H

Enclosed are the results of analyses for samples received by the laboratory on 06/24/24 8:20.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 1 A (H243711-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	ND	2.12	106	2.00	2.06	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	97.9	2.00	0.440	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.96	97.8	2.00	0.649	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.94	99.0	6.00	0.128	
Total BTEX	<0.300	0.300	06/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	06/25/2024	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	06/25/2024	ND	193	96.3	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	217	109	200	0.804	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 1 B (H243711-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	ND	2.12	106	2.00	2.06	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	97.9	2.00	0.440	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.96	97.8	2.00	0.649	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.94	99.0	6.00	0.128	
Total BTEX	<0.300	0.300	06/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/25/2024	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	06/25/2024	ND	193	96.3	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	217	109	200	0.804	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 1 C (H243711-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	ND	2.12	106	2.00	2.06	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	97.9	2.00	0.440	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.96	97.8	2.00	0.649	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.94	99.0	6.00	0.128	
Total BTEX	<0.300	0.300	06/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/25/2024	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	06/25/2024	ND	193	96.3	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	217	109	200	0.804	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 1 D (H243711-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	ND	2.12	106	2.00	2.06	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	97.9	2.00	0.440	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.96	97.8	2.00	0.649	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.94	99.0	6.00	0.128	
Total BTEX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/25/2024	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	06/25/2024	ND	193	96.3	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	217	109	200	0.804	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 1 E (H243711-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	ND	2.12	106	2.00	2.06	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	97.9	2.00	0.440	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.96	97.8	2.00	0.649	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.94	99.0	6.00	0.128	
Total BTEX	<0.300	0.300	06/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/25/2024	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	06/25/2024	ND	193	96.3	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	217	109	200	0.804	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 1 F (H243711-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	ND	2.12	106	2.00	2.06	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	97.9	2.00	0.440	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.96	97.8	2.00	0.649	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.94	99.0	6.00	0.128	
Total BTEX	<0.300	0.300	06/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/25/2024	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	06/25/2024	ND	193	96.3	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	217	109	200	0.804	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 1 G (H243711-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	ND	2.12	106	2.00	2.06	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	97.9	2.00	0.440	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.96	97.8	2.00	0.649	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.94	99.0	6.00	0.128	
Total BTEX	<0.300	0.300	06/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/25/2024	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	06/25/2024	ND	193	96.3	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	217	109	200	0.804	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 1 H (H243711-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	ND	2.12	106	2.00	2.06	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	97.9	2.00	0.440	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.96	97.8	2.00	0.649	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.94	99.0	6.00	0.128	
Total BTEX	<0.300	0.300	06/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/25/2024	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	06/25/2024	ND	193	96.3	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	217	109	200	0.804	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 1 I (H243711-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	ND	2.12	106	2.00	2.06	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	97.9	2.00	0.440	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.96	97.8	2.00	0.649	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.94	99.0	6.00	0.128	
Total BTEX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/25/2024	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	06/25/2024	ND	193	96.3	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	217	109	200	0.804	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 1 J (H243711-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	ND	2.12	106	2.00	2.06	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	97.9	2.00	0.440	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.96	97.8	2.00	0.649	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.94	99.0	6.00	0.128	
Total BTEX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/25/2024	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	06/25/2024	ND	193	96.3	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	217	109	200	0.804	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 2 A (H243711-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	ND	2.12	106	2.00	2.06	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	97.9	2.00	0.440	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.96	97.8	2.00	0.649	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.94	99.0	6.00	0.128	
Total BTEX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/25/2024	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	06/25/2024	ND	193	96.3	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	217	109	200	0.804	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 2 B (H243711-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	ND	2.12	106	2.00	2.06	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	97.9	2.00	0.440	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.96	97.8	2.00	0.649	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.94	99.0	6.00	0.128	
Total BTEX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/25/2024	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	06/25/2024	ND	193	96.3	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	217	109	200	0.804	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 2 C (H243711-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	ND	2.12	106	2.00	2.06	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	97.9	2.00	0.440	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.96	97.8	2.00	0.649	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.94	99.0	6.00	0.128	
Total BTEX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/25/2024	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	06/25/2024	ND	193	96.3	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	217	109	200	0.804	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 2 D (H243711-14)

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	06/26/2024	ND	2.12	106	2.00	2.06	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	97.9	2.00	0.440	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.96	97.8	2.00	0.649	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.94	99.0	6.00	0.128	
Total BTEX	<0.300	0.300	06/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/25/2024	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	06/25/2024	ND	193	96.3	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	217	109	200	0.804	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 2 E (H243711-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	ND	2.12	106	2.00	2.06	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	97.9	2.00	0.440	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.96	97.8	2.00	0.649	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.94	99.0	6.00	0.128	
Total BTEX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/25/2024	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	06/25/2024	ND	192	95.8	200	8.34	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	199	99.5	200	9.30	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 61.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 60.7 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 2 F (H243711-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	ND	2.12	106	2.00	2.06	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	97.9	2.00	0.440	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.96	97.8	2.00	0.649	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.94	99.0	6.00	0.128	
Total BTEX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/25/2024	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	06/25/2024	ND	192	95.8	200	8.34	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	199	99.5	200	9.30	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 55.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 55.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 2 G (H243711-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	ND	2.12	106	2.00	2.06	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	97.9	2.00	0.440	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.96	97.8	2.00	0.649	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.94	99.0	6.00	0.128	
Total BTEX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/25/2024	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	06/25/2024	ND	192	95.8	200	8.34	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	199	99.5	200	9.30	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 69.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.6 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 2 H (H243711-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	ND	2.03	101	2.00	11.6	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	98.2	2.00	11.0	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.91	95.7	2.00	11.3	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.60	93.3	6.00	11.4	
Total BTEX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/25/2024	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	06/25/2024	ND	192	95.8	200	8.34	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	199	99.5	200	9.30	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 2 I (H243711-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	ND	2.03	101	2.00	11.6	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	98.2	2.00	11.0	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.91	95.7	2.00	11.3	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.60	93.3	6.00	11.4	
Total BTEX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/25/2024	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	06/25/2024	ND	192	95.8	200	8.34	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	199	99.5	200	9.30	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 2 J (H243711-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	ND	2.03	101	2.00	11.6	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	98.2	2.00	11.0	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.91	95.7	2.00	11.3	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.60	93.3	6.00	11.4	
Total BTEX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/25/2024	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	06/25/2024	ND	192	95.8	200	8.34	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	199	99.5	200	9.30	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 72.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 3 A (H243711-21)

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	06/26/2024	ND	2.03	101	2.00	11.6	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	98.2	2.00	11.0	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.91	95.7	2.00	11.3	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.60	93.3	6.00	11.4	
Total BTEX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/25/2024	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	06/25/2024	ND	192	95.8	200	8.34	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	199	99.5	200	9.30	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 3 B (H243711-22)

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	06/26/2024	ND	2.03	101	2.00	11.6	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	98.2	2.00	11.0	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.91	95.7	2.00	11.3	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.60	93.3	6.00	11.4	
Total BTEX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/25/2024	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	06/25/2024	ND	192	95.8	200	8.34	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	199	99.5	200	9.30	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 3 C (H243711-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	ND	2.03	101	2.00	11.6	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	98.2	2.00	11.0	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.91	95.7	2.00	11.3	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.60	93.3	6.00	11.4	
Total BTEX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/25/2024	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	06/25/2024	ND	192	95.8	200	8.34	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	199	99.5	200	9.30	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 3 D (H243711-24)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	ND	2.03	101	2.00	11.6	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	98.2	2.00	11.0	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.91	95.7	2.00	11.3	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.60	93.3	6.00	11.4	
Total BTEX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/25/2024	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	06/25/2024	ND	192	95.8	200	8.34	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	199	99.5	200	9.30	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 3 E (H243711-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	ND	2.03	101	2.00	11.6	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	98.2	2.00	11.0	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.91	95.7	2.00	11.3	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.60	93.3	6.00	11.4	
Total BTEX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/25/2024	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	06/25/2024	ND	192	95.8	200	8.34	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	199	99.5	200	9.30	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.9 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 3 F (H243711-26)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	ND	2.03	101	2.00	11.6	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	98.2	2.00	11.0	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.91	95.7	2.00	11.3	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.60	93.3	6.00	11.4	
Total BTEX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/25/2024	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	06/25/2024	ND	192	95.8	200	8.34	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	199	99.5	200	9.30	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 76.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.5 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
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 P.O. Box 1058
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 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 3 G (H243711-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	ND	2.03	101	2.00	11.6	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	98.2	2.00	11.0	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.91	95.7	2.00	11.3	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.60	93.3	6.00	11.4	
Total BTEX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/25/2024	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	06/25/2024	ND	192	95.8	200	8.34	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	199	99.5	200	9.30	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
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 P.O. Box 1058
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 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 3 H (H243711-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	ND	2.03	101	2.00	11.6	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	98.2	2.00	11.0	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.91	95.7	2.00	11.3	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.60	93.3	6.00	11.4	
Total BTEX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/25/2024	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	06/25/2024	ND	192	95.8	200	8.34	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	199	99.5	200	9.30	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 3 I (H243711-29)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	ND	2.03	101	2.00	11.6	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	98.2	2.00	11.0	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.91	95.7	2.00	11.3	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.60	93.3	6.00	11.4	
Total BTEX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/25/2024	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	06/25/2024	ND	192	95.8	200	8.34	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	199	99.5	200	9.30	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: PL 3 J (H243711-30)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	ND	2.03	101	2.00	11.6	
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	98.2	2.00	11.0	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.91	95.7	2.00	11.3	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.60	93.3	6.00	11.4	
Total BTEX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/25/2024	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	06/25/2024	ND	192	95.8	200	8.34	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	199	99.5	200	9.30	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 49.1-148

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Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #:
 Project #:
 Project Name: Grizzly Bear State Com #2H
 Project Location: U/L/1 Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg
 P.O. #:
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0667
 Fax #:
 Matrix: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER:
 PRESERV: ICE / COOL, OTHER:
 DATE: 6/21/24

Lab I.D.	Sample I.D.	(G/RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
1	PL1a	C	1	X						6/21/24		X	X	
2	PL1b	C	1	X						6/21/24		X	X	
3	PL1c	C	1	X						6/21/24		X	X	
4	PL1d	C	1	X						6/21/24		X	X	
5	PL1e	C	1	X						6/21/24		X	X	
6	PL1f	C	1	X						6/21/24		X	X	
7	PL1g	C	1	X						6/21/24		X	X	
8	PL1h	C	1	X						6/21/24		X	X	
9	PL1i	C	1	X						6/21/24		X	X	
10	PL1j	C	1	X						6/21/24		X	X	

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Relinquished By: *[Signature]* Date: 6-24-24
 Received By: *[Signature]* Date: 6-20-24
 Relinquished By: *[Signature]* Date:
 Received By: *[Signature]* Date:
 Delivered By: (Circle One) UPS Bus Other:
 Sample Condition: Cool Intact Yes No Yes No
 CHECKED BY: *[Signature]* (Initials)
 REMARKS:
 Email results to: pm@hungry-horse.com
 gboans@jdmil.com

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #:
 Project #:
 Project Name: Grizzly Bear State Com #2H
 Project Location: UL/1 Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg

P.O. #:
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0867
 Fax #:

Lab I.D.	Sample I.D.	(G)GRAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :							
4243711	11	C	1	X							6/21/24		X	X	X	
	12	PL2a	C	1	X						6/21/24		X	X	X	
	13	PL2b	C	1	X						6/21/24		X	X	X	
	14	PL2c	C	1	X						6/21/24		X	X	X	
	15	PL2d	C	1	X						6/21/24		X	X	X	
	16	PL2e	C	1	X						6/21/24		X	X	X	
	17	PL2f	C	1	X						6/21/24		X	X	X	
	18	PL2g	C	1	X						6/21/24		X	X	X	
	19	PL2h	C	1	X						6/21/24		X	X	X	
	20	PL2i	C	1	X						6/21/24		X	X	X	
		PL2j	C	1	X						6/21/24		X	X	X	

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Relinquished By: *[Signature]* Date: 6/24/24
 Received By: *[Signature]* Date: 6/20/24
 Time: 8:20
 Sample Condition: Intact Cool Yes No

REMARKS:
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 Email results to: pm@hungry-horse.com
 gboans@jdmill.com

Delivered By: (Circle One) UPS Bus Other:
 1.7e
 CHECKED BY: *[Signature]*

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #:
 Project #: Murchison Oil & Gas
 Project Name: Grizzly Bear State Com #2H
 Project Location: U/LI Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg
 P.O. #: Murchison Oil & Gas
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0667
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
21	PL3a	C	1	X						6/21/24				
23	PL3b	C	1	X						6/21/24				
23	PL3c	C	1	X						6/21/24				
24	PL3d	C	1	X						6/21/24				
25	PL3e	C	1	X						6/21/24				
26	PL3f	C	1	X						6/21/24				
27	PL3g	C	1	X						6/21/24				
28	PL3h	C	1	X						6/21/24				
29	PL3i	C	1	X						6/21/24				
30	PL3j	C	1	X						6/21/24				

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Relinquished By: *[Signature]* Date: 6-24-24
 Received By: *[Signature]* Date: 6-28-24
 Time: 0820
 Relinquished By: *[Signature]* Date:
 Received By: *[Signature]* Date:
 Time:
 Sample Condition: Intact Cool Yes No

Delivered By: (Circle One) UPS Bus Other:
 #140
 1.7c
 CHECKED BY: *[Signature]*

REMARKS:
 Phone Result: Yes No
 Fax Result: Yes No
 Email results to: pm@hungry-horse.com
 gboans@jdmrll.com

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



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

June 28, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: GRIZZLY BEAR STATE COM #2H

Enclosed are the results of analyses for samples received by the laboratory on 06/24/24 8:20.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 1 - 10' (H243714-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.99	99.3	2.00	1.05	
Toluene*	<0.050	0.050	06/27/2024	ND	1.95	97.3	2.00	1.52	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.99	99.4	2.00	3.03	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.19	103	6.00	1.69	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	16.0	06/26/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	200	100	200	2.63	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	209	104	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 2 - 10' (H243714-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/27/2024	ND	1.99	99.3	2.00	1.05		
Toluene*	<0.050	0.050	06/27/2024	ND	1.95	97.3	2.00	1.52		
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.99	99.4	2.00	3.03		
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.19	103	6.00	1.69		
Total BTEX	<0.300	0.300	06/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9200	16.0	06/26/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	200	100	200	2.63		
DRO >C10-C28*	14.4	10.0	06/26/2024	ND	209	104	200	4.55		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 3 - 10' (H243714-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.99	99.3	2.00	1.05	
Toluene*	<0.050	0.050	06/27/2024	ND	1.95	97.3	2.00	1.52	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.99	99.4	2.00	3.03	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.19	103	6.00	1.69	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	19000	16.0	06/26/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	200	100	200	2.63	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	209	104	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 4 - 10' (H243714-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.99	99.3	2.00	1.05	
Toluene*	<0.050	0.050	06/27/2024	ND	1.95	97.3	2.00	1.52	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.99	99.4	2.00	3.03	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.19	103	6.00	1.69	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	17600	16.0	06/26/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	200	100	200	2.63	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	209	104	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 5 - 10' (H243714-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.99	99.3	2.00	1.05	
Toluene*	<0.050	0.050	06/27/2024	ND	1.95	97.3	2.00	1.52	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.99	99.4	2.00	3.03	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.19	103	6.00	1.69	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6600	16.0	06/26/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	189	94.4	200	3.84	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	212	106	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 6 - 10' (H243714-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.99	99.3	2.00	1.05	
Toluene*	<0.050	0.050	06/27/2024	ND	1.95	97.3	2.00	1.52	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.99	99.4	2.00	3.03	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.19	103	6.00	1.69	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5280	16.0	06/26/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	189	94.4	200	3.84	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	212	106	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 7 - 10' (H243714-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.99	99.3	2.00	1.05	
Toluene*	<0.050	0.050	06/27/2024	ND	1.95	97.3	2.00	1.52	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.99	99.4	2.00	3.03	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.19	103	6.00	1.69	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6900	16.0	06/26/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	189	94.4	200	3.84	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	212	106	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 99.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 8 - 10' (H243714-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.99	99.5	2.00	0.957	
Toluene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.07	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.00	100	6.00	1.19	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6320	16.0	06/26/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	189	94.4	200	3.84	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	212	106	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 9 - 10' (H243714-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.99	99.5	2.00	0.957	
Toluene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.07	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.00	100	6.00	1.19	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9200	16.0	06/26/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	189	94.4	200	3.84	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	212	106	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 10 - 10' (H243714-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.99	99.5	2.00	0.957	
Toluene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.07	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.00	100	6.00	1.19	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8400	16.0	06/26/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	189	94.4	200	3.84	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	212	106	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 11 - 10' (H243714-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.99	99.5	2.00	0.957	
Toluene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.07	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.00	100	6.00	1.19	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5920	16.0	06/26/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	189	94.4	200	3.84	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	212	106	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 12 - 10' (H243714-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.99	99.5	2.00	0.957	
Toluene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.07	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.00	100	6.00	1.19	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11400	16.0	06/26/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	189	94.4	200	3.84	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	212	106	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 13 - 10' (H243714-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.99	99.5	2.00	0.957	
Toluene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.07	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.00	100	6.00	1.19	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10600	16.0	06/26/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	189	94.4	200	3.84	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	212	106	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 14 - 10' (H243714-14)

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	06/27/2024	ND	1.99	99.5	2.00	0.957	
Toluene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.07	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.00	100	6.00	1.19	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10000	16.0	06/26/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	189	94.4	200	3.84	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	212	106	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 15 - 10' (H243714-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.99	99.5	2.00	0.957	
Toluene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.07	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.00	100	6.00	1.19	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	06/26/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	189	94.4	200	3.84	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	212	106	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 16 - 10' (H243714-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.99	99.5	2.00	0.957	
Toluene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.07	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.00	100	6.00	1.19	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7100	16.0	06/26/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	189	94.4	200	3.84	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	212	106	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 17 - 10' (H243714-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.99	99.5	2.00	0.957	
Toluene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.07	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.00	100	6.00	1.19	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7600	16.0	06/26/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	189	94.4	200	3.84	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	212	106	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 18 - 10' (H243714-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.99	99.5	2.00	0.957	
Toluene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.07	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.00	100	6.00	1.19	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9200	16.0	06/27/2024	ND	432	108	400	0.00	QM-07

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	189	94.4	200	3.84	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	212	106	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 19 - 10' (H243714-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.99	99.5	2.00	0.957	
Toluene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.07	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.00	100	6.00	1.19	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6930	16.0	06/27/2024	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	06/26/2024	ND	189	94.4	200	3.84	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	212	106	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 20 - 10' (H243714-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.99	99.5	2.00	0.957	
Toluene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.07	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.00	100	6.00	1.19	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6930	16.0	06/27/2024	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	06/26/2024	ND	189	94.4	200	3.84	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	212	106	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 21 - 10' (H243714-21)

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	06/27/2024	ND	1.99	99.5	2.00	0.957	
Toluene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.07	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.00	100	6.00	1.19	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9060	16.0	06/27/2024	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	06/26/2024	ND	189	94.4	200	3.84	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	212	106	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 22 - 10' (H243714-22)

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	06/27/2024	ND	1.99	99.5	2.00	0.957	
Toluene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.07	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.00	100	6.00	1.19	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8130	16.0	06/27/2024	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	06/26/2024	ND	189	94.4	200	3.84	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	212	106	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 23 - 10' (H243714-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.99	99.5	2.00	0.957	
Toluene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.07	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.00	100	6.00	1.19	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9200	16.0	06/27/2024	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	06/26/2024	ND	189	94.4	200	3.84	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	212	106	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 24 - 10' (H243714-24)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.99	99.5	2.00	0.957	
Toluene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.07	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.00	100	6.00	1.19	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8000	16.0	06/27/2024	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	06/26/2024	ND	189	94.4	200	3.84	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	212	106	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 25 - 10' (H243714-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.99	99.5	2.00	0.957	
Toluene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.07	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.00	100	6.00	1.19	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5460	16.0	06/27/2024	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	06/26/2024	ND	202	101	200	1.64	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	192	95.8	200	0.290	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 26 - 10' (H243714-26)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.99	99.5	2.00	0.957	
Toluene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.07	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.00	100	6.00	1.19	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5330	16.0	06/27/2024	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	06/26/2024	ND	202	101	200	1.64	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	192	95.8	200	0.290	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 27 - 10' (H243714-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.99	99.5	2.00	0.957	
Toluene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.07	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.00	100	6.00	1.19	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5000	16.0	06/27/2024	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	06/26/2024	ND	202	101	200	1.64	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	192	95.8	200	0.290	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 28 - 10' (H243714-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	2.03	102	2.00	1.02	
Toluene*	<0.050	0.050	06/28/2024	ND	2.03	102	2.00	0.963	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.08	104	2.00	2.48	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.19	103	6.00	2.67	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	06/27/2024	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	06/26/2024	ND	202	101	200	1.64	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	192	95.8	200	0.290	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 29 - 10' (H243714-29)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	2.03	102	2.00	1.02	
Toluene*	<0.050	0.050	06/28/2024	ND	2.03	102	2.00	0.963	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.08	104	2.00	2.48	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.19	103	6.00	2.67	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	06/27/2024	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	06/26/2024	ND	202	101	200	1.64	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	192	95.8	200	0.290	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 30 - 10' (H243714-30)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.02	
Toluene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	0.963	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.08	104	2.00	2.48	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.19	103	6.00	2.67	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4300	16.0	06/27/2024	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	06/26/2024	ND	202	101	200	1.64	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	192	95.8	200	0.290	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 31 - 10' (H243714-31)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.02	
Toluene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	0.963	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.08	104	2.00	2.48	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.19	103	6.00	2.67	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7600	16.0	06/27/2024	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	06/26/2024	ND	202	101	200	1.64	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	192	95.8	200	0.290	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 32 - 10' (H243714-32)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.02	
Toluene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	0.963	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.08	104	2.00	2.48	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.19	103	6.00	2.67	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7500	16.0	06/27/2024	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	06/26/2024	ND	202	101	200	1.64	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	192	95.8	200	0.290	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 33 - 10' (H243714-33)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.02	
Toluene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	0.963	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.08	104	2.00	2.48	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.19	103	6.00	2.67	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7500	16.0	06/27/2024	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	06/26/2024	ND	202	101	200	1.64	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	192	95.8	200	0.290	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 34 - 10' (H243714-34)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.02	
Toluene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	0.963	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.08	104	2.00	2.48	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.19	103	6.00	2.67	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6900	16.0	06/27/2024	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	06/26/2024	ND	202	101	200	1.64	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	192	95.8	200	0.290	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 35 - 10' (H243714-35)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.02	
Toluene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	0.963	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.08	104	2.00	2.48	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.19	103	6.00	2.67	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6800	16.0	06/27/2024	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	06/26/2024	ND	202	101	200	1.64	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	192	95.8	200	0.290	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 36 - 10' (H243714-36)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.02		
Toluene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	0.963		
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.08	104	2.00	2.48		
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.19	103	6.00	2.67		
Total BTEX	<0.300	0.300	06/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6300	16.0	06/27/2024	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	06/26/2024	ND	202	101	200	1.64		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	192	95.8	200	0.290		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 37 - 10' (H243714-37)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.02	
Toluene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	0.963	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.08	104	2.00	2.48	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.19	103	6.00	2.67	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5800	16.0	06/27/2024	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	06/26/2024	ND	202	101	200	1.64	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	192	95.8	200	0.290	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 38 - 10' (H243714-38)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.02	
Toluene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	0.963	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.08	104	2.00	2.48	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.19	103	6.00	2.67	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5280	16.0	06/26/2024	ND	464	116	400	10.9	QM-07

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	202	101	200	1.64	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	192	95.8	200	0.290	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 39 - 10' (H243714-39)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.02	
Toluene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	0.963	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.08	104	2.00	2.48	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.19	103	6.00	2.67	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5520	16.0	06/26/2024	ND	464	116	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	202	101	200	1.64	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	192	95.8	200	0.290	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 40 - 10' (H243714-40)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.02	
Toluene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	0.963	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.08	104	2.00	2.48	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.19	103	6.00	2.67	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6800	16.0	06/26/2024	ND	464	116	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	202	101	200	1.64	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	192	95.8	200	0.290	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 99.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 41 - 10' (H243714-41)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.02	
Toluene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	0.963	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.08	104	2.00	2.48	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.19	103	6.00	2.67	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9730	16.0	06/26/2024	ND	464	116	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	202	101	200	1.64	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	192	95.8	200	0.290	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 42 - 10' (H243714-42)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.02	
Toluene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	0.963	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.08	104	2.00	2.48	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.19	103	6.00	2.67	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9200	16.0	06/26/2024	ND	464	116	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	202	101	200	1.64	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	192	95.8	200	0.290	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 43 - 10' (H243714-43)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.02	
Toluene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	0.963	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.08	104	2.00	2.48	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.19	103	6.00	2.67	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8400	16.0	06/26/2024	ND	464	116	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	202	101	200	1.64	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	192	95.8	200	0.290	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 44 - 10' (H243714-44)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.02	
Toluene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	0.963	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.08	104	2.00	2.48	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.19	103	6.00	2.67	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8000	16.0	06/26/2024	ND	464	116	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	202	101	200	1.64	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	192	95.8	200	0.290	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 45 - 10' (H243714-45)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.02	
Toluene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	0.963	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.08	104	2.00	2.48	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.19	103	6.00	2.67	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8800	16.0	06/26/2024	ND	464	116	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	179	89.3	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	180	90.1	200	0.639	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 46 - 10' (H243714-46)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.02	
Toluene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	0.963	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.08	104	2.00	2.48	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.19	103	6.00	2.67	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6960	16.0	06/26/2024	ND	464	116	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	179	89.3	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	180	90.1	200	0.639	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 47 - 10' (H243714-47)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	1.02	
Toluene*	<0.050	0.050	06/27/2024	ND	2.03	102	2.00	0.963	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.08	104	2.00	2.48	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.19	103	6.00	2.67	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7120	16.0	06/26/2024	ND	464	116	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	179	89.3	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	180	90.1	200	0.639	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 48 - 10' (H243714-48)

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	06/27/2024	ND	2.16	108	2.00	1.14	
Toluene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.04	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.45	107	6.00	2.43	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8560	16.0	06/26/2024	ND	464	116	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	179	89.3	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	180	90.1	200	0.639	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 49 - 10' (H243714-49)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.16	108	2.00	1.14	
Toluene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.04	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.45	107	6.00	2.43	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9120	16.0	06/26/2024	ND	464	116	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	179	89.3	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	180	90.1	200	0.639	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 95.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
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 Hobbs NM, 88240
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Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 50 - 10' (H243714-50)

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	06/27/2024	ND	2.16	108	2.00	1.14	
Toluene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.04	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.45	107	6.00	2.43	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8080	16.0	06/26/2024	ND	464	116	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	179	89.3	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	180	90.1	200	0.639	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 51 - 10' (H243714-51)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.16	108	2.00	1.14	
Toluene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.04	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.45	107	6.00	2.43	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7600	16.0	06/26/2024	ND	464	116	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	179	89.3	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	180	90.1	200	0.639	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 52 - 10' (H243714-52)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.16	108	2.00	1.14	
Toluene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.04	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.45	107	6.00	2.43	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9700	16.0	06/26/2024	ND	464	116	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	179	89.3	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	180	90.1	200	0.639	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 53 - 10' (H243714-53)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/27/2024	ND	2.16	108	2.00	1.14		
Toluene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.04		
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.22		
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.45	107	6.00	2.43		
Total BTEX	<0.300	0.300	06/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6560	16.0	06/26/2024	ND	464	116	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	179	89.3	200	1.69		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	180	90.1	200	0.639		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 54 - 10' (H243714-54)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.16	108	2.00	1.14	
Toluene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.04	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.45	107	6.00	2.43	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6480	16.0	06/26/2024	ND	464	116	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	179	89.3	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	180	90.1	200	0.639	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 55 - 10' (H243714-55)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.16	108	2.00	1.14	
Toluene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.04	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.45	107	6.00	2.43	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7200	16.0	06/26/2024	ND	464	116	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	179	89.3	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	180	90.1	200	0.639	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 56 - 10' (H243714-56)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.16	108	2.00	1.14	
Toluene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.04	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.45	107	6.00	2.43	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4720	16.0	06/26/2024	ND	464	116	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	179	89.3	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	180	90.1	200	0.639	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
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Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 57 - 10' (H243714-57)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/27/2024	ND	2.16	108	2.00	1.14		
Toluene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.04		
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.22		
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.45	107	6.00	2.43		
Total BTEX	<0.300	0.300	06/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4640	16.0	06/26/2024	ND	464	116	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	179	89.3	200	1.69		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	180	90.1	200	0.639		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 58 - 10' (H243714-58)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.16	108	2.00	1.14	
Toluene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.04	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.45	107	6.00	2.43	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	06/27/2024	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	06/26/2024	ND	179	89.3	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	180	90.1	200	0.639	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 59 - 10' (H243714-59)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.16	108	2.00	1.14	
Toluene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.04	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.45	107	6.00	2.43	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6640	16.0	06/27/2024	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	06/26/2024	ND	179	89.3	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	180	90.1	200	0.639	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 60 - 10' (H243714-60)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/27/2024	ND	2.16	108	2.00	1.14		
Toluene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.04		
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.22		
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.45	107	6.00	2.43		
Total BTEX	<0.300	0.300	06/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	800	16.0	06/27/2024	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	06/26/2024	ND	179	89.3	200	1.69		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	180	90.1	200	0.639		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 49.1-148

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Analytical Results For:

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 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 61 - 10' (H243714-61)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.16	108	2.00	1.14	
Toluene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.04	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.45	107	6.00	2.43	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5840	16.0	06/27/2024	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	06/26/2024	ND	179	89.3	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	180	90.1	200	0.639	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 62 - 10' (H243714-62)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.16	108	2.00	1.14	
Toluene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.04	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.45	107	6.00	2.43	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4560	16.0	06/27/2024	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	06/26/2024	ND	179	89.3	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	180	90.1	200	0.639	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
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Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 63 - 10' (H243714-63)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.16	108	2.00	1.14	
Toluene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.04	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.45	107	6.00	2.43	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4560	16.0	06/27/2024	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	06/26/2024	ND	179	89.3	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	180	90.1	200	0.639	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
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Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 64 - 10' (H243714-64)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.16	108	2.00	1.14	
Toluene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.04	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.45	107	6.00	2.43	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	06/27/2024	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	06/26/2024	ND	179	89.3	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	180	90.1	200	0.639	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 99.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 65 - 10' (H243714-65)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.16	108	2.00	1.14	
Toluene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.04	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.45	107	6.00	2.43	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4480	16.0	06/27/2024	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	06/26/2024	ND	176	88.1	200	0.813	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	202	101	200	0.643	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 66 - 10' (H243714-66)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.16	108	2.00	1.14	
Toluene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.04	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.45	107	6.00	2.43	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1960	16.0	06/27/2024	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	06/26/2024	ND	176	88.1	200	0.813	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	202	101	200	0.643	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 67 - 10' (H243714-67)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.16	108	2.00	1.14	
Toluene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.04	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.18	109	2.00	2.22	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.45	107	6.00	2.43	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5200	16.0	06/27/2024	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	06/26/2024	ND	176	88.1	200	0.813	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	202	101	200	0.643	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 68 - 10' (H243714-68)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/27/2024	ND	1.93	96.4	2.00	12.2		
Toluene*	<0.050	0.050	06/27/2024	ND	1.91	95.6	2.00	10.6		
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.00	100	2.00	9.83		
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.89	98.2	6.00	9.53		
Total BTEX	<0.300	0.300	06/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4160	16.0	06/27/2024	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	06/26/2024	ND	176	88.1	200	0.813		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	202	101	200	0.643		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
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Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 69 - 10' (H243714-69)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/27/2024	ND	1.93	96.4	2.00	12.2		
Toluene*	<0.050	0.050	06/27/2024	ND	1.91	95.6	2.00	10.6		
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.00	100	2.00	9.83		
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.89	98.2	6.00	9.53		
Total BTEX	<0.300	0.300	06/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4080	16.0	06/27/2024	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	06/26/2024	ND	176	88.1	200	0.813		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	202	101	200	0.643		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 70 - 10' (H243714-70)

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	06/27/2024	ND	1.93	96.4	2.00	12.2	
Toluene*	<0.050	0.050	06/27/2024	ND	1.91	95.6	2.00	10.6	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.00	100	2.00	9.83	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.89	98.2	6.00	9.53	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	06/27/2024	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	06/26/2024	ND	176	88.1	200	0.813	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	202	101	200	0.643	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 71 - 10' (H243714-71)

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	06/27/2024	ND	1.93	96.4	2.00	12.2	
Toluene*	<0.050	0.050	06/27/2024	ND	1.91	95.6	2.00	10.6	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.00	100	2.00	9.83	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.89	98.2	6.00	9.53	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2680	16.0	06/27/2024	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	06/26/2024	ND	176	88.1	200	0.813	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	202	101	200	0.643	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.4 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 72 - 10' (H243714-72)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.93	96.4	2.00	12.2	
Toluene*	<0.050	0.050	06/27/2024	ND	1.91	95.6	2.00	10.6	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.00	100	2.00	9.83	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.89	98.2	6.00	9.53	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	06/27/2024	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	06/26/2024	ND	176	88.1	200	0.813	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	202	101	200	0.643	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 73 - 10' (H243714-73)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.93	96.4	2.00	12.2	
Toluene*	<0.050	0.050	06/27/2024	ND	1.91	95.6	2.00	10.6	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.00	100	2.00	9.83	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.89	98.2	6.00	9.53	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	06/27/2024	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	06/26/2024	ND	176	88.1	200	0.813	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	202	101	200	0.643	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 74 - 10' (H243714-74)

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	06/27/2024	ND	1.93	96.4	2.00	12.2	
Toluene*	<0.050	0.050	06/27/2024	ND	1.91	95.6	2.00	10.6	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.00	100	2.00	9.83	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.89	98.2	6.00	9.53	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5920	16.0	06/27/2024	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	06/26/2024	ND	176	88.1	200	0.813	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	202	101	200	0.643	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 75 - 10' (H243714-75)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.93	96.4	2.00	12.2	
Toluene*	<0.050	0.050	06/27/2024	ND	1.91	95.6	2.00	10.6	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.00	100	2.00	9.83	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.89	98.2	6.00	9.53	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4080	16.0	06/27/2024	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	06/26/2024	ND	176	88.1	200	0.813	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	202	101	200	0.643	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 74.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 76 - 10' (H243714-76)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.93	96.4	2.00	12.2	
Toluene*	<0.050	0.050	06/27/2024	ND	1.91	95.6	2.00	10.6	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.00	100	2.00	9.83	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.89	98.2	6.00	9.53	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/27/2024	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	06/26/2024	ND	176	88.1	200	0.813	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	202	101	200	0.643	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 77 - 10' (H243714-77)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.93	96.4	2.00	12.2	
Toluene*	<0.050	0.050	06/27/2024	ND	1.91	95.6	2.00	10.6	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.00	100	2.00	9.83	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.89	98.2	6.00	9.53	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	06/27/2024	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	06/26/2024	ND	176	88.1	200	0.813	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	202	101	200	0.643	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 78 - 10' (H243714-78)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/27/2024	ND	1.93	96.4	2.00	12.2		
Toluene*	<0.050	0.050	06/27/2024	ND	1.91	95.6	2.00	10.6		
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.00	100	2.00	9.83		
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.89	98.2	6.00	9.53		
Total BTEX	<0.300	0.300	06/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	800	16.0	06/26/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	176	88.1	200	0.813		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	202	101	200	0.643		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 79 - 10' (H243714-79)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.93	96.4	2.00	12.2	
Toluene*	<0.050	0.050	06/27/2024	ND	1.91	95.6	2.00	10.6	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.00	100	2.00	9.83	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.89	98.2	6.00	9.53	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	06/26/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	176	88.1	200	0.813	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	202	101	200	0.643	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 80 - 10' (H243714-80)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.93	96.4	2.00	12.2	
Toluene*	<0.050	0.050	06/27/2024	ND	1.91	95.6	2.00	10.6	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.00	100	2.00	9.83	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.89	98.2	6.00	9.53	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	22000	16.0	06/26/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	176	88.1	200	0.813	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	202	101	200	0.643	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 81 - 10' (H243714-81)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/27/2024	ND	1.93	96.4	2.00	12.2		
Toluene*	<0.050	0.050	06/27/2024	ND	1.91	95.6	2.00	10.6		
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.00	100	2.00	9.83		
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.89	98.2	6.00	9.53		
Total BTEX	<0.300	0.300	06/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6300	16.0	06/26/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	176	88.1	200	0.813		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	202	101	200	0.643		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 82 - 10' (H243714-82)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/27/2024	ND	1.93	96.4	2.00	12.2		
Toluene*	<0.050	0.050	06/27/2024	ND	1.91	95.6	2.00	10.6		
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.00	100	2.00	9.83		
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.89	98.2	6.00	9.53		
Total BTEX	<0.300	0.300	06/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	35600	16.0	06/26/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	176	88.1	200	0.813		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	202	101	200	0.643		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 83 - 10' (H243714-83)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.93	96.4	2.00	12.2	
Toluene*	<0.050	0.050	06/27/2024	ND	1.91	95.6	2.00	10.6	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.00	100	2.00	9.83	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.89	98.2	6.00	9.53	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	33600	16.0	06/26/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	176	88.1	200	0.813	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	202	101	200	0.643	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 84 - 10' (H243714-84)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.93	96.4	2.00	12.2	
Toluene*	<0.050	0.050	06/27/2024	ND	1.91	95.6	2.00	10.6	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.00	100	2.00	9.83	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.89	98.2	6.00	9.53	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32800	16.0	06/26/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	176	88.1	200	0.813	
DRO >C10-C28*	69.3	10.0	06/26/2024	ND	202	101	200	0.643	
EXT DRO >C28-C36	42.7	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 85 - 10' (H243714-85)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/27/2024	ND	1.93	96.4	2.00	12.2		
Toluene*	<0.050	0.050	06/27/2024	ND	1.91	95.6	2.00	10.6		
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.00	100	2.00	9.83		
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.89	98.2	6.00	9.53		
Total BTEX	<0.300	0.300	06/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2800	16.0	06/26/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	198	99.0	200	5.16		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	206	103	200	2.36		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 86 - 10' (H243714-86)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.93	96.4	2.00	12.2	
Toluene*	<0.050	0.050	06/27/2024	ND	1.91	95.6	2.00	10.6	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.00	100	2.00	9.83	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.89	98.2	6.00	9.53	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16000	16.0	06/26/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	198	99.0	200	5.16	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	206	103	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 87 - 10' (H243714-87)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.93	96.4	2.00	12.2	
Toluene*	<0.050	0.050	06/27/2024	ND	1.91	95.6	2.00	10.6	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.00	100	2.00	9.83	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.89	98.2	6.00	9.53	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	29600	16.0	06/26/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	198	99.0	200	5.16	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	206	103	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 88 - 10' (H243714-88)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.05	102	2.00	9.15	
Toluene*	<0.050	0.050	06/27/2024	ND	2.04	102	2.00	11.0	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.12	106	2.00	12.1	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.54	109	6.00	13.0	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3240	16.0	06/26/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	198	99.0	200	5.16	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	206	103	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 89 - 10' (H243714-89)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.05	102	2.00	9.15	
Toluene*	<0.050	0.050	06/27/2024	ND	2.04	102	2.00	11.0	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.12	106	2.00	12.1	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.54	109	6.00	13.0	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	42800	16.0	06/26/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	198	99.0	200	5.16	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	206	103	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 90 - 10' (H243714-90)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/27/2024	ND	2.05	102	2.00	9.15		
Toluene*	<0.050	0.050	06/27/2024	ND	2.04	102	2.00	11.0		
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.12	106	2.00	12.1		
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.54	109	6.00	13.0		
Total BTEX	<0.300	0.300	06/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	28000	16.0	06/26/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	198	99.0	200	5.16		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	206	103	200	2.36		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #:
 Project #: Project Owner: Murchison Oil & Gas
 Project Name: Grizzly Bear State Com #2H
 Project Location: U/L 1 Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg
 P.O. #:
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0667
 Fax #:
 PRESERV.
 MATRIX: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER:
 ACID/BASE:
 ICE / COOL
 OTHER:
 DATE: 6/21/24
 TIME:
 SAMPLES: 10

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:					
184314			1							6/21/24		X	X	X	
2			1	X						6/21/24		X	X	X	
3			1	X						6/21/24		X	X	X	
4			1	X						6/21/24		X	X	X	
5			1	X						6/21/24		X	X	X	
6			1	X						6/21/24		X	X	X	
7			1	X						6/21/24		X	X	X	
8			1	X						6/21/24		X	X	X	
9			1	X						6/21/24		X	X	X	
10			1	X						6/21/24		X	X	X	

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Relinquished By: *[Signature]* Date: 6-21-24 Time: 8:30
 Received By: *[Signature]*
 Relinquished By: *[Signature]* Date:
 Time:
 Received By:
 Sample Condition: Intact Cool Yes No Yes No
 CHECKED BY: *[Signature]*
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 REMARKS:
 Email results to: pm@hungry-horse.com gboans@idmii.com

Delivered By: (Circle One) 1-7c
 Sampler - UPS - Bus - Other: #140
 † Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #: 575 393-3386
 Project #: Project Owner: Murchison Oil & Gas
 Project Name: Grizzly Bear State Com #2H
 Project Location: U/L1 Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg
 P.O. #: Murchison Oil & Gas
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0867
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H43714	FL11-10'	C 1	1	X					6/21/24		X	X	X	
	FL12-10'	C 1	1	X					6/21/24		X	X	X	
	FL13-10'	C 1	1	X					6/21/24		X	X	X	
	FL14-10'	C 1	1	X					6/21/24		X	X	X	
	FL15-10'	C 1	1	X					6/21/24		X	X	X	
	FL16-10'	C 1	1	X					6/21/24		X	X	X	
	FL17-10'	C 1	1	X					6/21/24		X	X	X	
	FL18-10'	C 1	1	X					6/21/24		X	X	X	
	FL19-10'	C 1	1	X					6/21/24		X	X	X	
	FL20-10'	C 1	1	X					6/21/24		X	X	X	

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Relinquished By: *Jerry Heidelberg* Date: 6/21/24 Time: 0830
 Received By: *Greg Boans*
 Delivered By: (Circle One) 1-7c
 Sampler - UPS - Bus - Other: #140
 Sample Condition: Cool Intact
 Checked By: *SRZ*

REMARKS:
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 Email results to: pm@hungry-horse.com
 gboans@jdmil.com

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #:
 Project #: Project Owner: Murchison Oil & Gas
 Project Name: Grizzly Bear State Com #2H
 Project Location: UL / Sec 1 T17S - R29E
 Sampler Name: Jerry Heidelberg
 P.O. #:
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0667
 Fax #:
 MATRIX: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER:
 PRESERV. ICE / COOL, OTHER:
 SAMPLING DATE

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ICE / COOL					
1043714			1	X						6/21/24		X	X	X	
21	FL21-10'		1	X						6/21/24		X	X	X	
22	FL22-10'		1	X						6/21/24		X	X	X	
23	FL23-10'		1	X						6/21/24		X	X	X	
24	FL24-10'		1	X						6/21/24		X	X	X	
25	FL25-10'		1	X						6/21/24		X	X	X	
26	FL26-10'		1	X						6/21/24		X	X	X	
27	FL27-10'		1	X						6/21/24		X	X	X	
28	FL28-10'		1	X						6/21/24		X	X	X	
29	FL29-10'		1	X						6/21/24		X	X	X	
30	FL30-10'		1	X						6/21/24		X	X	X	

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Relinquished By: *[Signature]* Date: 6-24-24 Time: 0830
 Received By: *[Signature]*
 Delivered By: (Circle One) UPS Bus Other: #7c #140
 Sample Condition: Cool Intact Yes No
 CHECKED BY: *[Signature]*

REMARKS:
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 Email results to: pm@hungry-horse.com gboans@jdmll.com

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #:
 Project #:
 Project Owner: Murchison Oil & Gas
 Project Name: Grizzly Bear State Com #2H
 Project Location: U/L 1 Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg
 P.O. #:
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0867
 Fax #:
 MATRIX PRESERV. SAMPLING

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
HA43714			1	X							6/21/24		X	X	X
31	FL31-10'		1	X							6/21/24		X	X	X
32	FL32-10'		1	X							6/21/24		X	X	X
33	FL33-10'		1	X							6/21/24		X	X	X
34	FL34-10'		1	X							6/21/24		X	X	X
35	FL35-10'		1	X							6/21/24		X	X	X
36	FL36-10'		1	X							6/21/24		X	X	X
37	FL37-10'		1	X							6/21/24		X	X	X
38	FL38-10'		1	X							6/21/24		X	X	X
39	FL39-10'		1	X							6/21/24		X	X	X
40	FL40-10'		1	X							6/21/24		X	X	X

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Relinquished By: *[Signature]* Date: 6-24-24 Time: 0830
 Received By: *[Signature]*
 Relinquished By: *[Signature]* Date:
 Time:
 Received By:
 Sample Condition: Cool Intact Yes No Yes No
 CHECKED BY: *[Signature]*

REMARKS:
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 Email results to: pm@hungry-horse.com gboans@jdmil.com

Delivered By: (Circle One)
 UPS Bus Other:
 1.7c #140
 † Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #:
 Project #: Project Owner: Murchison Oil & Gas
 Project Name: Grizzly Bear State Com #2H
 Project Location: U/L 1 Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg
 P.O. #:
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0667
 Fax #:
 MATRIX PRESERV. SAMPLING

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
41	FL41-10'	C 1	1	X							6/21/24		X	X	X
42	FL42-10'	C 1	1	X							6/21/24		X	X	X
43	FL43-10'	C 1	1	X							6/21/24		X	X	X
44	FL44-10'	C 1	1	X							6/21/24		X	X	X
45	FL45-10'	C 1	1	X							6/21/24		X	X	X
46	FL46-10'	C 1	1	X							6/21/24		X	X	X
47	FL47-10'	C 1	1	X							6/21/24		X	X	X
48	FL48-10'	C 1	1	X							6/21/24		X	X	X
49	FL49-10'	C 1	1	X							6/21/24		X	X	X
50	FL50-10'	C 1	1	X							6/21/24		X	X	X

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Relinquished By: *[Signature]* Date: 8/24/24 Time: 8:30
 Received By: *[Signature]*
 Delivered By: (Circle One) 1-7c
 Sampler - UPS - Bus - Other: #140
 Sample Condition: Cool Intact
 Checked By: *[Signature]*

REMARKS:
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 Email results to: pm@hungry-horse.com
 gboans@jdmii.com

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #:
 Project #: Project Owner: Murchison Oil & Gas
 Project Name: Grizzly Bear State Com #2H
 Project Location: U/I Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg

BILL TO
 P.O. #:
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0667
 Fax #:
ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
4043714														
51	FL51-10'	C	1	X						6/21/24		X	X	
52	FL52-10'	C	1	X						6/21/24		X	X	
53	FL53-10'	C	1	X						6/21/24		X	X	
54	FL54-10'	C	1	X						6/21/24		X	X	
55	FL55-10'	C	1	X						6/21/24		X	X	
56	FL56-10'	C	1	X						6/21/24		X	X	
57	FL57-10'	C	1	X						6/21/24		X	X	
58	FL58-10'	C	1	X						6/21/24		X	X	
59	FL59-10'	C	1	X						6/21/24		X	X	
60	FL60-10'	C	1	X						6/21/24		X	X	

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Relinquished By: *[Signature]* Date: 6/24/24 Time: 0800
 Received By: *[Signature]*
 Delivered By: (Circle One) 1.7c
 Sampler - UPS - Bus - Other: #140

Sample Condition: Intact Cool Yes No
 CHECKED BY: *[Signature]*
 REMARKS:
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 Email results to: pm@hungry-horse.com
 gboans@jdmil.com

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #: BILL TO	
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas	
Address: 4024 Plains Hwy		Attn: Greg Boans	
City: Lovington	State: NM	Zip: 88260	Address: 5325 Sierra Vista
Phone #: 575 393-3386	Fax #:	Project Owner: Murchison Oil & Gas	City: Carlsbad
Project #:	Project Name: Grizzly Bear State Com #2H	State: NM	Zip: 88230
Project Location: U/LI Sec 1 T17S - R29E	Sampler Name: Jerry Heidelberg	Phone #: 575 706-0667	Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE					
U1	FL61-10'	C	1	X					6/21/24	X	X	X	
U2	FL62-10'	C	1	X					6/21/24	X	X	X	
U3	FL63-10'	C	1	X					6/21/24	X	X	X	
U4	FL64-10'	C	1	X					6/21/24	X	X	X	
U5	FL65-10'	C	1	X					6/21/24	X	X	X	
U6	FL66-10'	C	1	X					6/21/24	X	X	X	
U7	FL67-10'	C	1	X					6/21/24	X	X	X	
U8	FL68-10'	C	1	X					6/21/24	X	X	X	
U9	FL69-10'	C	1	X					6/21/24	X	X	X	
U9	FL70-10'	C	1	X					6/21/24	X	X	X	

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Relinquished By: <i>[Signature]</i>	Date: 6/21/24	Received By: <i>[Signature]</i>	Date: 6/21/24
Time: 0830	Time: 0830	Time:	Time:

Delivered By: (Circle One)	Sample Condition	CHECKED BY: <i>[Signature]</i>
Sampler - UPS - Bus - Other: 1.7z #140	Cool - Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	(Initials)

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #:
 Project #: Project Owner: Murchison Oil & Gas
 Project Name: Gizzy Bear State Com #2H
 Project Location: UL/1 Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg
 P.O. #:
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0667
 Fax #:

Lab I.D.	Sample I.D.	(G)GRAB OR (C)OMP	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE					
71	FL71-10'	C	1	X											
72	FL72-10'	C	1	X											
73	FL73-10'	C	1	X											
74	FL74-10'	C	1	X											
75	FL75-10'	C	1	X											
76	FL76-10'	C	1	X											
77	FL77-10'	C	1	X											
78	FL78-10'	C	1	X											
79	FL79-10'	C	1	X											
80	FL80-10'	C	1	X											

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Relinquished By: *[Signature]* Date: 08-21-24 Time: 08:30
 Received By: *[Signature]*
 Delivered By: (Circle One) 1-7c
 Sampler - UPS - Bus - Other: #140

Sample Condition: Intact Cool Yes No
 CHECKED BY: *[Signature]*
 REMARKS:
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 Email results to: pm@hungry-horse.com
 gboans@jdmil.com

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #:
 Project #: Project Owner: Murchison Oil & Gas
 Project Name: Grizzly Bear State Com #2H
 Project Location: U/I Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg
 P.O. #:
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0667
 Fax #:
 FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
1813714			1	X							6/21/24		X	X	X
88	FL81-10'		1	X							6/21/24		X	X	X
88	FL82-10'		1	X							6/21/24		X	X	X
88	FL83-10'		1	X							6/21/24		X	X	X
88	FL84-10'		1	X							6/21/24		X	X	X
88	FL85-10'		1	X							6/21/24		X	X	X
88	FL86-10'		1	X							6/21/24		X	X	X
88	FL87-10'		1	X							6/21/24		X	X	X
88	FL88-10'		1	X							6/21/24		X	X	X
88	FL89-10'		1	X							6/21/24		X	X	X
88	FL90-10'		1	X							6/21/24		X	X	X

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Relinquished By: *[Signature]* Date: 6/21/24 Time: 08:00
 Received By: *[Signature]*
 Delivered By: (Circle One) 1-7c #140
 Sampler - UPS - Bus - Other: UPS Bus Other

Sample Condition: Cool Intact
 Checked By: *[Signature]*
 REMARKS:
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 Email results to: pm@hungry-horse.com gboans@idmii.com

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

June 28, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: GRIZZLY BEAR STATE COM #2H

Enclosed are the results of analyses for samples received by the laboratory on 06/24/24 8:20.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 91 - 10' (H243715-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.05	102	2.00	9.15	
Toluene*	<0.050	0.050	06/27/2024	ND	2.04	102	2.00	11.0	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.12	106	2.00	12.1	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.54	109	6.00	13.0	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2880	16.0	06/27/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	198	99.0	200	5.16	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	206	103	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 92 - 10' (H243715-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.05	102	2.00	9.15	
Toluene*	<0.050	0.050	06/27/2024	ND	2.04	102	2.00	11.0	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.12	106	2.00	12.1	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.54	109	6.00	13.0	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	06/27/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	198	99.0	200	5.16	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	206	103	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 93 - 10' (H243715-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.05	102	2.00	9.15	
Toluene*	<0.050	0.050	06/27/2024	ND	2.04	102	2.00	11.0	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.12	106	2.00	12.1	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.54	109	6.00	13.0	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	23600	16.0	06/27/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	198	99.0	200	5.16	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	206	103	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 94 - 10' (H243715-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.05	102	2.00	9.15	
Toluene*	<0.050	0.050	06/27/2024	ND	2.04	102	2.00	11.0	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.12	106	2.00	12.1	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.54	109	6.00	13.0	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	19200	16.0	06/27/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	198	99.0	200	5.16	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	206	103	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 95 - 10' (H243715-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.05	102	2.00	9.15	
Toluene*	<0.050	0.050	06/27/2024	ND	2.04	102	2.00	11.0	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.12	106	2.00	12.1	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.54	109	6.00	13.0	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10200	16.0	06/27/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	198	99.0	200	5.16	
DRO >C10-C28*	106	10.0	06/26/2024	ND	206	103	200	2.36	
EXT DRO >C28-C36	29.7	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 96 - 10' (H243715-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.05	102	2.00	9.15	
Toluene*	<0.050	0.050	06/27/2024	ND	2.04	102	2.00	11.0	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.12	106	2.00	12.1	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.54	109	6.00	13.0	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20800	16.0	06/27/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	198	99.0	200	5.16	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	206	103	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 97 - 10' (H243715-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/27/2024	ND	2.05	102	2.00	9.15		
Toluene*	<0.050	0.050	06/27/2024	ND	2.04	102	2.00	11.0		
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.12	106	2.00	12.1		
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.54	109	6.00	13.0		
Total BTEX	<0.300	0.300	06/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5600	16.0	06/27/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	198	99.0	200	5.16		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	206	103	200	2.36		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 98 - 10' (H243715-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.05	102	2.00	9.15	
Toluene*	<0.050	0.050	06/27/2024	ND	2.04	102	2.00	11.0	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.12	106	2.00	12.1	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.54	109	6.00	13.0	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5480	16.0	06/27/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	198	99.0	200	5.16	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	206	103	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 99 - 10' (H243715-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.05	102	2.00	9.15	
Toluene*	<0.050	0.050	06/27/2024	ND	2.04	102	2.00	11.0	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.12	106	2.00	12.1	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.54	109	6.00	13.0	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	24800	16.0	06/27/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	198	99.0	200	5.16	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	206	103	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 100 - 10' (H243715-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.05	102	2.00	9.15	
Toluene*	<0.050	0.050	06/27/2024	ND	2.04	102	2.00	11.0	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.12	106	2.00	12.1	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.54	109	6.00	13.0	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	31600	16.0	06/27/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	198	99.0	200	5.16	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	206	103	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 101 - 10' (H243715-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.05	102	2.00	9.15	
Toluene*	<0.050	0.050	06/27/2024	ND	2.04	102	2.00	11.0	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.12	106	2.00	12.1	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.54	109	6.00	13.0	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8800	16.0	06/27/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	198	99.0	200	5.16	
DRO >C10-C28*	71.3	10.0	06/26/2024	ND	206	103	200	2.36	
EXT DRO >C28-C36	16.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Analytical Results For:

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 DANIEL DOMINGUEZ
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 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 102 - 10' (H243715-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.05	102	2.00	9.15	
Toluene*	<0.050	0.050	06/27/2024	ND	2.04	102	2.00	11.0	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.12	106	2.00	12.1	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.54	109	6.00	13.0	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20000	16.0	06/27/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	198	99.0	200	5.16	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	206	103	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

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 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 103 - 10' (H243715-13)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/27/2024	ND	2.05	102	2.00	9.15		
Toluene*	<0.050	0.050	06/27/2024	ND	2.04	102	2.00	11.0		
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.12	106	2.00	12.1		
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.54	109	6.00	13.0		
Total BTEX	<0.300	0.300	06/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8560	16.0	06/27/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	198	99.0	200	5.16		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	206	103	200	2.36		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 104 - 10' (H243715-14)

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	06/27/2024	ND	2.05	102	2.00	9.15		
Toluene*	<0.050	0.050	06/27/2024	ND	2.04	102	2.00	11.0		
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.12	106	2.00	12.1		
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.54	109	6.00	13.0		
Total BTEX	<0.300	0.300	06/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7760	16.0	06/27/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	198	99.0	200	5.16		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	206	103	200	2.36		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 105 - 10' (H243715-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/27/2024	ND	2.05	102	2.00	9.15		
Toluene*	<0.050	0.050	06/27/2024	ND	2.04	102	2.00	11.0		
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.12	106	2.00	12.1		
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.54	109	6.00	13.0		
Total BTEX	<0.300	0.300	06/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5600	16.0	06/27/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	174	86.9	200	4.21		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	173	86.7	200	6.10		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 57.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 106 - 10' (H243715-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/27/2024	ND	2.05	102	2.00	9.15		
Toluene*	<0.050	0.050	06/27/2024	ND	2.04	102	2.00	11.0		
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.12	106	2.00	12.1		
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.54	109	6.00	13.0		
Total BTEX	<0.300	0.300	06/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2840	16.0	06/27/2024	ND	432	108	400	0.00	QM-07	

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	174	86.9	200	4.21		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	173	86.7	200	6.10		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 72.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 107 - 10' (H243715-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.05	102	2.00	9.15	
Toluene*	<0.050	0.050	06/27/2024	ND	2.04	102	2.00	11.0	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.12	106	2.00	12.1	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.54	109	6.00	13.0	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	06/27/2024	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	06/26/2024	ND	174	86.9	200	4.21	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	173	86.7	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 60.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 108 - 10' (H243715-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.98	99.1	2.00	0.635	
Toluene*	<0.050	0.050	06/27/2024	ND	1.94	96.9	2.00	0.562	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	0.368	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.76	96.1	6.00	0.561	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	06/27/2024	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	06/26/2024	ND	174	86.9	200	4.21	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	173	86.7	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 109 - 10' (H243715-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.98	99.1	2.00	0.635	
Toluene*	<0.050	0.050	06/27/2024	ND	1.94	96.9	2.00	0.562	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	0.368	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.76	96.1	6.00	0.561	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5200	16.0	06/27/2024	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	06/26/2024	ND	174	86.9	200	4.21	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	173	86.7	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 73.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 110 - 10' (H243715-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.98	99.1	2.00	0.635	
Toluene*	<0.050	0.050	06/27/2024	ND	1.94	96.9	2.00	0.562	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	0.368	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.76	96.1	6.00	0.561	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6160	16.0	06/27/2024	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	06/26/2024	ND	174	86.9	200	4.21	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	173	86.7	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 111 - 10' (H243715-21)

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	06/27/2024	ND	1.98	99.1	2.00	0.635	
Toluene*	<0.050	0.050	06/27/2024	ND	1.94	96.9	2.00	0.562	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	0.368	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.76	96.1	6.00	0.561	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5440	16.0	06/27/2024	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	06/26/2024	ND	174	86.9	200	4.21	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	173	86.7	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 112 - 10' (H243715-22)

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	06/27/2024	ND	1.98	99.1	2.00	0.635	
Toluene*	<0.050	0.050	06/27/2024	ND	1.94	96.9	2.00	0.562	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	0.368	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.76	96.1	6.00	0.561	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6640	16.0	06/27/2024	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	06/26/2024	ND	174	86.9	200	4.21	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	173	86.7	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 75.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 113 - 10' (H243715-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.98	99.1	2.00	0.635	
Toluene*	<0.050	0.050	06/27/2024	ND	1.94	96.9	2.00	0.562	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	0.368	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.76	96.1	6.00	0.561	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6880	16.0	06/27/2024	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	06/26/2024	ND	174	86.9	200	4.21	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	173	86.7	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 68.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 114 - 10' (H243715-24)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.98	99.1	2.00	0.635	
Toluene*	<0.050	0.050	06/27/2024	ND	1.94	96.9	2.00	0.562	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	0.368	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.76	96.1	6.00	0.561	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11800	16.0	06/27/2024	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	06/26/2024	ND	174	86.9	200	4.21	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	173	86.7	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 72.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 115 - 10' (H243715-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.98	99.1	2.00	0.635	
Toluene*	<0.050	0.050	06/27/2024	ND	1.94	96.9	2.00	0.562	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	0.368	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.76	96.1	6.00	0.561	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13300	16.0	06/27/2024	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	06/26/2024	ND	174	86.9	200	4.21	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	173	86.7	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 116 - 10' (H243715-26)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.98	99.1	2.00	0.635	
Toluene*	<0.050	0.050	06/27/2024	ND	1.94	96.9	2.00	0.562	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	0.368	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.76	96.1	6.00	0.561	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5330	16.0	06/27/2024	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	06/26/2024	ND	174	86.9	200	4.21	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	173	86.7	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 117 - 10' (H243715-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.98	99.1	2.00	0.635	
Toluene*	<0.050	0.050	06/27/2024	ND	1.94	96.9	2.00	0.562	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	0.368	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.76	96.1	6.00	0.561	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9280	16.0	06/27/2024	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	06/26/2024	ND	174	86.9	200	4.21	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	173	86.7	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 118 - 10' (H243715-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.98	99.1	2.00	0.635	
Toluene*	<0.050	0.050	06/27/2024	ND	1.94	96.9	2.00	0.562	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	0.368	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.76	96.1	6.00	0.561	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14500	16.0	06/27/2024	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	06/26/2024	ND	174	86.9	200	4.21	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	173	86.7	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 119 - 10' (H243715-29)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.98	99.1	2.00	0.635	
Toluene*	<0.050	0.050	06/27/2024	ND	1.94	96.9	2.00	0.562	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	0.368	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.76	96.1	6.00	0.561	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7330	16.0	06/27/2024	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	06/26/2024	ND	174	86.9	200	4.21	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	173	86.7	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 120 - 10' (H243715-30)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.98	99.1	2.00	0.635	
Toluene*	<0.050	0.050	06/27/2024	ND	1.94	96.9	2.00	0.562	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	0.368	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.76	96.1	6.00	0.561	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5460	16.0	06/27/2024	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	06/26/2024	ND	174	86.9	200	4.21	
DRO >C10-C28*	13.3	10.0	06/26/2024	ND	173	86.7	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 121 - 10' (H243715-31)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.98	99.1	2.00	0.635	
Toluene*	<0.050	0.050	06/27/2024	ND	1.94	96.9	2.00	0.562	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	0.368	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.76	96.1	6.00	0.561	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6660	16.0	06/27/2024	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	06/26/2024	ND	174	86.9	200	4.21	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	173	86.7	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 122 - 10' (H243715-32)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.98	99.1	2.00	0.635	
Toluene*	<0.050	0.050	06/27/2024	ND	1.94	96.9	2.00	0.562	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	0.368	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.76	96.1	6.00	0.561	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4960	16.0	06/27/2024	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	06/26/2024	ND	174	86.9	200	4.21	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	173	86.7	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 123 - 10' (H243715-33)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/27/2024	ND	1.98	99.1	2.00	0.635		
Toluene*	<0.050	0.050	06/27/2024	ND	1.94	96.9	2.00	0.562		
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	0.368		
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.76	96.1	6.00	0.561		
Total BTEX	<0.300	0.300	06/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5280	16.0	06/27/2024	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	06/26/2024	ND	174	86.9	200	4.21		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	173	86.7	200	6.10		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 124 - 10' (H243715-34)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.98	99.1	2.00	0.635	
Toluene*	<0.050	0.050	06/27/2024	ND	1.94	96.9	2.00	0.562	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	0.368	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.76	96.1	6.00	0.561	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16800	16.0	06/27/2024	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	06/26/2024	ND	174	86.9	200	4.21	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	173	86.7	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 125 - 10' (H243715-35)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.98	99.1	2.00	0.635	
Toluene*	<0.050	0.050	06/27/2024	ND	1.94	96.9	2.00	0.562	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	0.368	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.76	96.1	6.00	0.561	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16000	16.0	06/27/2024	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	06/26/2024	ND	190	95.1	200	2.45	
DRO >C10-C28*	887	10.0	06/26/2024	ND	195	97.5	200	1.80	QM-07
EXT DRO >C28-C36	427	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 126 - 10' (H243715-36)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/27/2024	ND	1.98	99.1	2.00	0.635		
Toluene*	<0.050	0.050	06/27/2024	ND	1.94	96.9	2.00	0.562		
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	0.368		
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.76	96.1	6.00	0.561		
Total BTEX	<0.300	0.300	06/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9440	16.0	06/27/2024	ND	480	120	400	3.39	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.1	200	2.45		
DRO >C10-C28*	141	10.0	06/26/2024	ND	195	97.5	200	1.80		
EXT DRO >C28-C36	87.4	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 127 - 10' (H243715-37)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.98	99.1	2.00	0.635	
Toluene*	<0.050	0.050	06/27/2024	ND	1.94	96.9	2.00	0.562	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.97	98.3	2.00	0.368	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.76	96.1	6.00	0.561	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8160	16.0	06/27/2024	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.1	200	2.45	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	195	97.5	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 128 - 10' (H243715-38)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.5	2.00	1.25	
Toluene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	1.15	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.92	96.2	2.00	0.420	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.64	94.0	6.00	0.161	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7280	16.0	06/27/2024	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.1	200	2.45	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	195	97.5	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 129 - 10' (H243715-39)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.5	2.00	1.25	
Toluene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	1.15	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.92	96.2	2.00	0.420	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.64	94.0	6.00	0.161	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5760	16.0	06/27/2024	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.1	200	2.45	
DRO >C10-C28*	18.9	10.0	06/26/2024	ND	195	97.5	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 130 - 10' (H243715-40)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.5	2.00	1.25		
Toluene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	1.15		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.92	96.2	2.00	0.420		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.64	94.0	6.00	0.161		
Total BTEX	<0.300	0.300	06/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4280	16.0	06/27/2024	ND	480	120	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.1	200	2.45		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	195	97.5	200	1.80		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 131 - 10' (H243715-41)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.5	2.00	1.25	
Toluene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	1.15	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.92	96.2	2.00	0.420	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.64	94.0	6.00	0.161	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10500	16.0	06/27/2024	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.1	200	2.45	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	195	97.5	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 132 - 10' (H243715-42)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.5	2.00	1.25	
Toluene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	1.15	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.92	96.2	2.00	0.420	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.64	94.0	6.00	0.161	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7680	16.0	06/27/2024	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.1	200	2.45	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	195	97.5	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 133 - 10' (H243715-43)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.5	2.00	1.25	
Toluene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	1.15	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.92	96.2	2.00	0.420	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.64	94.0	6.00	0.161	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11900	16.0	06/27/2024	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.1	200	2.45	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	195	97.5	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 134 - 10' (H243715-44)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.5	2.00	1.25	
Toluene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	1.15	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.92	96.2	2.00	0.420	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.64	94.0	6.00	0.161	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5240	16.0	06/27/2024	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.1	200	2.45	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	195	97.5	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 135 - 10' (H243715-45)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.5	2.00	1.25	
Toluene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	1.15	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.92	96.2	2.00	0.420	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.64	94.0	6.00	0.161	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8880	16.0	06/27/2024	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.1	200	2.45	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	195	97.5	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 136 - 10' (H243715-46)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.5	2.00	1.25	
Toluene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	1.15	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.92	96.2	2.00	0.420	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.64	94.0	6.00	0.161	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9280	16.0	06/27/2024	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.1	200	2.45	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	195	97.5	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 137 - 10' (H243715-47)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.5	2.00	1.25	
Toluene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	1.15	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.92	96.2	2.00	0.420	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.64	94.0	6.00	0.161	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7280	16.0	06/27/2024	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.1	200	2.45	
DRO >C10-C28*	136	10.0	06/26/2024	ND	195	97.5	200	1.80	
EXT DRO >C28-C36	39.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 138 - 10' (H243715-48)

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	06/28/2024	ND	1.93	96.5	2.00	1.25	
Toluene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	1.15	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.92	96.2	2.00	0.420	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.64	94.0	6.00	0.161	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4960	16.0	06/27/2024	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.1	200	2.45	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	195	97.5	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 139 - 10' (H243715-49)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.5	2.00	1.25		
Toluene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	1.15		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.92	96.2	2.00	0.420		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.64	94.0	6.00	0.161		
Total BTEX	<0.300	0.300	06/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5080	16.0	06/27/2024	ND	480	120	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.1	200	2.45		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	195	97.5	200	1.80		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 140 - 10' (H243715-50)

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	06/28/2024	ND	1.93	96.5	2.00	1.25		
Toluene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	1.15		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.92	96.2	2.00	0.420		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.64	94.0	6.00	0.161		
Total BTEX	<0.300	0.300	06/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10200	16.0	06/27/2024	ND	480	120	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.1	200	2.45		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	195	97.5	200	1.80		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 141 - 10' (H243715-51)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.5	2.00	1.25	
Toluene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	1.15	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.92	96.2	2.00	0.420	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.64	94.0	6.00	0.161	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7680	16.0	06/27/2024	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.1	200	2.45	
DRO >C10-C28*	132	10.0	06/26/2024	ND	195	97.5	200	1.80	
EXT DRO >C28-C36	46.9	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 142 - 10' (H243715-52)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.5	2.00	1.25	
Toluene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	1.15	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.92	96.2	2.00	0.420	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.64	94.0	6.00	0.161	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4960	16.0	06/27/2024	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.1	200	2.45	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	195	97.5	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 143 - 10' (H243715-53)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.5	2.00	1.25	
Toluene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	1.15	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.92	96.2	2.00	0.420	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.64	94.0	6.00	0.161	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	06/27/2024	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.1	200	2.45	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	195	97.5	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 144 - 10' (H243715-54)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.5	2.00	1.25	
Toluene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	1.15	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.92	96.2	2.00	0.420	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.64	94.0	6.00	0.161	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6640	16.0	06/27/2024	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.1	200	2.45	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	195	97.5	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 145 - 10' (H243715-55)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.5	2.00	1.25	
Toluene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	1.15	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.92	96.2	2.00	0.420	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.64	94.0	6.00	0.161	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4600	16.0	06/27/2024	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.0	200	0.261	
DRO >C10-C28*	100	10.0	06/26/2024	ND	201	100	200	1.38	
EXT DRO >C28-C36	37.9	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 146 - 10' (H243715-56)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.5	2.00	1.25		
Toluene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	1.15		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.92	96.2	2.00	0.420		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.64	94.0	6.00	0.161		
Total BTEX	<0.300	0.300	06/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4560	16.0	06/27/2024	ND	448	112	400	0.00	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.0	200	0.261		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	201	100	200	1.38		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 147 - 10' (H243715-57)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.5	2.00	1.25	
Toluene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	1.15	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.92	96.2	2.00	0.420	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.64	94.0	6.00	0.161	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5040	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.0	200	0.261	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	201	100	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 148 - 10' (H243715-58)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.02	101	2.00	6.35	
Toluene*	<0.050	0.050	06/27/2024	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.22	111	2.00	5.18	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.84	114	6.00	4.48	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6400	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.0	200	0.261	
DRO >C10-C28*	24.8	10.0	06/26/2024	ND	201	100	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 149 - 10' (H243715-59)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.02	101	2.00	6.35	
Toluene*	<0.050	0.050	06/27/2024	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.22	111	2.00	5.18	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.84	114	6.00	4.48	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5920	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.0	200	0.261	
DRO >C10-C28*	112	10.0	06/26/2024	ND	201	100	200	1.38	
EXT DRO >C28-C36	48.3	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 150 - 10' (H243715-60)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.02	101	2.00	6.35	
Toluene*	<0.050	0.050	06/27/2024	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.22	111	2.00	5.18	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.84	114	6.00	4.48	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.0	200	0.261	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	201	100	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 151 - 10' (H243715-61)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.02	101	2.00	6.35	
Toluene*	<0.050	0.050	06/27/2024	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.22	111	2.00	5.18	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.84	114	6.00	4.48	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6560	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.0	200	0.261	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	201	100	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 152 - 10' (H243715-62)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.02	101	2.00	6.35	
Toluene*	<0.050	0.050	06/27/2024	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.22	111	2.00	5.18	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.84	114	6.00	4.48	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.0	200	0.261	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	201	100	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 153 - 10' (H243715-63)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/27/2024	ND	2.02	101	2.00	6.35		
Toluene*	<0.050	0.050	06/27/2024	ND	2.19	110	2.00	5.70		
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.22	111	2.00	5.18		
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.84	114	6.00	4.48		
Total BTEX	<0.300	0.300	06/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3600	16.0	06/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.0	200	0.261		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	201	100	200	1.38		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 154 - 10' (H243715-64)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.02	101	2.00	6.35	
Toluene*	<0.050	0.050	06/27/2024	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.22	111	2.00	5.18	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.84	114	6.00	4.48	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.0	200	0.261	
DRO >C10-C28*	13.1	10.0	06/26/2024	ND	201	100	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 155 - 10' (H243715-65)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/27/2024	ND	2.02	101	2.00	6.35		
Toluene*	<0.050	0.050	06/27/2024	ND	2.19	110	2.00	5.70		
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.22	111	2.00	5.18		
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.84	114	6.00	4.48		
Total BTEX	<0.300	0.300	06/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	06/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.0	200	0.261		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	201	100	200	1.38		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 156 - 10' (H243715-66)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	2.02	101	2.00	6.35	
Toluene*	<0.050	0.050	06/27/2024	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	2.22	111	2.00	5.18	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	6.84	114	6.00	4.48	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.0	200	0.261	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	201	100	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 157 - 10' (H243715-67)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	2.02	101	2.00	6.35		
Toluene*	<0.050	0.050	06/28/2024	ND	2.19	110	2.00	5.70		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	5.18		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.84	114	6.00	4.48		
Total BTEX	<0.300	0.300	06/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5520	16.0	06/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.0	200	0.261		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	201	100	200	1.38		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 158 - 10' (H243715-68)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	2.02	101	2.00	6.35		
Toluene*	<0.050	0.050	06/28/2024	ND	2.19	110	2.00	5.70		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	5.18		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.84	114	6.00	4.48		
Total BTEX	<0.300	0.300	06/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4560	16.0	06/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.0	200	0.261		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	201	100	200	1.38		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 159 - 10' (H243715-69)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	2.02	101	2.00	6.35	
Toluene*	<0.050	0.050	06/28/2024	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	5.18	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.84	114	6.00	4.48	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5840	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.0	200	0.261	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	201	100	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 160 - 10' (H243715-70)

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	06/28/2024	ND	2.02	101	2.00	6.35	
Toluene*	<0.050	0.050	06/28/2024	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	5.18	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.84	114	6.00	4.48	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5920	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.0	200	0.261	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	201	100	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 161 - 10' (H243715-71)

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	06/28/2024	ND	2.02	101	2.00	6.35		
Toluene*	<0.050	0.050	06/28/2024	ND	2.19	110	2.00	5.70		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	5.18		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.84	114	6.00	4.48		
Total BTEX	<0.300	0.300	06/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6240	16.0	06/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	190	95.0	200	0.261		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	201	100	200	1.38		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 162 - 10' (H243715-72)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	2.02	101	2.00	6.35		
Toluene*	<0.050	0.050	06/28/2024	ND	2.19	110	2.00	5.70		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	5.18		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.84	114	6.00	4.48		
Total BTEX	<0.300	0.300	06/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6000	16.0	06/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	190	95.0	200	0.261		
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	201	100	200	1.38		
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND						

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 163 - 10' (H243715-73)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	2.02	101	2.00	6.35	
Toluene*	<0.050	0.050	06/28/2024	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	5.18	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.84	114	6.00	4.48	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5840	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	190	95.0	200	0.261	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	201	100	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 164 - 10' (H243715-74)

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	06/28/2024	ND	2.02	101	2.00	6.35		
Toluene*	<0.050	0.050	06/28/2024	ND	2.19	110	2.00	5.70		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	5.18		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.84	114	6.00	4.48		
Total BTEX	<0.300	0.300	06/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5520	16.0	06/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	190	95.0	200	0.261		
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	201	100	200	1.38		
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND						

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 165 - 10' (H243715-75)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	2.02	101	2.00	6.35	
Toluene*	<0.050	0.050	06/28/2024	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	5.18	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.84	114	6.00	4.48	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5440	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	168	83.9	200	3.56	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	170	84.8	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 78.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 166 - 10' (H243715-76)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	2.02	101	2.00	6.35		
Toluene*	<0.050	0.050	06/28/2024	ND	2.19	110	2.00	5.70		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	5.18		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.84	114	6.00	4.48		
Total BTEX	<0.300	0.300	06/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5920	16.0	06/27/2024	ND	448	112	400	0.00	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	168	83.9	200	3.56		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	170	84.8	200	3.10		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 167 - 10' (H243715-77)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	2.02	101	2.00	6.35		
Toluene*	<0.050	0.050	06/28/2024	ND	2.19	110	2.00	5.70		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	5.18		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.84	114	6.00	4.48		
Total BTEX	<0.300	0.300	06/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6960	16.0	06/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	168	83.9	200	3.56		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	170	84.8	200	3.10		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 168 - 10' (H243715-78)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.90	94.8	2.00	10.1	
Toluene*	<0.050	0.050	06/27/2024	ND	1.98	98.9	2.00	7.68	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.99	99.7	2.00	5.55	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.94	99.1	6.00	5.56	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6960	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	168	83.9	200	3.56	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	170	84.8	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 169 - 10' (H243715-79)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.90	94.8	2.00	10.1	
Toluene*	<0.050	0.050	06/27/2024	ND	1.98	98.9	2.00	7.68	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.99	99.7	2.00	5.55	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.94	99.1	6.00	5.56	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8600	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	168	83.9	200	3.56	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	170	84.8	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 170 - 10' (H243715-80)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/27/2024	ND	1.90	94.8	2.00	10.1		
Toluene*	<0.050	0.050	06/27/2024	ND	1.98	98.9	2.00	7.68		
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.99	99.7	2.00	5.55		
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.94	99.1	6.00	5.56		
Total BTEX	<0.300	0.300	06/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8160	16.0	06/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	168	83.9	200	3.56		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	170	84.8	200	3.10		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 171 - 10' (H243715-81)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/27/2024	ND	1.90	94.8	2.00	10.1		
Toluene*	<0.050	0.050	06/27/2024	ND	1.98	98.9	2.00	7.68		
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.99	99.7	2.00	5.55		
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.94	99.1	6.00	5.56		
Total BTEX	<0.300	0.300	06/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7360	16.0	06/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	168	83.9	200	3.56		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	170	84.8	200	3.10		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 74.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 172 - 10' (H243715-82)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.90	94.8	2.00	10.1	
Toluene*	<0.050	0.050	06/27/2024	ND	1.98	98.9	2.00	7.68	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.99	99.7	2.00	5.55	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.94	99.1	6.00	5.56	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6320	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	168	83.9	200	3.56	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	170	84.8	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 173 - 10' (H243715-83)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.90	94.8	2.00	10.1	
Toluene*	<0.050	0.050	06/27/2024	ND	1.98	98.9	2.00	7.68	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.99	99.7	2.00	5.55	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.94	99.1	6.00	5.56	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5520	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	168	83.9	200	3.56	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	170	84.8	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 174 - 10' (H243715-84)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.90	94.8	2.00	10.1	
Toluene*	<0.050	0.050	06/27/2024	ND	1.98	98.9	2.00	7.68	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.99	99.7	2.00	5.55	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.94	99.1	6.00	5.56	
Total BTEX	<0.300	0.300	06/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7920	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	168	83.9	200	3.56	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	170	84.8	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 175 - 10' (H243715-85)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2024	ND	1.90	94.8	2.00	10.1	
Toluene*	<0.050	0.050	06/27/2024	ND	1.98	98.9	2.00	7.68	
Ethylbenzene*	<0.050	0.050	06/27/2024	ND	1.99	99.7	2.00	5.55	
Total Xylenes*	<0.150	0.150	06/27/2024	ND	5.94	99.1	6.00	5.56	
Total BTEX	<0.300	0.300	06/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5360	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	168	83.9	200	3.56	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	170	84.8	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 176 - 10' (H243715-86)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	10.1	
Toluene*	<0.050	0.050	06/28/2024	ND	1.98	98.9	2.00	7.68	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.99	99.7	2.00	5.55	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.94	99.1	6.00	5.56	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8160	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	168	83.9	200	3.56	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	170	84.8	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 177 - 10' (H243715-87)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	10.1		
Toluene*	<0.050	0.050	06/28/2024	ND	1.98	98.9	2.00	7.68		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.99	99.7	2.00	5.55		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.94	99.1	6.00	5.56		
Total BTEX	<0.300	0.300	06/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6320	16.0	06/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	168	83.9	200	3.56		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	170	84.8	200	3.10		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 178 - 10' (H243715-88)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	10.1	
Toluene*	<0.050	0.050	06/28/2024	ND	1.98	98.9	2.00	7.68	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.99	99.7	2.00	5.55	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.94	99.1	6.00	5.56	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6400	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	168	83.9	200	3.56	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	170	84.8	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 179 - 10' (H243715-89)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	10.1	
Toluene*	<0.050	0.050	06/28/2024	ND	1.98	98.9	2.00	7.68	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.99	99.7	2.00	5.55	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.94	99.1	6.00	5.56	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6960	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	168	83.9	200	3.56	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	170	84.8	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/28/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 180 - 10' (H243715-90)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	10.1		
Toluene*	<0.050	0.050	06/28/2024	ND	1.98	98.9	2.00	7.68		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.99	99.7	2.00	5.55		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.94	99.1	6.00	5.56		
Total BTEX	<0.300	0.300	06/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	14700	16.0	06/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	168	83.9	200	3.56		
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	170	84.8	200	3.10		
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND						

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #:
 Project #: Project Owner: Murchison Oil & Gas
 Project Name: Grizzly Bear State Com #2H
 Project Location: U/L I Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg
 P.O. #: Murchison Oil & Gas
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0667
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :							
HR43715		C 1	1	X	X	X	X	X	X	X	6/21/24		X	X	X	
		C 1	1	X	X	X	X	X	X	X	6/21/24		X	X	X	
		C 1	1	X	X	X	X	X	X	X	6/21/24		X	X	X	
		C 1	1	X	X	X	X	X	X	X	6/21/24		X	X	X	
		C 1	1	X	X	X	X	X	X	X	6/21/24		X	X	X	
		C 1	1	X	X	X	X	X	X	X	6/21/24		X	X	X	
		C 1	1	X	X	X	X	X	X	X	6/21/24		X	X	X	
		C 1	1	X	X	X	X	X	X	X	6/21/24		X	X	X	
		C 1	1	X	X	X	X	X	X	X	6/21/24		X	X	X	
		C 1	1	X	X	X	X	X	X	X	6/21/24		X	X	X	

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Relinquished By: *[Signature]* Date: 6/24/24 Time: 0830
 Received By: *[Signature]*
 Date: 6/24/24 Time: 0830

Delivered By: (Circle One) UPS Bus Other
 Sample Condition: Cool Intact
 Yes No Yes No
 CHECKED BY: *[Signature]*

REMARKS:
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 Email results to: pm@hungry-horse.com
 gboans@jdmii.com

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #:
 Project #: Project Owner: Murchison Oil & Gas
 Project Name: Grizzly Bear State Com #2H
 Project Location: U/L I Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg
 P.O. #:
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0667
 Fax #:
 MATRIX: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER:
 PRESERV: ACID/BASE, ICE / COOL, OTHER:
 SAMPLING: DATE, TIME

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
2411B15715	FL101-10'	C	1	X						6/21/24		X	X	X
13	FL102-10'	C	1	X						6/21/24		X	X	X
14	FL103-10'	C	1	X						6/21/24		X	X	X
15	FL104-10'	C	1	X						6/21/24		X	X	X
16	FL105-10'	C	1	X						6/21/24		X	X	X
17	FL106-10'	C	1	X						6/21/24		X	X	X
18	FL107-10'	C	1	X						6/21/24		X	X	X
19	FL108-10'	C	1	X						6/21/24		X	X	X
20	FL109-10'	C	1	X						6/21/24		X	X	X
	FL110-10'	C	1	X						6/21/24		X	X	X

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Relinquished By: *[Signature]* Date: 6/24/24 Time: 8:30
 Received By: *[Signature]*
 Relinquished By: *[Signature]* Date:
 Time:
 Received By:
 Sample Condition: Cool Intact
 Yes No
 Yes No
 CHECKED BY: *[Signature]*
 REMARKS:
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 Email results to: pm@hungry-horse.com
 gboans@idmii.com

Delivered By: (Circle One) 17c #140
 Sampler - UPS - Bus - Other:
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #: BILL TO	
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas	
Address: 4024 Plains Hwy		Attn: Greg Boans	
City: Lovington	State: NM Zip: 88260	Address: 5325 Sierra Vista	
Phone #: 575 393-3386	Fax #:	City: Carlsbad	
Project #:	Project Owner: Murchison Oil & Gas	State: NM Zip: 88230	
Project Name: Grizzly Bear State Com #2H		Phone #: 575 706-0667	
Project Location: U/L I Sec 1 T17S - R28E		Fax #:	
Sampler Name: Jerry Heidelberg		PRESERV. SAMPLING	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
HA13715	FL111-10'	C 1	X						6/21/24		X	X	X	
	FL112-10'	C 1	X						6/21/24		X	X	X	
	FL113-10'	C 1	X						6/21/24		X	X	X	
	FL114-10'	C 1	X						6/21/24		X	X	X	
	FL115-10'	C 1	X						6/21/24		X	X	X	
	FL116-10'	C 1	X						6/21/24		X	X	X	
	FL117-10'	C 1	X						6/21/24		X	X	X	
	FL118-10'	C 1	X						6/21/24		X	X	X	
	FL119-10'	C 1	X						6/21/24		X	X	X	
	FL120-10'	C 1	X						6/21/24		X	X	X	

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Relinquished By: <i>[Signature]</i>	Date: 6/24/24	Received By: <i>[Signature]</i>	Date: 6/24/24
Time: 0830	Time: 0830	Time: 0830	Time: 0830
Patent: 102434	Patent: 102434	Patent: 102434	Patent: 102434

Delivered By: (Circle One)	Sample Condition	CHECKED BY: <i>[Signature]</i>
Sampler - UPS - Bus - Other: 1-72 #140	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	(Initials)
	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #:
 Project #: Project Owner: Murchison Oil & Gas
 Project Name: Grizzly Bear State Com #2H
 Project Location: U/L1 Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg
 P.O. #:
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0667
 Fax #:
 PRESERV. SAMPLING

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
YH1315	FL121-10'	C 1	1	X						6/21/24		X	X	
31	FL122-10'	C 1	1	X						6/21/24		X	X	
32	FL123-10'	C 1	1	X						6/21/24		X	X	
33	FL124-10'	C 1	1	X						6/21/24		X	X	
34	FL125-10'	C 1	1	X						6/21/24		X	X	
35	FL126-10'	C 1	1	X						6/21/24		X	X	
37	FL127-10'	C 1	1	X						6/21/24		X	X	
38	FL128-10'	C 1	1	X						6/21/24		X	X	
39	FL129-10'	C 1	1	X						6/21/24		X	X	
40	FL130-10'	C 1	1	X						6/21/24		X	X	

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Relinquished By: *[Signature]* Date: 6/21/24
 Received By: *[Signature]* Date: 6/21/24
 Relinquished By: *[Signature]* Date: 6/21/24
 Received By: *[Signature]* Date: 6/21/24

Delivered By: (Circle One) UPS Bus Other:
 Sample Condition: Cool Intact Yes No No No
 CHECKED BY: *[Signature]*

REMARKS:
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 Email results to: pm@hungry-horse.com
 gboans@idmii.com

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #:
 Project #: Project Owner: Murchison Oil & Gas
 Project Name: Grizzly Bear State Com #2H
 Project Location: U/L I Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg
 P.O. #:
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0667
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
41	FL131-10'	C	1	X						6/21/24		X	X	
42	FL132-10'	C	1	X						6/21/24		X	X	
43	FL133-10'	C	1	X						6/21/24		X	X	
44	FL134-10'	C	1	X						6/21/24		X	X	
45	FL135-10'	C	1	X						6/21/24		X	X	
46	FL136-10'	C	1	X						6/21/24		X	X	
47	FL137-10'	C	1	X						6/21/24		X	X	
48	FL138-10'	C	1	X						6/21/24		X	X	
49	FL139-10'	C	1	X						6/21/24		X	X	
50	FL140-10'	C	1	X						6/21/24		X	X	

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Relinquished By: *[Signature]*
 Date: 8/21/24
 Received By: *[Signature]*
 Date: 8/21/24

Delivered By: (Circle One) 1-7c
 Sampler - UPS - Bus - Other: #140
 Sample Condition: Intact Cool Yes No
 CHECKED BY: *[Signature]*

REMARKS:
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 Email results to: pm@hungry-horse.com
 gboans@idmii.com

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas					
Address: 4024 Plains Hwy		Attn: Greg Boans					
City: Lovington	State: NM	Zip: 88260	Address: 5325 Sierra Vista				
Phone #: 575 393-3386	Fax #:	City: Carlsbad					
Project #:	Project Owner: Murchison Oil & Gas	State: NM	Zip: 88230				
Project Name: Grizzly Bear State Com #2H	Project Location: U/LI Sec 1 T17S - R28E	Phone #: 575 706-0667					
Sampler Name: Jerry Heidelberg	Fax #:						

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
HA13715	FL141-10'	C 1	X							6/21/24		X	X	X
	FL142-10'	C 1	X							6/21/24		X	X	X
	FL143-10'	C 1	X							6/21/24		X	X	X
	FL144-10'	C 1	X							6/21/24		X	X	X
	FL145-10'	C 1	X							6/21/24		X	X	X
	FL146-10'	C 1	X							6/21/24		X	X	X
	FL147-10'	C 1	X							6/21/24		X	X	X
	FL148-10'	C 1	X							6/21/24		X	X	X
	FL149-10'	C 1	X							6/21/24		X	X	X
	FL150-10'	C 1	X							6/21/24		X	X	X

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Relinquished By: <i>[Signature]</i>	Date: 6/24/24	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Time: _____	_____	_____	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:

Delivered By: (Circle One) UPS 1.7c #140

Sampler - UPS - Bus - Other: Cool Intact Yes No

Checked By: *[Signature]*

REMARKS: Email results to: pm@hungry-horse.com gboans@idmii.com



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		Murchison Oil & Gas							
Project Manager: Daniel Dominguez		Company:		Murchison Oil & Gas							
Address: 4024 Plains Hwy		Attn: Greg Boans		Address: 5325 Sierra Vista							
City: Lovington	State: NM	Zip: 88260	City: Carlsbad								
Phone #: 575 393-3386	Fax #:	Address: 5325 Sierra Vista									
Project #:	Project Owner: Murchison Oil & Gas	City: Carlsbad	State: NM	Zip: 88230	Phone #: 575 706-0667						
Project Name: Grizzly Bear State Com #2H	Project Location: U/L I Sec 1 T17S - R28E	Sampler Name: Jerry Heidelberg	Fax #:								
FOR LAB USE ONLY											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	Chloride	TPH	BTEX 8021
1515715			1	GROUNDWATER			6/21/24		X	X	X
101	FL151-10'		1	WASTEWATER			6/21/24		X	X	X
102	FL152-10'		1	SOIL			6/21/24		X	X	X
103	FL153-10'		1	OIL			6/21/24		X	X	X
104	FL154-10'		1	SLUDGE			6/21/24		X	X	X
105	FL155-10'		1	OTHER:			6/21/24		X	X	X
106	FL156-10'		1	ACID/BASE:			6/21/24		X	X	X
107	FL157-10'		1	ICE / COOL			6/21/24		X	X	X
108	FL158-10'		1	OTHER:			6/21/24		X	X	X
109	FL159-10'		1				6/21/24		X	X	X
110	FL160-10'		1				6/21/24		X	X	X

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Relinquished By: *[Signature]* Date: 6/24/24
 Received By: *[Signature]* Date: 6/24/24
 Time: 0830

Delivered By: (Circle One) *17E* Sample Condition: Intact Cool Yes No Yes No
 Sampler - UPS - Bus - Other: *#140* CHECKED BY: *[Signature]*

REMARKS: Email results to: pm@hungry-horse.com gboans@jdmil.com
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 † Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #:
 Project #: Project Owner: Murchison Oil & Gas
 Project Name: Grizzly Bear State Com #2H
 Project Location: U/LI Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg
 P.O. #:
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0667
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
71	FL161-10'	C	1	X						6/21/24		X	X	X
73	FL162-10'	C	1	X						6/21/24		X	X	X
74	FL163-10'	C	1	X						6/21/24		X	X	X
75	FL164-10'	C	1	X						6/21/24		X	X	X
76	FL165-10'	C	1	X						6/21/24		X	X	X
77	FL166-10'	C	1	X						6/21/24		X	X	X
78	FL167-10'	C	1	X						6/21/24		X	X	X
79	FL168-10'	C	1	X						6/21/24		X	X	X
80	FL169-10'	C	1	X						6/21/24		X	X	X
	FL170-10'	C	1	X						6/21/24		X	X	X

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Relinquished By: *[Signature]* Date: 6/21/24
 Received By: *[Signature]* Date: 6/21/24
 Time:
 Sample Condition: Intact Broken
 Checked By: *[Signature]*

REMARKS:
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 Email results to: pm@hungry-horse.com
 gboans@idmil.com

Delivered By: (Circle One) 1-7c
 Sampler - UPS - Bus - Other: #140
 Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



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

June 30, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: GRIZZLY BEAR STATE COM #2H

Enclosed are the results of analyses for samples received by the laboratory on 06/24/24 8:20.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 181 - 10' (H243716-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	10.1	
Toluene*	<0.050	0.050	06/28/2024	ND	1.98	98.9	2.00	7.68	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.99	99.7	2.00	5.55	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.94	99.1	6.00	5.56	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7200	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	168	83.9	200	3.56	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	170	84.8	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.3 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 182 - 10' (H243716-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	10.1	
Toluene*	<0.050	0.050	06/28/2024	ND	1.98	98.9	2.00	7.68	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.99	99.7	2.00	5.55	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.94	99.1	6.00	5.56	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	168	83.9	200	3.56	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	170	84.8	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 183 - 10' (H243716-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	10.1		
Toluene*	<0.050	0.050	06/28/2024	ND	1.98	98.9	2.00	7.68		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.99	99.7	2.00	5.55		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.94	99.1	6.00	5.56		
Total BTEX	<0.300	0.300	06/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10000	16.0	06/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	168	83.9	200	3.56		
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	170	84.8	200	3.10		
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND						

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 184 - 10' (H243716-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	10.1	
Toluene*	<0.050	0.050	06/28/2024	ND	1.98	98.9	2.00	7.68	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.99	99.7	2.00	5.55	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.94	99.1	6.00	5.56	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9360	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	168	83.9	200	3.56	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	170	84.8	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 95.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 185 - 10' (H243716-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	10.1	
Toluene*	<0.050	0.050	06/28/2024	ND	1.98	98.9	2.00	7.68	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.99	99.7	2.00	5.55	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.94	99.1	6.00	5.56	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	23800	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	191	95.5	200	2.00	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	220	110	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 186 - 10' (H243716-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	10.1	
Toluene*	<0.050	0.050	06/28/2024	ND	1.98	98.9	2.00	7.68	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.99	99.7	2.00	5.55	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.94	99.1	6.00	5.56	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	06/27/2024	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	06/27/2024	ND	191	95.5	200	2.00	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	220	110	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 187 - 10' (H243716-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	1.90	94.8	2.00	10.1		
Toluene*	<0.050	0.050	06/28/2024	ND	1.98	98.9	2.00	7.68		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.99	99.7	2.00	5.55		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.94	99.1	6.00	5.56		
Total BTEX	<0.300	0.300	06/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	06/27/2024	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	06/27/2024	ND	191	95.5	200	2.00		
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	220	110	200	0.508		
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND						

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 188 - 10' (H243716-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.95	97.3	2.00	13.5	
Toluene*	<0.050	0.050	06/28/2024	ND	1.99	99.4	2.00	14.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	104	2.00	16.4	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.44	107	6.00	16.6	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	06/27/2024	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	06/27/2024	ND	191	95.5	200	2.00	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	220	110	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 189 - 10' (H243716-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.95	97.3	2.00	13.5	
Toluene*	<0.050	0.050	06/28/2024	ND	1.99	99.4	2.00	14.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	104	2.00	16.4	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.44	107	6.00	16.6	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	06/27/2024	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	06/27/2024	ND	191	95.5	200	2.00	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	220	110	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 190 - 10' (H243716-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.95	97.3	2.00	13.5	
Toluene*	<0.050	0.050	06/28/2024	ND	1.99	99.4	2.00	14.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	104	2.00	16.4	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.44	107	6.00	16.6	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	06/27/2024	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	06/27/2024	ND	191	95.5	200	2.00	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	220	110	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 132 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 191 - 10' (H243716-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.95	97.3	2.00	13.5	
Toluene*	<0.050	0.050	06/28/2024	ND	1.99	99.4	2.00	14.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	104	2.00	16.4	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.44	107	6.00	16.6	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	30400	16.0	06/27/2024	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	06/27/2024	ND	191	95.5	200	2.00	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	220	110	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 192 - 10' (H243716-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.95	97.3	2.00	13.5	
Toluene*	<0.050	0.050	06/28/2024	ND	1.99	99.4	2.00	14.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	104	2.00	16.4	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.44	107	6.00	16.6	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7330	16.0	06/27/2024	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	06/27/2024	ND	191	95.5	200	2.00	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	220	110	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 193 - 10' (H243716-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.95	97.3	2.00	13.5	
Toluene*	<0.050	0.050	06/28/2024	ND	1.99	99.4	2.00	14.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	104	2.00	16.4	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.44	107	6.00	16.6	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6530	16.0	06/27/2024	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	06/27/2024	ND	191	95.5	200	2.00	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	220	110	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 194 - 10' (H243716-14)

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	06/28/2024	ND	1.95	97.3	2.00	13.5	
Toluene*	<0.050	0.050	06/28/2024	ND	1.99	99.4	2.00	14.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	104	2.00	16.4	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.44	107	6.00	16.6	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6660	16.0	06/27/2024	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	06/27/2024	ND	191	95.5	200	2.00	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	220	110	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 195 - 10' (H243716-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.95	97.3	2.00	13.5	
Toluene*	<0.050	0.050	06/28/2024	ND	1.99	99.4	2.00	14.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	104	2.00	16.4	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.44	107	6.00	16.6	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6660	16.0	06/27/2024	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	06/27/2024	ND	191	95.5	200	2.00	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	220	110	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 196 - 10' (H243716-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.95	97.3	2.00	13.5	
Toluene*	<0.050	0.050	06/28/2024	ND	1.99	99.4	2.00	14.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	104	2.00	16.4	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.44	107	6.00	16.6	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5860	16.0	06/27/2024	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	06/27/2024	ND	191	95.5	200	2.00	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	220	110	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 197 - 10' (H243716-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.95	97.3	2.00	13.5	
Toluene*	<0.050	0.050	06/28/2024	ND	1.99	99.4	2.00	14.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	104	2.00	16.4	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.44	107	6.00	16.6	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	06/27/2024	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	06/27/2024	ND	191	95.5	200	2.00	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	220	110	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 198 - 10' (H243716-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.95	97.3	2.00	13.5	
Toluene*	<0.050	0.050	06/28/2024	ND	1.99	99.4	2.00	14.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	104	2.00	16.4	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.44	107	6.00	16.6	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	06/27/2024	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	06/27/2024	ND	191	95.5	200	2.00	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	220	110	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 199 - 10' (H243716-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.95	97.3	2.00	13.5	
Toluene*	<0.050	0.050	06/28/2024	ND	1.99	99.4	2.00	14.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	104	2.00	16.4	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.44	107	6.00	16.6	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5860	16.0	06/27/2024	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	06/27/2024	ND	191	95.5	200	2.00	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	220	110	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 200 - 10' (H243716-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.95	97.3	2.00	13.5	
Toluene*	<0.050	0.050	06/28/2024	ND	1.99	99.4	2.00	14.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	104	2.00	16.4	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.44	107	6.00	16.6	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6400	16.0	06/27/2024	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	06/27/2024	ND	191	95.5	200	2.00	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	220	110	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 201 - 10' (H243716-21)

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	06/28/2024	ND	1.95	97.3	2.00	13.5	
Toluene*	<0.050	0.050	06/28/2024	ND	1.99	99.4	2.00	14.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	104	2.00	16.4	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.44	107	6.00	16.6	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	06/27/2024	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	06/27/2024	ND	191	95.5	200	2.00	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	220	110	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 202 - 10' (H243716-22)

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	06/28/2024	ND	1.95	97.3	2.00	13.5		
Toluene*	<0.050	0.050	06/28/2024	ND	1.99	99.4	2.00	14.7		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	104	2.00	16.4		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.44	107	6.00	16.6		
Total BTEX	<0.300	0.300	06/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4720	16.0	06/27/2024	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	06/27/2024	ND	191	95.5	200	2.00		
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	220	110	200	0.508		
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND						

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 203 - 10' (H243716-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.95	97.3	2.00	13.5	
Toluene*	<0.050	0.050	06/28/2024	ND	1.99	99.4	2.00	14.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	104	2.00	16.4	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.44	107	6.00	16.6	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/27/2024	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	06/27/2024	ND	191	95.5	200	2.00	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	220	110	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 204 - 10' (H243716-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	1.95	97.3	2.00	13.5		
Toluene*	<0.050	0.050	06/28/2024	ND	1.99	99.4	2.00	14.7		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	104	2.00	16.4		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.44	107	6.00	16.6		
Total BTEX	<0.300	0.300	06/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6720	16.0	06/27/2024	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	06/27/2024	ND	191	95.5	200	2.00		
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	220	110	200	0.508		
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND						

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 205 - 10' (H243716-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.95	97.3	2.00	13.5	
Toluene*	<0.050	0.050	06/28/2024	ND	1.99	99.4	2.00	14.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	104	2.00	16.4	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.44	107	6.00	16.6	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13000	16.0	06/27/2024	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	06/26/2024	ND	180	90.2	200	0.165	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	185	92.6	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 206 - 10' (H243716-26)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.95	97.3	2.00	13.5	
Toluene*	<0.050	0.050	06/28/2024	ND	1.99	99.4	2.00	14.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	104	2.00	16.4	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.44	107	6.00	16.6	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10100	16.0	06/27/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	180	90.2	200	0.165	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	185	92.6	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 207 - 10' (H243716-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.95	97.3	2.00	13.5	
Toluene*	<0.050	0.050	06/28/2024	ND	1.99	99.4	2.00	14.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	104	2.00	16.4	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.44	107	6.00	16.6	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14700	16.0	06/27/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	180	90.2	200	0.165	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	185	92.6	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 208 - 10' (H243716-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.4	2.00	12.0	
Toluene*	<0.050	0.050	06/28/2024	ND	1.92	95.9	2.00	10.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.01	101	2.00	9.51	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.90	98.3	6.00	9.04	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8530	16.0	06/27/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	180	90.2	200	0.165	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	185	92.6	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 131 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 209 - 10' (H243716-29)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.4	2.00	12.0		
Toluene*	<0.050	0.050	06/28/2024	ND	1.92	95.9	2.00	10.7		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.01	101	2.00	9.51		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.90	98.3	6.00	9.04		
Total BTEX	<0.300	0.300	06/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	15100	16.0	06/27/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	180	90.2	200	0.165		
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	185	92.6	200	1.50		
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND						

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 210 - 10' (H243716-30)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.4	2.00	12.0		
Toluene*	<0.050	0.050	06/28/2024	ND	1.92	95.9	2.00	10.7		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.01	101	2.00	9.51		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.90	98.3	6.00	9.04		
Total BTEX	<0.300	0.300	06/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2760	16.0	06/27/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	180	90.2	200	0.165		
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	185	92.6	200	1.50		
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND						

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 211 - 10' (H243716-31)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.4	2.00	12.0	
Toluene*	<0.050	0.050	06/28/2024	ND	1.92	95.9	2.00	10.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.01	101	2.00	9.51	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.90	98.3	6.00	9.04	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9460	16.0	06/27/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	180	90.2	200	0.165	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	185	92.6	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 212 - 10' (H243716-32)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.4	2.00	12.0	
Toluene*	<0.050	0.050	06/28/2024	ND	1.92	95.9	2.00	10.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.01	101	2.00	9.51	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.90	98.3	6.00	9.04	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9330	16.0	06/27/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	180	90.2	200	0.165	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	185	92.6	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 213 - 10' (H243716-33)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.4	2.00	12.0	
Toluene*	<0.050	0.050	06/28/2024	ND	1.92	95.9	2.00	10.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.01	101	2.00	9.51	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.90	98.3	6.00	9.04	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13700	16.0	06/27/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	180	90.2	200	0.165	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	185	92.6	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 214 - 10' (H243716-34)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.4	2.00	12.0		
Toluene*	<0.050	0.050	06/28/2024	ND	1.92	95.9	2.00	10.7		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.01	101	2.00	9.51		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.90	98.3	6.00	9.04		
Total BTEX	<0.300	0.300	06/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5860	16.0	06/27/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	180	90.2	200	0.165		
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	185	92.6	200	1.50		
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND						

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 215 - 10' (H243716-35)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.4	2.00	12.0		
Toluene*	<0.050	0.050	06/28/2024	ND	1.92	95.9	2.00	10.7		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.01	101	2.00	9.51		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.90	98.3	6.00	9.04		
Total BTEX	<0.300	0.300	06/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	21200	16.0	06/27/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	180	90.2	200	0.165		
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	185	92.6	200	1.50		
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND						

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 216 - 10' (H243716-36)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.4	2.00	12.0	
Toluene*	<0.050	0.050	06/28/2024	ND	1.92	95.9	2.00	10.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.01	101	2.00	9.51	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.90	98.3	6.00	9.04	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3520	16.0	06/27/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	180	90.2	200	0.165	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	185	92.6	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 217 - 10' (H243716-37)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.4	2.00	12.0	
Toluene*	<0.050	0.050	06/28/2024	ND	1.92	95.9	2.00	10.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.01	101	2.00	9.51	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.90	98.3	6.00	9.04	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14200	16.0	06/27/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	180	90.2	200	0.165	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	185	92.6	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 218 - 10' (H243716-38)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.4	2.00	12.0	
Toluene*	<0.050	0.050	06/28/2024	ND	1.92	95.9	2.00	10.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.01	101	2.00	9.51	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.90	98.3	6.00	9.04	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14100	16.0	06/27/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	180	90.2	200	0.165	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	185	92.6	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 128 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 219 - 10' (H243716-39)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.4	2.00	12.0	
Toluene*	<0.050	0.050	06/28/2024	ND	1.92	95.9	2.00	10.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.01	101	2.00	9.51	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.90	98.3	6.00	9.04	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4520	16.0	06/27/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	180	90.2	200	0.165	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	185	92.6	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 128 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 220 - 10' (H243716-40)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.4	2.00	12.0		
Toluene*	<0.050	0.050	06/28/2024	ND	1.92	95.9	2.00	10.7		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.01	101	2.00	9.51		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.90	98.3	6.00	9.04		
Total BTEX	<0.300	0.300	06/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9600	16.0	06/27/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	180	90.2	200	0.165		
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	185	92.6	200	1.50		
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND						

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 221 - 10' (H243716-41)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.4	2.00	12.0		
Toluene*	<0.050	0.050	06/28/2024	ND	1.92	95.9	2.00	10.7		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.01	101	2.00	9.51		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.90	98.3	6.00	9.04		
Total BTEX	<0.300	0.300	06/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	21000	16.0	06/27/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	180	90.2	200	0.165		
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	185	92.6	200	1.50		
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND						

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 222 - 10' (H243716-42)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.4	2.00	12.0	
Toluene*	<0.050	0.050	06/28/2024	ND	1.92	95.9	2.00	10.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.01	101	2.00	9.51	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.90	98.3	6.00	9.04	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16400	16.0	06/27/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	180	90.2	200	0.165	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	185	92.6	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 223 - 10' (H243716-43)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.4	2.00	12.0		
Toluene*	<0.050	0.050	06/28/2024	ND	1.92	95.9	2.00	10.7		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.01	101	2.00	9.51		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.90	98.3	6.00	9.04		
Total BTEX	<0.300	0.300	06/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10500	16.0	06/27/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	180	90.2	200	0.165		
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	185	92.6	200	1.50		
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND						

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 224 - 10' (H243716-44)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.4	2.00	12.0	
Toluene*	<0.050	0.050	06/28/2024	ND	1.92	95.9	2.00	10.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.01	101	2.00	9.51	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.90	98.3	6.00	9.04	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12700	16.0	06/27/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	180	90.2	200	0.165	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	185	92.6	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 225 - 10' (H243716-45)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.4	2.00	12.0	
Toluene*	<0.050	0.050	06/28/2024	ND	1.92	95.9	2.00	10.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.01	101	2.00	9.51	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.90	98.3	6.00	9.04	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6260	16.0	06/27/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	204	102	200	1.94	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	203	102	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 226 - 10' (H243716-46)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.4	2.00	12.0	
Toluene*	<0.050	0.050	06/28/2024	ND	1.92	95.9	2.00	10.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.01	101	2.00	9.51	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.90	98.3	6.00	9.04	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9200	16.0	06/27/2024	ND	464	116	400	7.14	QM-07

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	204	102	200	1.94	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	203	102	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 128 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 227 - 10' (H243716-47)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.93	96.4	2.00	12.0	
Toluene*	<0.050	0.050	06/28/2024	ND	1.92	95.9	2.00	10.7	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.01	101	2.00	9.51	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.90	98.3	6.00	9.04	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5120	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	204	102	200	1.94	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	203	102	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 228 - 10' (H243716-48)

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	06/28/2024	ND	1.91	95.5	2.00	9.44	
Toluene*	<0.050	0.050	06/28/2024	ND	1.87	93.4	2.00	7.50	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.89	94.7	2.00	6.39	QM-07
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.57	92.8	6.00	6.72	QM-07
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4480	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	204	102	200	1.94	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	203	102	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 229 - 10' (H243716-49)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.91	95.5	2.00	9.44	
Toluene*	<0.050	0.050	06/28/2024	ND	1.87	93.4	2.00	7.50	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.89	94.7	2.00	6.39	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.57	92.8	6.00	6.72	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12600	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	204	102	200	1.94	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	203	102	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 131 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 230 - 10' (H243716-50)

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	06/28/2024	ND	1.91	95.5	2.00	9.44	
Toluene*	<0.050	0.050	06/28/2024	ND	1.87	93.4	2.00	7.50	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.89	94.7	2.00	6.39	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.57	92.8	6.00	6.72	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8600	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	204	102	200	1.94	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	203	102	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 128 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 231 - 10' (H243716-51)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.91	95.5	2.00	9.44	
Toluene*	<0.050	0.050	06/28/2024	ND	1.87	93.4	2.00	7.50	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.89	94.7	2.00	6.39	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.57	92.8	6.00	6.72	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6000	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	204	102	200	1.94	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	203	102	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 232 - 10' (H243716-52)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.91	95.5	2.00	9.44	
Toluene*	<0.050	0.050	06/28/2024	ND	1.87	93.4	2.00	7.50	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.89	94.7	2.00	6.39	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.57	92.8	6.00	6.72	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15600	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	204	102	200	1.94	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	203	102	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 233 - 10' (H243716-53)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.91	95.5	2.00	9.44	
Toluene*	<0.050	0.050	06/28/2024	ND	1.87	93.4	2.00	7.50	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.89	94.7	2.00	6.39	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.57	92.8	6.00	6.72	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15200	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	204	102	200	1.94	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	203	102	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 234 - 10' (H243716-54)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.91	95.5	2.00	9.44	
Toluene*	<0.050	0.050	06/28/2024	ND	1.87	93.4	2.00	7.50	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.89	94.7	2.00	6.39	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.57	92.8	6.00	6.72	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4160	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	204	102	200	1.94	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	203	102	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 235 - 10' (H243716-55)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.91	95.5	2.00	9.44	
Toluene*	<0.050	0.050	06/28/2024	ND	1.87	93.4	2.00	7.50	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.89	94.7	2.00	6.39	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.57	92.8	6.00	6.72	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16800	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	204	102	200	1.94	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	203	102	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 236 - 10' (H243716-56)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	1.91	95.5	2.00	9.44		
Toluene*	<0.050	0.050	06/28/2024	ND	1.87	93.4	2.00	7.50		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.89	94.7	2.00	6.39		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.57	92.8	6.00	6.72		
Total BTEX	<0.300	0.300	06/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7280	16.0	06/27/2024	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	204	102	200	1.94		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	203	102	200	2.66		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 128 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 237 - 10' (H243716-57)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.91	95.5	2.00	9.44	
Toluene*	<0.050	0.050	06/28/2024	ND	1.87	93.4	2.00	7.50	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.89	94.7	2.00	6.39	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.57	92.8	6.00	6.72	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6880	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	204	102	200	1.94	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	203	102	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 128 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 238 - 10' (H243716-58)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.91	95.5	2.00	9.44	
Toluene*	<0.050	0.050	06/28/2024	ND	1.87	93.4	2.00	7.50	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.89	94.7	2.00	6.39	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.57	92.8	6.00	6.72	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10400	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	204	102	200	1.94	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	203	102	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 239 - 10' (H243716-59)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	1.91	95.5	2.00	9.44		
Toluene*	<0.050	0.050	06/28/2024	ND	1.87	93.4	2.00	7.50		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.89	94.7	2.00	6.39		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.57	92.8	6.00	6.72		
Total BTEX	<0.300	0.300	06/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10800	16.0	06/27/2024	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	204	102	200	1.94		
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	203	102	200	2.66		
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND						

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 240 - 10' (H243716-60)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.91	95.5	2.00	9.44	
Toluene*	<0.050	0.050	06/28/2024	ND	1.87	93.4	2.00	7.50	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.89	94.7	2.00	6.39	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.57	92.8	6.00	6.72	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4080	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	204	102	200	1.94	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	203	102	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 241 - 10' (H243716-61)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.91	95.5	2.00	9.44	
Toluene*	<0.050	0.050	06/28/2024	ND	1.87	93.4	2.00	7.50	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.89	94.7	2.00	6.39	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.57	92.8	6.00	6.72	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6320	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	204	102	200	1.94	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	203	102	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 242 - 10' (H243716-62)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	1.91	95.5	2.00	9.44		
Toluene*	<0.050	0.050	06/28/2024	ND	1.87	93.4	2.00	7.50		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.89	94.7	2.00	6.39		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.57	92.8	6.00	6.72		
Total BTEX	<0.300	0.300	06/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4480	16.0	06/27/2024	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	204	102	200	1.94		
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	203	102	200	2.66		
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND						

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 243 - 10' (H243716-63)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.91	95.5	2.00	9.44	
Toluene*	<0.050	0.050	06/28/2024	ND	1.87	93.4	2.00	7.50	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.89	94.7	2.00	6.39	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.57	92.8	6.00	6.72	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12200	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	204	102	200	1.94	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	203	102	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 244 - 10' (H243716-64)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	1.91	95.5	2.00	9.44		
Toluene*	<0.050	0.050	06/28/2024	ND	1.87	93.4	2.00	7.50		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.89	94.7	2.00	6.39		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.57	92.8	6.00	6.72		
Total BTEX	<0.300	0.300	06/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11000	16.0	06/27/2024	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	204	102	200	1.94		
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	203	102	200	2.66		
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND						

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 245 - 10' (H243716-65)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.91	95.5	2.00	9.44	
Toluene*	<0.050	0.050	06/28/2024	ND	1.87	93.4	2.00	7.50	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.89	94.7	2.00	6.39	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.57	92.8	6.00	6.72	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10600	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	200	100	200	2.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	183	91.7	200	8.16	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 246 - 10' (H243716-66)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.91	95.5	2.00	9.44	
Toluene*	<0.050	0.050	06/28/2024	ND	1.87	93.4	2.00	7.50	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.89	94.7	2.00	6.39	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.57	92.8	6.00	6.72	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11300	16.0	06/27/2024	ND	432	108	400	0.00	QM-07

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	200	100	200	2.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	183	91.7	200	8.16	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 247 - 10' (H243716-67)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	1.91	95.5	2.00	9.44		
Toluene*	<0.050	0.050	06/28/2024	ND	1.87	93.4	2.00	7.50		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	1.89	94.7	2.00	6.39		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	5.57	92.8	6.00	6.72		
Total BTEX	<0.300	0.300	06/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7330	16.0	06/27/2024	ND	448	112	400	0.00	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	200	100	200	2.59		
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	183	91.7	200	8.16		
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND						

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 248 - 10' (H243716-68)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	0.332	QM-07
Toluene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	2.12	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	103	2.00	2.75	QM-07
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.07	101	6.00	2.70	QM-07
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8660	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	200	100	200	2.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	183	91.7	200	8.16	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 249 - 10' (H243716-69)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	0.332		
Toluene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	2.12		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	103	2.00	2.75		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.07	101	6.00	2.70		
Total BTEX	<0.300	0.300	06/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12400	16.0	06/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	200	100	200	2.59		
DRO >C10-C28*	12.5	10.0	06/27/2024	ND	183	91.7	200	8.16		
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND						

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 140 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 250 - 10' (H243716-70)

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	06/28/2024	ND	1.96	98.0	2.00	0.332	
Toluene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	2.12	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	103	2.00	2.75	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.07	101	6.00	2.70	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11100	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	200	100	200	2.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	183	91.7	200	8.16	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 251 - 10' (H243716-71)

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	06/28/2024	ND	1.96	98.0	2.00	0.332	
Toluene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	2.12	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	103	2.00	2.75	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.07	101	6.00	2.70	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7730	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	200	100	200	2.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	183	91.7	200	8.16	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 1 (H243716-72)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	0.332	
Toluene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	2.12	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	103	2.00	2.75	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.07	101	6.00	2.70	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	200	100	200	2.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	183	91.7	200	8.16	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 2 (H243716-73)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	0.332	
Toluene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	2.12	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	103	2.00	2.75	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.07	101	6.00	2.70	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	200	100	200	2.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	183	91.7	200	8.16	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 3 (H243716-74)

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	06/28/2024	ND	1.96	98.0	2.00	0.332	
Toluene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	2.12	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	103	2.00	2.75	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.07	101	6.00	2.70	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	200	100	200	2.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	183	91.7	200	8.16	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 4 (H243716-75)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	0.332	
Toluene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	2.12	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	103	2.00	2.75	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.07	101	6.00	2.70	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	200	100	200	2.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	183	91.7	200	8.16	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 78.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 5 (H243716-76)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	0.332	
Toluene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	2.12	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	103	2.00	2.75	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.07	101	6.00	2.70	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	200	100	200	2.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	183	91.7	200	8.16	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 6 (H243716-77)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	0.332	
Toluene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	2.12	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	103	2.00	2.75	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.07	101	6.00	2.70	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	200	100	200	2.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	183	91.7	200	8.16	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 7 (H243716-78)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	0.332	
Toluene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	2.12	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	103	2.00	2.75	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.07	101	6.00	2.70	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	200	100	200	2.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	183	91.7	200	8.16	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 8 (H243716-79)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	0.332	
Toluene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	2.12	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	103	2.00	2.75	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.07	101	6.00	2.70	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	200	100	200	2.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	183	91.7	200	8.16	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 9 (H243716-80)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	0.332	
Toluene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	2.12	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	103	2.00	2.75	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.07	101	6.00	2.70	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	200	100	200	2.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	183	91.7	200	8.16	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 10 (H243716-81)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	0.332	
Toluene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	2.12	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	103	2.00	2.75	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.07	101	6.00	2.70	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	200	100	200	2.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	183	91.7	200	8.16	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 11 (H243716-82)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	0.332	
Toluene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	2.12	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	103	2.00	2.75	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.07	101	6.00	2.70	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	200	100	200	2.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	183	91.7	200	8.16	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 12 (H243716-83)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	0.332	
Toluene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	2.12	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	103	2.00	2.75	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.07	101	6.00	2.70	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	200	100	200	2.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	183	91.7	200	8.16	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 13 (H243716-84)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	0.332	
Toluene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	2.12	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	103	2.00	2.75	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.07	101	6.00	2.70	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	200	100	200	2.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	183	91.7	200	8.16	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 14 (H243716-85)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	0.332	
Toluene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	2.12	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	103	2.00	2.75	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.07	101	6.00	2.70	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	183	91.6	200	4.03	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.3	200	6.58	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.2 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 15 (H243716-86)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	0.332	
Toluene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	2.12	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	103	2.00	2.75	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.07	101	6.00	2.70	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	183	91.6	200	4.03	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.3	200	6.58	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 16 (H243716-87)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	0.332	
Toluene*	<0.050	0.050	06/28/2024	ND	1.96	98.0	2.00	2.12	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.07	103	2.00	2.75	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.07	101	6.00	2.70	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	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	06/27/2024	ND	183	91.6	200	4.03	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.3	200	6.58	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 17 (H243716-88)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	2.72		
Toluene*	<0.050	0.050	06/28/2024	ND	2.31	116	2.00	3.33		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.36	118	2.00	4.40		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	7.08	118	6.00	4.71		
Total BTEX	<0.300	0.300	06/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/27/2024	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	06/27/2024	ND	183	91.6	200	4.03		
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.3	200	6.58		
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND						

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 18 (H243716-89)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	2.72	
Toluene*	<0.050	0.050	06/28/2024	ND	2.31	116	2.00	3.33	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.36	118	2.00	4.40	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	7.08	118	6.00	4.71	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	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	06/27/2024	ND	183	91.6	200	4.03	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.3	200	6.58	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	06/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 19 (H243716-90)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	2.72	
Toluene*	<0.050	0.050	06/28/2024	ND	2.31	116	2.00	3.33	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.36	118	2.00	4.40	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	7.08	118	6.00	4.71	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	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	06/27/2024	ND	183	91.6	200	4.03	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.3	200	6.58	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas					
Address: 4024 Plains Hwy		Attn: Greg Boans					
City: Lovington	State: NM	Zip: 88260	Address: 5325 Sierra Vista				
Phone #: 575 393-3386	Fax #:	City: Carlsbad					
Project #:	Project Owner: Murchison Oil & Gas	State: NM	Zip: 88230				
Project Name: Grizzly Bear State Com #2H	Project Location: U/L 1 Sec 1 T17S - R28E	Phone #: 575 706-0667					
Sampler Name: Jerry Heidelberg	Fax #:						

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
18437110		C 1	1	X						6/21/24		X	X	X
		C 1	1	X						6/21/24		X	X	X
		C 1	1	X						6/21/24		X	X	X
		C 1	1	X						6/21/24		X	X	X
		C 1	1	X						6/21/24		X	X	X
		C 1	1	X						6/21/24		X	X	X
		C 1	1	X						6/21/24		X	X	X
		C 1	1	X						6/21/24		X	X	X
		C 1	1	X						6/21/24		X	X	X
		C 1	1	X						6/21/24		X	X	X

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Reinquisitioned By: <i>[Signature]</i>	Date: 10/24/24	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Reinquisitioned By: <i>[Signature]</i>	Time: 0830		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) 1.7:			REMARKS: Email results to: pm@hungry-horse.com	
Sampler - UPS - Bus - Other: #140			gboans@jdmii.com	
CHECKED BY: <i>[Signature]</i>				



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas					
Address: 4024 Plains Hwy		Attn: Greg Boans					
City: Lovington	State: NM	Zip: 88260	Address: 5325 Sierra Vista				
Phone #: 575 393-3386	Fax #:		City: Carlsbad	State: NM	Zip: 88230		
Project #:	Project Owner: Murchison Oil & Gas			Phone #: 575 706-0667			
Project Name: Grizzly Bear State Com #2H	Project Location: U/LI Sec 1 T17S - R28E			Fax #:			
Sampler Name: Jerry Heidelberg							

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
11	FL191-10'	C 1	1	X						6/21/24		X	X	X
12	FL192-10'	C 1	1	X						6/21/24		X	X	X
13	FL193-10'	C 1	1	X						6/21/24		X	X	X
14	FL194-10'	C 1	1	X						6/21/24		X	X	X
15	FL195-10'	C 1	1	X						6/21/24		X	X	X
16	FL196-10'	C 1	1	X						6/21/24		X	X	X
17	FL197-10'	C 1	1	X						6/21/24		X	X	X
18	FL198-10'	C 1	1	X						6/21/24		X	X	X
19	FL199-10'	C 1	1	X						6/21/24		X	X	X
20	FL200-10'	C 1	1	X						6/21/24		X	X	X

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Relinquished By: <i>[Signature]</i>	Date: 6/21/24	Received By: <i>[Signature]</i>	Time: 0830
Delivered By: (Circle One) <u>UPS</u>	Time: 172	Sample Condition	CHECKED BY: <i>[Signature]</i>
Sampler - UPS - Bus - Other: #140		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	(Initials)
		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	

REMARKS: Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 Email results to: pm@hungry-horse.com gboans@jdmii.com



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #:
 Project #: Project Owner: Murchison Oil & Gas
 Project Name: Gizziy Bear State Com #2H
 Project Location: UL / Sec 1 T17S - R29E
 Sample Name: Jerry Heidelberg
 P.O. #:
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0667
 Fax #:
 MATRIX: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER:
 PRESERV. ICE / COOL OTHER:
 FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:					
#043716			1	X							6/21/24		X	X	X
01	FL201-10'		1	X							6/21/24		X	X	X
02	FL202-10'		1	X							6/21/24		X	X	X
03	FL203-10'		1	X							6/21/24		X	X	X
04	FL204-10'		1	X							6/21/24		X	X	X
05	FL205-10'		1	X							6/21/24		X	X	X
06	FL206-10'		1	X							6/21/24		X	X	X
07	FL207-10'		1	X							6/21/24		X	X	X
08	FL208-10'		1	X							6/21/24		X	X	X
09	FL209-10'		1	X							6/21/24		X	X	X
10	FL210-10'		1	X							6/21/24		X	X	X

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Relinquished By: *[Signature]* Date: 6/21/24 Time: 0830
 Received By: *[Signature]* Date:
 Time:
 Sample Condition: Cool Intact Yes No

REMARKS:
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 Email results to: pm@hungry-horse.com gboans@jdmil.com

Delivered By: (Circle One) *1-7c*
 Sampler - UPS - Bus - Other: *#140*
 CHECKED BY: *[Signature]*

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC
Project Manager: Daniel Dominguez
Address: 4024 Plains Hwy
City: Lovington **State:** NM **Zip:** 88260
Phone #: 575 393-3386 **Fax #:**
Project #: **Project Owner:** Murchison Oil & Gas
Project Name: Grizzly Bear State Com #2H
Project Location: U/LI Sec 1 T17S - R28E
Sampler Name: Jerry Heidelberg

BILL TO
P.O. #:
Company: Murchison Oil & Gas
Attn: Greg Boans
Address: 5325 Sierra Vista
City: Carlsbad
State: NM **Zip:** 88230
Phone #: 575 706-0667
Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE					
41	FL221-10'	C 1	X	X					6/21/24	X	X	X	
42	FL222-10'	C 1	X	X					6/21/24	X	X	X	
43	FL223-10'	C 1	X	X					6/21/24	X	X	X	
44	FL224-10'	C 1	X	X					6/21/24	X	X	X	
45	FL225-10'	C 1	X	X					6/21/24	X	X	X	
46	FL226-10'	C 1	X	X					6/21/24	X	X	X	
47	FL227-10'	C 1	X	X					6/21/24	X	X	X	
48	FL228-10'	C 1	X	X					6/21/24	X	X	X	
49	FL229-10'	C 1	X	X					6/21/24	X	X	X	
50	FL230-10'	C 1	X	X					6/21/24	X	X	X	

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Relinquished By: *[Signature]* **Date:** 6/21/24
Received By: *[Signature]* **Date:** 6/21/24
Time: 8:30
Received By: *[Signature]*

REMARKS:
 Email results to: pm@hungry-horse.com
 gboans@jdmil.com

Delivered By: (Circle One) 1-7c
Sampler - UPS - Bus - Other: #140
Sample Condition: Cool Intact
Checked By: *[Signature]*

Phone Result: Yes No **Add'l Phone #:**
Fax Result: Yes No **Add'l Fax #:**



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #: Project Owner: Murchison Oil & Gas
 Project #: Project Name: Grizzly Bear State Com #2H
 Project Location: U/L I Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg
 P.O. #: Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad State: NM Zip: 88230
 Phone #: 575 706-0667
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
51	FL231-10'	C 1	X							6/21/24		X	X	X
52	FL232-10'	C 1	X							6/21/24		X	X	X
53	FL233-10'	C 1	X							6/21/24		X	X	X
54	FL234-10'	C 1	X							6/21/24		X	X	X
55	FL235-10'	C 1	X							6/21/24		X	X	X
56	FL236-10'	C 1	X							6/21/24		X	X	X
57	FL237-10'	C 1	X							6/21/24		X	X	X
58	FL238-10'	C 1	X							6/21/24		X	X	X
59	FL239-10'	C 1	X							6/21/24		X	X	X
60	FL240-10'	C 1	X							6/21/24		X	X	X

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Relinquished By: *[Signature]* Date: 6/24/24 Time: 0830
 Received By: *[Signature]*
 Delivered By: (Circle One) 17E Sample Condition: Intact Cool Yes No
 Sampler - UPS - Bus - Other: \$140 CHECKED BY: *[Signature]*
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 REMARKS: Email results to: pm@hungry-horse.com gboans@idmii.com

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO		ANALYSIS REQUEST						
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas										
Address: 4024 Plains Hwy		Attn: Greg Boans										
City: Lovington	State: NM	Zip: 88260	Address: 5325 Sierra Vista									
Phone #: 575 393-3386	Fax #:	City: Carlsbad										
Project #:	Project Owner: Murchison Oil & Gas	State: NM		Zip: 88230								
Project Name: Grizzly Bear State Com #2H	Project Location: U/L1 Sec 1 T17S - R28E	Phone #: 575 706-0667		Fax #:								
Sampler Name: Jerry Heidelberg												

Lab I.D.	Sample I.D.	(G)GRAB OR (C)COMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
U1	FL241-10'	C	1	X						6/21/24		X	X	
U2	FL242-10'	C	1	X						6/21/24		X	X	
U3	FL243-10'	C	1	X						6/21/24		X	X	
U4	FL244-10'	C	1	X						6/21/24		X	X	
U5	FL245-10'	C	1	X						6/21/24		X	X	
U6	FL246-10'	C	1	X						6/21/24		X	X	
U7	FL247-10'	C	1	X						6/21/24		X	X	
U8	FL248-10'	C	1	X						6/21/24		X	X	
U9	FL249-10'	C	1	X						6/21/24		X	X	
U10	FL250-10'	C	1	X						6/21/24		X	X	

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Relinquished By: <i>[Signature]</i>	Date: 6/21/24	Received By: <i>[Signature]</i>
Time: 8:30		

Delivered By: (Circle One) <i>UPS</i>	Sample Condition	CHECKED BY: <i>[Signature]</i>
Sampler - UPS - Bus - Other: <i>#140</i>	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	(Initials)
	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #:
 Project #: Project Owner: Murchison Oil & Gas
 Project Name: Grizzly Bear State Com #2H
 Project Location: U/L 1 Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg
 P.O. #:
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0667
 Fax #:
 BILL TO
 ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
71	FL251-10'	C 1	1	X							6/21/24		X	X	X
72	SW1	C 1	1	X							6/21/24		X	X	X
73	SW2	C 1	1	X							6/21/24		X	X	X
74	SW3	C 1	1	X							6/21/24		X	X	X
75	SW4	C 1	1	X							6/21/24		X	X	X
76	SW5	C 1	1	X							6/21/24		X	X	X
77	SW6	C 1	1	X							6/21/24		X	X	X
78	SW7	C 1	1	X							6/21/24		X	X	X
79	SW8	C 1	1	X							6/21/24		X	X	X
80	SW9	C 1	1	X							6/21/24		X	X	X

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Relinquished By: *[Signature]* Date: 6/21/24 Time: 0800
 Received By: *[Signature]*
 Delivered By: (Circle One) 1.7c # 140
 Sampler - UPS - Bus - Other: UPS Bus Other
 Sample Condition: Intact Cool Yes No
 CHECKED BY: *[Signature]*
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 REMARKS:
 Email results to: pm@hungry-horse.com
 gboans@jdmii.com

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC
Project Manager: Daniel Dominguez
Address: 4024 Plains Hwy
City: Lovington **State:** NM **Zip:** 88260
Phone #: 575 393-3386 **Fax #:**
Project #: **Project Owner:** Murchison Oil & Gas
Project Name: Grizzly Bear State Com #2H **State:** NM **Zip:** 88230
Project Location: UL/1 Sec 1 T17S - R28E **Phone #:** 575 706-0867
Sampler Name: Jerry Heidelberg **Fax #:**

BILL TO
P.O. #: Murchison Oil & Gas
Company: Murchison Oil & Gas
Attn: Greg Boans
Address: 5325 Sierra Vista
City: Carlsbad
State: NM **Zip:** 88230
Phone #: 575 706-0867 **Fax #:**

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER					
HA15116	SW10	C 1	1	X						6/21/24		X	X	
	SW11	C 1	1	X						6/21/24		X	X	
	SW12	C 1	1	X						6/21/24		X	X	
	SW13	C 1	1	X						6/21/24		X	X	
	SW14	C 1	1	X						6/21/24		X	X	
	SW15	C 1	1	X						6/21/24		X	X	
	SW16	C 1	1	X						6/21/24		X	X	
	SW17	C 1	1	X						6/21/24		X	X	
	SW18	C 1	1	X						6/21/24		X	X	
	SW19	C 1	1	X						6/21/24		X	X	

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Reinquisitioned By: [Signature] **Date:** 6/21/24 **Time:** 0830
Received By: [Signature] **Date:** **Time:**
Delivered By: (Circle One) **UPS** **Bus** **Other** **17c #140**
Sample Condition: Intact Cool Yes No Yes No
CHECKED BY: [Signature] **REMARKS:**
Phone Result: Yes No **Add'l Phone #:**
Fax Result: Yes No **Add'l Fax #:**
Email results to: pm@hungry-horse.com gboans@jdmii.com

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



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

July 01, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: GRIZZLY BEAR STATE COM #2H

Enclosed are the results of analyses for samples received by the laboratory on 06/24/24 8:20.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 20 (H243717-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	2.72	
Toluene*	<0.050	0.050	06/28/2024	ND	2.31	116	2.00	3.33	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.36	118	2.00	4.40	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	7.08	118	6.00	4.71	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	448	112	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	06/27/2024	ND	183	91.6	200	4.03	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.3	200	6.58	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 21 (H243717-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	2.72		
Toluene*	<0.050	0.050	06/28/2024	ND	2.31	116	2.00	3.33		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.36	118	2.00	4.40		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	7.08	118	6.00	4.71		
Total BTEX	<0.300	0.300	06/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/27/2024	ND	448	112	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	06/27/2024	ND	183	91.6	200	4.03		
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.3	200	6.58		
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND						

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 22 (H243717-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	2.72		
Toluene*	<0.050	0.050	06/28/2024	ND	2.31	116	2.00	3.33		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.36	118	2.00	4.40		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	7.08	118	6.00	4.71		
Total BTEX	<0.300	0.300	06/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/27/2024	ND	448	112	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	06/27/2024	ND	183	91.6	200	4.03		
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.3	200	6.58		
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND						

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 23 (H243717-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	2.72		
Toluene*	<0.050	0.050	06/28/2024	ND	2.31	116	2.00	3.33		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.36	118	2.00	4.40		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	7.08	118	6.00	4.71		
Total BTEX	<0.300	0.300	06/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/27/2024	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	06/27/2024	ND	183	91.6	200	4.03		
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.3	200	6.58		
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND						

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 24 (H243717-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	2.72	
Toluene*	<0.050	0.050	06/28/2024	ND	2.31	116	2.00	3.33	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.36	118	2.00	4.40	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	7.08	118	6.00	4.71	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/27/2024	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	06/27/2024	ND	183	91.6	200	4.03	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.3	200	6.58	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 25 (H243717-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	2.72	
Toluene*	<0.050	0.050	06/28/2024	ND	2.31	116	2.00	3.33	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.36	118	2.00	4.40	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	7.08	118	6.00	4.71	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/27/2024	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	06/27/2024	ND	183	91.6	200	4.03	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.3	200	6.58	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 26 (H243717-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	2.72		
Toluene*	<0.050	0.050	06/28/2024	ND	2.31	116	2.00	3.33		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.36	118	2.00	4.40		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	7.08	118	6.00	4.71		
Total BTEX	<0.300	0.300	06/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/27/2024	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	06/27/2024	ND	183	91.6	200	4.03		
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.3	200	6.58		
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND						

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 27 (H243717-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	2.72		
Toluene*	<0.050	0.050	06/28/2024	ND	2.31	116	2.00	3.33		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.36	118	2.00	4.40		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	7.08	118	6.00	4.71		
Total BTEX	<0.300	0.300	06/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/27/2024	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	06/27/2024	ND	183	91.6	200	4.03		
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.3	200	6.58		
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND						

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 28 (H243717-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	2.72		
Toluene*	<0.050	0.050	06/28/2024	ND	2.31	116	2.00	3.33		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.36	118	2.00	4.40		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	7.08	118	6.00	4.71		
Total BTEX	<0.300	0.300	06/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/27/2024	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	06/27/2024	ND	183	91.6	200	4.03		
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.3	200	6.58		
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND						

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 29 (H243717-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	2.72	
Toluene*	<0.050	0.050	06/28/2024	ND	2.31	116	2.00	3.33	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.36	118	2.00	4.40	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	7.08	118	6.00	4.71	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	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	06/27/2024	ND	183	91.6	200	4.03	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.3	200	6.58	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 30 (H243717-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	2.72	
Toluene*	<0.050	0.050	06/28/2024	ND	2.31	116	2.00	3.33	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.36	118	2.00	4.40	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	7.08	118	6.00	4.71	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	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	06/27/2024	ND	183	91.6	200	4.03	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.3	200	6.58	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 70.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 31 (H243717-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	2.72	
Toluene*	<0.050	0.050	06/28/2024	ND	2.31	116	2.00	3.33	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.36	118	2.00	4.40	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	7.08	118	6.00	4.71	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	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	06/27/2024	ND	183	91.6	200	4.03	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.3	200	6.58	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 32 (H243717-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	2.72	
Toluene*	<0.050	0.050	06/28/2024	ND	2.31	116	2.00	3.33	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.36	118	2.00	4.40	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	7.08	118	6.00	4.71	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	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	06/27/2024	ND	183	91.6	200	4.03	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.3	200	6.58	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 33 (H243717-14)

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	06/28/2024	ND	2.11	106	2.00	2.72		
Toluene*	<0.050	0.050	06/28/2024	ND	2.31	116	2.00	3.33		
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.36	118	2.00	4.40		
Total Xylenes*	<0.150	0.150	06/28/2024	ND	7.08	118	6.00	4.71		
Total BTEX	<0.300	0.300	06/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/27/2024	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	06/27/2024	ND	183	91.6	200	4.03		
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.3	200	6.58		
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND						

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 34 (H243717-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	2.72	
Toluene*	<0.050	0.050	06/28/2024	ND	2.31	116	2.00	3.33	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.36	118	2.00	4.40	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	7.08	118	6.00	4.71	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	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	06/27/2024	ND	181	90.7	200	4.06	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	181	90.7	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 35 (H243717-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	2.72	
Toluene*	<0.050	0.050	06/28/2024	ND	2.31	116	2.00	3.33	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.36	118	2.00	4.40	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	7.08	118	6.00	4.71	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	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	06/27/2024	ND	181	90.7	200	4.06	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	181	90.7	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 74.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 36 (H243717-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	2.72	
Toluene*	<0.050	0.050	06/28/2024	ND	2.31	116	2.00	3.33	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.36	118	2.00	4.40	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	7.08	118	6.00	4.71	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	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	06/27/2024	ND	181	90.7	200	4.06	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	181	90.7	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.2 % 49.1-148

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Analytical Results For:

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

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 37 (H243717-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.1	2.00	1.65	
Toluene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	8.95	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	13.2	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.85	114	6.00	12.7	
Total BTEX	<0.300	0.300	06/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/27/2024	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	06/27/2024	ND	181	90.7	200	4.06	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	181	90.7	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.0 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 38 (H243717-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.1	2.00	1.65	
Toluene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	8.95	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	13.2	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.85	114	6.00	12.7	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	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	06/27/2024	ND	181	90.7	200	4.06	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	181	90.7	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 39 (H243717-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.1	2.00	1.65	
Toluene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	8.95	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	13.2	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.85	114	6.00	12.7	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	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	06/27/2024	ND	181	90.7	200	4.06	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	181	90.7	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 67.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 60.2 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 40 (H243717-21)

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	06/28/2024	ND	1.96	98.1	2.00	1.65	
Toluene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	8.95	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	13.2	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.85	114	6.00	12.7	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	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	06/27/2024	ND	181	90.7	200	4.06	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	181	90.7	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 66.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 41 (H243717-22)

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	06/28/2024	ND	1.96	98.1	2.00	1.65	
Toluene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	8.95	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	13.2	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.85	114	6.00	12.7	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/27/2024	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	06/27/2024	ND	181	90.7	200	4.06	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	181	90.7	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 75.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.1 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 42 (H243717-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.1	2.00	1.65	
Toluene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	8.95	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	13.2	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.85	114	6.00	12.7	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	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	06/27/2024	ND	181	90.7	200	4.06	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	181	90.7	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 43 (H243717-24)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.1	2.00	1.65	
Toluene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	8.95	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	13.2	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.85	114	6.00	12.7	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	181	90.7	200	4.06	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	181	90.7	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 77.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.7 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 44 (H243717-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.1	2.00	1.65	
Toluene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	8.95	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	13.2	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.85	114	6.00	12.7	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	181	90.7	200	4.06	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	181	90.7	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 70.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 45 (H243717-26)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.1	2.00	1.65	
Toluene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	8.95	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	13.2	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.85	114	6.00	12.7	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	181	90.7	200	4.06	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	181	90.7	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 74.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.0 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 46 (H243717-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.1	2.00	1.65	
Toluene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	8.95	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	13.2	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.85	114	6.00	12.7	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	181	90.7	200	4.06	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	181	90.7	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.2 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 47 (H243717-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.1	2.00	1.65	
Toluene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	8.95	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	13.2	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.85	114	6.00	12.7	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	181	90.7	200	4.06	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	181	90.7	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.4 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 48 (H243717-29)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.1	2.00	1.65	
Toluene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	8.95	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	13.2	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.85	114	6.00	12.7	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	181	90.7	200	4.06	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	181	90.7	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 58.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 51.0 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 49 (H243717-30)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.1	2.00	1.65	
Toluene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	8.95	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	13.2	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.85	114	6.00	12.7	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	181	90.7	200	4.06	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	181	90.7	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 50 (H243717-31)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.1	2.00	1.65	
Toluene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	8.95	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	13.2	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.85	114	6.00	12.7	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	181	90.7	200	4.06	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	181	90.7	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 73.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 51 (H243717-32)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.1	2.00	1.65	
Toluene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	8.95	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	13.2	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.85	114	6.00	12.7	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	181	90.7	200	4.06	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	181	90.7	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 75.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.1 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 52 (H243717-33)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.1	2.00	1.65	
Toluene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	8.95	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	13.2	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.85	114	6.00	12.7	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	181	90.7	200	4.06	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	181	90.7	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 73.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 53 (H243717-34)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.1	2.00	1.65	
Toluene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	8.95	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	13.2	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.85	114	6.00	12.7	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	181	90.7	200	4.06	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	181	90.7	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 71.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.6 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 54 (H243717-35)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.1	2.00	1.65	
Toluene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	8.95	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	13.2	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.85	114	6.00	12.7	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	189	94.3	200	4.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.4	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 55 (H243717-36)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.1	2.00	1.65	
Toluene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	8.95	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	13.2	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.85	114	6.00	12.7	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	189	94.3	200	4.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.4	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 56 (H243717-37)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/28/2024	ND	1.96	98.1	2.00	1.65	
Toluene*	<0.050	0.050	06/28/2024	ND	2.11	106	2.00	8.95	
Ethylbenzene*	<0.050	0.050	06/28/2024	ND	2.22	111	2.00	13.2	
Total Xylenes*	<0.150	0.150	06/28/2024	ND	6.85	114	6.00	12.7	
Total BTEX	<0.300	0.300	06/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	189	94.3	200	4.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.4	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 57 (H243717-38)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.01	101	2.00	4.64	
Toluene*	<0.050	0.050	06/29/2024	ND	1.98	99.2	2.00	3.86	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.02	101	2.00	3.22	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	5.94	98.9	6.00	3.40	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	189	94.3	200	4.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.4	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 58 (H243717-39)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.01	101	2.00	4.64	
Toluene*	<0.050	0.050	06/29/2024	ND	1.98	99.2	2.00	3.86	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.02	101	2.00	3.22	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	5.94	98.9	6.00	3.40	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	189	94.3	200	4.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.4	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 59 (H243717-40)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.01	101	2.00	4.64	
Toluene*	<0.050	0.050	06/29/2024	ND	1.98	99.2	2.00	3.86	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.02	101	2.00	3.22	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	5.94	98.9	6.00	3.40	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	189	94.3	200	4.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.4	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 72.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.7 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 60 (H243717-41)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.01	101	2.00	4.64	
Toluene*	<0.050	0.050	06/29/2024	ND	1.98	99.2	2.00	3.86	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.02	101	2.00	3.22	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	5.94	98.9	6.00	3.40	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	189	94.3	200	4.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.4	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 75.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 61 (H243717-42)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.01	101	2.00	4.64	
Toluene*	<0.050	0.050	06/29/2024	ND	1.98	99.2	2.00	3.86	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.02	101	2.00	3.22	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	5.94	98.9	6.00	3.40	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	189	94.3	200	4.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.4	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 62 (H243717-43)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.01	101	2.00	4.64	
Toluene*	<0.050	0.050	06/29/2024	ND	1.98	99.2	2.00	3.86	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.02	101	2.00	3.22	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	5.94	98.9	6.00	3.40	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	189	94.3	200	4.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.4	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 68.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.0 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 63 (H243717-44)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.01	101	2.00	4.64	
Toluene*	<0.050	0.050	06/29/2024	ND	1.98	99.2	2.00	3.86	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.02	101	2.00	3.22	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	5.94	98.9	6.00	3.40	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/27/2024	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	06/27/2024	ND	189	94.3	200	4.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.4	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 74.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 64 (H243717-45)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.01	101	2.00	4.64	
Toluene*	<0.050	0.050	06/29/2024	ND	1.98	99.2	2.00	3.86	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.02	101	2.00	3.22	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	5.94	98.9	6.00	3.40	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/27/2024	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	06/27/2024	ND	189	94.3	200	4.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.4	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 65 (H243717-46)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.01	101	2.00	4.64	
Toluene*	<0.050	0.050	06/29/2024	ND	1.98	99.2	2.00	3.86	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.02	101	2.00	3.22	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	5.94	98.9	6.00	3.40	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/27/2024	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	06/27/2024	ND	189	94.3	200	4.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.4	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 76.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 66 (H243717-47)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.01	101	2.00	4.64	
Toluene*	<0.050	0.050	06/29/2024	ND	1.98	99.2	2.00	3.86	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.02	101	2.00	3.22	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	5.94	98.9	6.00	3.40	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/27/2024	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	06/27/2024	ND	189	94.3	200	4.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.4	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 73.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 67 (H243717-48)

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	06/29/2024	ND	2.01	101	2.00	4.64	
Toluene*	<0.050	0.050	06/29/2024	ND	1.98	99.2	2.00	3.86	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.02	101	2.00	3.22	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	5.94	98.9	6.00	3.40	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/27/2024	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	06/27/2024	ND	189	94.3	200	4.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.4	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 68 (H243717-49)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.01	101	2.00	4.64	
Toluene*	<0.050	0.050	06/29/2024	ND	1.98	99.2	2.00	3.86	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.02	101	2.00	3.22	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	5.94	98.9	6.00	3.40	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/27/2024	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	06/27/2024	ND	189	94.3	200	4.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.4	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 69 (H243717-50)

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	06/29/2024	ND	2.01	101	2.00	4.64	
Toluene*	<0.050	0.050	06/29/2024	ND	1.98	99.2	2.00	3.86	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.02	101	2.00	3.22	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	5.94	98.9	6.00	3.40	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/27/2024	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	06/27/2024	ND	189	94.3	200	4.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.4	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 70 (H243717-51)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.01	101	2.00	4.64	
Toluene*	<0.050	0.050	06/29/2024	ND	1.98	99.2	2.00	3.86	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.02	101	2.00	3.22	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	5.94	98.9	6.00	3.40	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	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	06/27/2024	ND	189	94.3	200	4.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.4	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 71 (H243717-52)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.01	101	2.00	4.64	
Toluene*	<0.050	0.050	06/29/2024	ND	1.98	99.2	2.00	3.86	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.02	101	2.00	3.22	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	5.94	98.9	6.00	3.40	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	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	06/30/2024	ND	189	94.3	200	4.59	
DRO >C10-C28*	<10.0	10.0	06/30/2024	ND	187	93.4	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	06/30/2024	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 72 (H243717-53)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.01	101	2.00	4.64	
Toluene*	<0.050	0.050	06/29/2024	ND	1.98	99.2	2.00	3.86	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.02	101	2.00	3.22	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	5.94	98.9	6.00	3.40	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	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	06/27/2024	ND	189	94.3	200	4.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.4	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 73 (H243717-54)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.01	101	2.00	4.64	
Toluene*	<0.050	0.050	06/29/2024	ND	1.98	99.2	2.00	3.86	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.02	101	2.00	3.22	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	5.94	98.9	6.00	3.40	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	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	06/27/2024	ND	189	94.3	200	4.59	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	187	93.4	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 74 (H243717-55)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.01	101	2.00	4.64	
Toluene*	<0.050	0.050	06/29/2024	ND	1.98	99.2	2.00	3.86	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.02	101	2.00	3.22	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	5.94	98.9	6.00	3.40	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	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	06/27/2024	ND	187	93.7	200	3.69	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	191	95.4	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 75 (H243717-56)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.01	101	2.00	4.64	
Toluene*	<0.050	0.050	06/29/2024	ND	1.98	99.2	2.00	3.86	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.02	101	2.00	3.22	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	5.94	98.9	6.00	3.40	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/27/2024	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	06/27/2024	ND	187	93.7	200	3.69	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	191	95.4	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 76 (H243717-57)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.01	101	2.00	4.64	
Toluene*	<0.050	0.050	06/29/2024	ND	1.98	99.2	2.00	3.86	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.02	101	2.00	3.22	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	5.94	98.9	6.00	3.40	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	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	06/27/2024	ND	187	93.7	200	3.69	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	191	95.4	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 77 (H243717-58)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.09	105	2.00	0.00521	
Toluene*	<0.050	0.050	06/29/2024	ND	2.27	114	2.00	0.273	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.29	115	2.00	0.539	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	7.05	118	6.00	0.609	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/27/2024	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	06/27/2024	ND	187	93.7	200	3.69	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	191	95.4	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 78 (H243717-59)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.09	105	2.00	0.00521	
Toluene*	<0.050	0.050	06/29/2024	ND	2.27	114	2.00	0.273	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.29	115	2.00	0.539	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	7.05	118	6.00	0.609	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	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	06/27/2024	ND	187	93.7	200	3.69	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	191	95.4	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 79 (H243717-60)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.09	105	2.00	0.00521	
Toluene*	<0.050	0.050	06/29/2024	ND	2.27	114	2.00	0.273	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.29	115	2.00	0.539	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	7.05	118	6.00	0.609	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/27/2024	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	06/27/2024	ND	187	93.7	200	3.69	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	191	95.4	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 80 (H243717-61)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.09	105	2.00	0.00521	
Toluene*	<0.050	0.050	06/29/2024	ND	2.27	114	2.00	0.273	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.29	115	2.00	0.539	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	7.05	118	6.00	0.609	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/27/2024	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	06/27/2024	ND	187	93.7	200	3.69	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	191	95.4	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 81 (H243717-62)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.09	105	2.00	0.00521	
Toluene*	<0.050	0.050	06/29/2024	ND	2.27	114	2.00	0.273	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.29	115	2.00	0.539	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	7.05	118	6.00	0.609	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	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	06/27/2024	ND	187	93.7	200	3.69	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	191	95.4	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 82 (H243717-63)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.09	105	2.00	0.00521	
Toluene*	<0.050	0.050	06/29/2024	ND	2.27	114	2.00	0.273	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.29	115	2.00	0.539	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	7.05	118	6.00	0.609	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	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	06/27/2024	ND	187	93.7	200	3.69	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	191	95.4	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 83 (H243717-64)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.09	105	2.00	0.00521	
Toluene*	<0.050	0.050	06/29/2024	ND	2.27	114	2.00	0.273	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.29	115	2.00	0.539	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	7.05	118	6.00	0.609	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	187	93.7	200	3.69	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	191	95.4	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 84 (H243717-65)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.09	105	2.00	0.00521	
Toluene*	<0.050	0.050	06/29/2024	ND	2.27	114	2.00	0.273	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.29	115	2.00	0.539	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	7.05	118	6.00	0.609	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	187	93.7	200	3.69	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	191	95.4	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 85 (H243717-66)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.09	105	2.00	0.00521	
Toluene*	<0.050	0.050	06/29/2024	ND	2.27	114	2.00	0.273	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.29	115	2.00	0.539	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	7.05	118	6.00	0.609	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	187	93.7	200	3.69	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	191	95.4	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 99.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 86 (H243717-67)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.09	105	2.00	0.00521	
Toluene*	<0.050	0.050	06/29/2024	ND	2.27	114	2.00	0.273	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.29	115	2.00	0.539	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	7.05	118	6.00	0.609	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	187	93.7	200	3.69	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	191	95.4	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 87 (H243717-68)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.09	105	2.00	0.00521	
Toluene*	<0.050	0.050	06/29/2024	ND	2.27	114	2.00	0.273	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.29	115	2.00	0.539	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	7.05	118	6.00	0.609	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	187	93.7	200	3.69	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	191	95.4	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 88 (H243717-69)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.09	105	2.00	0.00521	
Toluene*	<0.050	0.050	06/29/2024	ND	2.27	114	2.00	0.273	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.29	115	2.00	0.539	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	7.05	118	6.00	0.609	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	187	93.7	200	3.69	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	191	95.4	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 89 (H243717-70)

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	06/29/2024	ND	2.09	105	2.00	0.00521	
Toluene*	<0.050	0.050	06/29/2024	ND	2.27	114	2.00	0.273	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.29	115	2.00	0.539	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	7.05	118	6.00	0.609	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	187	93.7	200	3.69	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	191	95.4	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 90 (H243717-71)

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	06/29/2024	ND	2.09	105	2.00	0.00521	
Toluene*	<0.050	0.050	06/29/2024	ND	2.27	114	2.00	0.273	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.29	115	2.00	0.539	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	7.05	118	6.00	0.609	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	187	93.7	200	3.69	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	191	95.4	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 95.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 91 (H243717-72)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.09	105	2.00	0.00521	
Toluene*	<0.050	0.050	06/29/2024	ND	2.27	114	2.00	0.273	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.29	115	2.00	0.539	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	7.05	118	6.00	0.609	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/28/2024	ND	187	93.7	200	3.69	
DRO >C10-C28*	<10.0	10.0	06/28/2024	ND	191	95.4	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	06/28/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 92 (H243717-73)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.09	105	2.00	0.00521	
Toluene*	<0.050	0.050	06/29/2024	ND	2.27	114	2.00	0.273	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.29	115	2.00	0.539	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	7.05	118	6.00	0.609	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/28/2024	ND	187	93.7	200	3.69	
DRO >C10-C28*	<10.0	10.0	06/28/2024	ND	191	95.4	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	06/28/2024	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 93 (H243717-74)

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	06/29/2024	ND	2.09	105	2.00	0.00521	
Toluene*	<0.050	0.050	06/29/2024	ND	2.27	114	2.00	0.273	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.29	115	2.00	0.539	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	7.05	118	6.00	0.609	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/28/2024	ND	187	93.7	200	3.69	
DRO >C10-C28*	<10.0	10.0	06/28/2024	ND	191	95.4	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	06/28/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
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 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 94 (H243717-75)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.09	105	2.00	0.00521	
Toluene*	<0.050	0.050	06/29/2024	ND	2.27	114	2.00	0.273	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.29	115	2.00	0.539	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	7.05	118	6.00	0.609	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2024	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	202	101	200	4.49	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	196	97.9	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 95 (H243717-76)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.09	105	2.00	0.00521	
Toluene*	<0.050	0.050	06/29/2024	ND	2.27	114	2.00	0.273	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.29	115	2.00	0.539	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	7.05	118	6.00	0.609	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	202	101	200	4.49	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	196	97.9	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 96 (H243717-77)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	2.09	105	2.00	0.00521	
Toluene*	<0.050	0.050	06/29/2024	ND	2.27	114	2.00	0.273	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.29	115	2.00	0.539	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	7.05	118	6.00	0.609	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	202	101	200	4.49	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	196	97.9	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 97 (H243717-78)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	1.93	96.6	2.00	7.96	
Toluene*	<0.050	0.050	06/29/2024	ND	1.94	97.0	2.00	7.22	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.05	103	2.00	6.97	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	6.05	101	6.00	7.04	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/27/2024	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	202	101	200	4.49	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	196	97.9	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 98 (H243717-79)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	1.93	96.6	2.00	7.96	
Toluene*	<0.050	0.050	06/29/2024	ND	1.94	97.0	2.00	7.22	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.05	103	2.00	6.97	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	6.05	101	6.00	7.04	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	202	101	200	4.49	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	196	97.9	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 99 (H243717-80)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	1.93	96.6	2.00	7.96	
Toluene*	<0.050	0.050	06/29/2024	ND	1.94	97.0	2.00	7.22	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.05	103	2.00	6.97	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	6.05	101	6.00	7.04	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/27/2024	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	202	101	200	4.49	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	196	97.9	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 100 (H243717-81)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	1.93	96.6	2.00	7.96	
Toluene*	<0.050	0.050	06/29/2024	ND	1.94	97.0	2.00	7.22	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.05	103	2.00	6.97	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	6.05	101	6.00	7.04	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	202	101	200	4.49	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	196	97.9	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 72.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 101 (H243717-82)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	1.93	96.6	2.00	7.96	
Toluene*	<0.050	0.050	06/29/2024	ND	1.94	97.0	2.00	7.22	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.05	103	2.00	6.97	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	6.05	101	6.00	7.04	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/27/2024	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	202	101	200	4.49	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	196	97.9	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 102 (H243717-83)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	1.93	96.6	2.00	7.96	
Toluene*	<0.050	0.050	06/29/2024	ND	1.94	97.0	2.00	7.22	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.05	103	2.00	6.97	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	6.05	101	6.00	7.04	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/27/2024	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	202	101	200	4.49	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	196	97.9	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 103 (H243717-84)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	1.93	96.6	2.00	7.96	
Toluene*	<0.050	0.050	06/29/2024	ND	1.94	97.0	2.00	7.22	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.05	103	2.00	6.97	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	6.05	101	6.00	7.04	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/28/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	202	101	200	4.49	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	196	97.9	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 104 (H243717-85)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	1.93	96.6	2.00	7.96	
Toluene*	<0.050	0.050	06/29/2024	ND	1.94	97.0	2.00	7.22	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.05	103	2.00	6.97	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	6.05	101	6.00	7.04	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/28/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	202	101	200	4.49	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	196	97.9	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/24/2024	Sampling Date:	06/21/2024
Reported:	07/01/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 105 (H243717-86)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2024	ND	1.93	96.6	2.00	7.96	
Toluene*	<0.050	0.050	06/29/2024	ND	1.94	97.0	2.00	7.22	
Ethylbenzene*	<0.050	0.050	06/29/2024	ND	2.05	103	2.00	6.97	
Total Xylenes*	<0.150	0.150	06/29/2024	ND	6.05	101	6.00	7.04	
Total BTEX	<0.300	0.300	06/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/28/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2024	ND	202	101	200	4.49	
DRO >C10-C28*	<10.0	10.0	06/27/2024	ND	196	97.9	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	06/27/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #:
 Project #: Project Owner: Murchison Oil & Gas
 Project Name: Gizzly Bear State Com #2H
 Project Location: UL/1 Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg
 P.O. #:
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0667
 Fax #:
 PRESERV.
 MATRIX: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER:
 ACID/BASE: ICE / COOL OTHER:
 DATE: 6/21/24

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:					
HA43717			1			X					6/21/24		X	X	X
	SW20		1			X					6/21/24		X	X	X
	SW21		1			X					6/21/24		X	X	X
	SW22		1			X					6/21/24		X	X	X
	SW23		1			X					6/21/24		X	X	X
	SW24		1			X					6/21/24		X	X	X
	SW25		1			X					6/21/24		X	X	X
	SW26		1			X					6/21/24		X	X	X
	SW27		1			X					6/21/24		X	X	X
	SW28		1			X					6/21/24		X	X	X
	SW29		1			X					6/21/24		X	X	X

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Relinquished By: *[Signature]* Date: 6/24/24
 Received By: *[Signature]* Date: 6/21/24
 Time: 0830
 Sample Condition: Cool Intact
 Yes No Yes No

Delivered By: (Circle One) 1-72
 Sampler - UPS - Bus - Other: #140
 CHECKED BY: *[Signature]*
 REMARKS: Email results to: pm@hungry-horse.com
 gboans@idmii.com



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #:
 Project #: Project Owner: Murchison Oil & Gas
 Project Name: Grizzly Bear State Com #2H
 Project Location: U/L 1 Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg
 P.O. #:
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0667
 Fax #:
 MATRIX: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER: ACID/BASE, ICE / COOL, OTHER:
 PRESERV. SAMPLING

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	Chloride	TPH	BTEX 8021
11	11	C	1	X			6/21/24		X	X	X
12	12	C	1	X			6/21/24		X	X	X
13	13	C	1	X			6/21/24		X	X	X
14	14	C	1	X			6/21/24		X	X	X
15	15	C	1	X			6/21/24		X	X	X
16	16	C	1	X			6/21/24		X	X	X
17	17	C	1	X			6/21/24		X	X	X
18	18	C	1	X			6/21/24		X	X	X
19	19	C	1	X			6/21/24		X	X	X
20	20	C	1	X			6/21/24		X	X	X

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Relinquished By: *[Signature]* Date: 6/21/24 Time: 08:00
 Received By: *[Signature]*
 Sample Condition: Cool Intact Yes No
 CHECKED BY: *[Signature]*

REMARKS:
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 Email results to: pm@hungry-horse.com
 gboans@jdmll.com

Delivered By: (Circle One) 1. 7c
 Sampler - UPS - Bus - Other: #1140
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #: Project Owner: Murchison Oil & Gas
 Project #: Project Name: Grizzly Bear State Com #2H
 Project Location: U/L I Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg
 P.O. #: Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0667
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
1013117														
21	SW40	C	1	X						6/21/24		X	X	
22	SW41	C	1	X						6/21/24		X	X	
23	SW42	C	1	X						6/21/24		X	X	
24	SW43	C	1	X						6/21/24		X	X	
25	SW44	C	1	X						6/21/24		X	X	
26	SW45	C	1	X						6/21/24		X	X	
27	SW46	C	1	X						6/21/24		X	X	
28	SW47	C	1	X						6/21/24		X	X	
29	SW48	C	1	X						6/21/24		X	X	
30	SW49	C	1	X						6/21/24		X	X	

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Reinquisitioned By: *[Signature]* Date: 6/24/24 Time: 08:30
 Received By: *[Signature]*

REMARKS: Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 Email results to: pm@hungry-horse.com gboans@jdmil.com

Delivered By: (Circle One) *SR* 1-7-2
 Sampler - UPS - Bus - Other: *#140*
 Sample Condition: Cool Intact
 Checked By: *[Signature]*

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #:
 Project #: Project Owner: Murchison Oil & Gas
 Project Name: Grizzly Bear State Com #2H State: NM Zip: 88230
 Project Location: U/L I Sec 1 T17S - R28E Phone #: 575 706-0667
 Sampler Name: Jerry Heidelberg Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.	SAMPLING	DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:							
1043717			1	X								6/21/24		X	X	X	
	SW50		1	X								6/21/24		X	X	X	
	SW51		1	X								6/21/24		X	X	X	
	SW52		1	X								6/21/24		X	X	X	
	SW53		1	X								6/21/24		X	X	X	
	SW54		1	X								6/21/24		X	X	X	
	SW55		1	X								6/21/24		X	X	X	
	SW56		1	X								6/21/24		X	X	X	
	SW57		1	X								6/21/24		X	X	X	
	SW58		1	X								6/21/24		X	X	X	
	SW59		1	X								6/21/24		X	X	X	

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Relinquished By: *[Signature]* Date: *6/21/24* Time: *0830*
 Received By: *[Signature]*
 Relinquished By: *[Signature]* Date: _____ Time: _____
 Received By: _____

REMARKS:
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 Email results to: pm@hungry-horse.com
 gboans@jdmii.com

Delivered By: (Circle One) *1-7c*
 Sampler - UPS - Bus - Other: *#140*
 Sample Condition: Cool Intact Yes No
 CHECKED BY: *[Signature]*

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #:
 Project #: Project Owner: Murchison Oil & Gas
 Project Name: Grizzly Bear State Com #2H
 Project Location: U/L 1 Sec 1 T17S - R29E
 Sampler Name: Jerry Heidelberg
 P.O. #:
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0667
 Fax #:
 PRESERV.
 MATRIX: GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:
 ACID/BASE: ICE / COOL: OTHER:
 DATE: 6/21/24 TIME:
 SAMPLED BY:
 CHECKED BY:
 Sample Condition: Cool Intact Res No Yes No No

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER					
41	SW60	C	1	X						6/21/24		X	X	X
42	SW61	C	1	X						6/21/24		X	X	X
43	SW62	C	1	X						6/21/24		X	X	X
44	SW63	C	1	X						6/21/24		X	X	X
45	SW64	C	1	X						6/21/24		X	X	X
46	SW65	C	1	X						6/21/24		X	X	X
47	SW66	C	1	X						6/21/24		X	X	X
48	SW67	C	1	X						6/21/24		X	X	X
49	SW68	C	1	X						6/21/24		X	X	X
50	SW69	C	1	X						6/21/24		X	X	X

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Relinquished By: *[Signature]* Date: 6/21/24 Time: 0830
 Received By: *[Signature]*
 Delivered By: (Circle One) 1-7c
 Sampler - UPS - Bus - Other: #140
 CHECKED BY: *[Signature]*

REMARKS:
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 Email results to: pm@hungry-horse.com
 gboans@jdmil.com

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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #: 88260
 Project #: Murchison Oil & Gas
 Project Name: Grizzly Bear State Com #2H
 Project Location: U/L I Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg
 P.O. #: Murchison Oil & Gas
 Company: Greg Boans
 Attn: Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0667
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX							PRESERV.	SAMPLING	DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:							
H21317	SW70	C 1	X									6/21/24		X	X	X	
52	SW71	C 1	X									6/21/24		X	X	X	
53	SW72	C 1	X									6/21/24		X	X	X	
54	SW73	C 1	X									6/21/24		X	X	X	
55	SW74	C 1	X									6/21/24		X	X	X	
56	SW75	C 1	X									6/21/24		X	X	X	
57	SW76	C 1	X									6/21/24		X	X	X	
58	SW77	C 1	X									6/21/24		X	X	X	
59	SW78	C 1	X									6/21/24		X	X	X	
60	SW79	C 1	X									6/21/24		X	X	X	

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Relinquished By: *[Signature]* Date: 6/21/24 Time: 8:34
 Received By: *[Signature]* Date: 6/21/24 Time: 8:34

Delivered By: (Circle One) 7c
 Sampler - UPS - Bus - Other: #140
 Sample Condition: Intact Cool Yes No

Checked By: *[Signature]* (Initials) 872
 Email results to: pm@hungry-horse.com
 gboans@jdmil.com



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #:
 Project #: Project Owner: Murchison Oil & Gas
 Project Name: Grizzly Bear State Com #2H
 Project Location: U/LI Sec 1 T17S - R29E
 Sampler Name: Jerry Heidelberg
 P.O. #:
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0667
 Fax #:
 MATRIX: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER: ACID/BASE, ICE / COOL, OTHER:
 PRESERV. SAMPLING

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH	BTEX 8021
4013717	SW80	C	1	X									6/21/24		X	X	X
	SW81	C	1	X									6/21/24		X	X	X
	SW82	C	1	X									6/21/24		X	X	X
	SW83	C	1	X									6/21/24		X	X	X
	SW84	C	1	X									6/21/24		X	X	X
	SW85	C	1	X									6/21/24		X	X	X
	SW86	C	1	X									6/21/24		X	X	X
	SW87	C	1	X									6/21/24		X	X	X
	SW88	C	1	X									6/21/24		X	X	X
	SW89	C	1	X									6/21/24		X	X	X

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Relinquished By: *[Signature]* Date: 6/21/24 Time: 8:00
 Received By: *[Signature]*
 Relinquished By: *[Signature]* Date:
 Time:
 Received By:
 Sample Condition: Intact Cool Yes No Yes No
 CHECKED BY: *[Signature]*
 REMARKS:
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 Email results to: pm@hungry-horse.com gboans@jdmil.com

Delivered By: (Circle One) UPS Bus Other:
 \$170 \$140
 Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #: [blank]
 Project #: [blank] Project Owner: Murchison Oil & Gas
 Project Name: Grizzly Bear State Com #2H
 Project Location: U/L I Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg
 P.O. #: [blank] Company: Murchison Oil & Gas
 Attn: Greg Boans Address: 5325 Sierra Vista
 City: Carlsbad State: NM Zip: 88230
 Phone #: 575 706-0667 Fax #: [blank]

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
HA13717	SW90	C 1	1	X							6/21/24		X	X	X
	SW91	C 1	1	X							6/21/24		X	X	X
	SW92	C 1	1	X							6/21/24		X	X	X
	SW93	C 1	1	X							6/21/24		X	X	X
	SW94	C 1	1	X							6/21/24		X	X	X
	SW95	C 1	1	X							6/21/24		X	X	X
	SW96	C 1	1	X							6/21/24		X	X	X
	SW97	C 1	1	X							6/21/24		X	X	X
	SW98	C 1	1	X							6/21/24		X	X	X
	SW99	C 1	1	X							6/21/24		X	X	X

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Relinquished By: [Signature] Date: 6/24/24 Time: 8:50
 Received By: [Signature] Date: [blank] Time: [blank]
 Sample Condition: Cool Intact
 Checked By: [Signature]

Delivered By: (Circle One) 1-7c #1470
 Sampler - UPS - Bus - Other: [blank]
 REMARKS: Email results to: pm@hungry-horse.com gboans@idmll.com

Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry/Horse LLC		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas					
Address: 4024 Plains Hwy		Attn: Greg Boans					
City: Lovington	State: NM	Zip: 88260	Address: 5325 Sierra Vista				
Phone #: 575 393-3386	Fax #:	City: Carlsbad					
Project #:	Project Owner: Murchison Oil & Gas	State: NM	Zip: 88230				
Project Name: Grizzly Bear State Com #2H	Project Location: U/L I Sec 1 T17S - R28E	Phone #: 575 706-0667					
Sampler Name: Jerry Heidelberg	Fax #:						

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
H413717	SW100	C	1	X							6/21/24		X	X	X
	SW101	C	1	X							6/21/24		X	X	X
	SW102	C	1	X							6/21/24		X	X	X
	SW103	C	1	X							6/21/24		X	X	X
	SW104	C	1	X							6/21/24		X	X	X
	SW105	C	1	X							6/21/24		X	X	X

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Relinquished By: <i>[Signature]</i>	Date: 6/21/24	Time: 8:30	Received By: <i>[Signature]</i>
Delivered By: (Circle One) <i>17c</i>	Sample Condition: <input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact	Checked By: <i>[Signature]</i>	
Sampler - UPS - Bus - Other: <i>#140</i>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

REMARKS:

Phone Result: Yes No Add'l Phone #:

Fax Result: Yes No Add'l Fax #:

Email results to: pm@hungry-horse.com
 gboans@jdmil.com



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

July 29, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: GRIZZLY BEAR STATE COM #2H

Enclosed are the results of analyses for samples received by the laboratory on 07/25/24 13:25.

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/25/2024	Sampling Date:	07/24/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: TOPSOIL (H244441-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/26/2024	ND	1.95	97.3	2.00	4.07	
Toluene*	<0.050	0.050	07/26/2024	ND	1.92	96.2	2.00	3.72	
Ethylbenzene*	<0.050	0.050	07/26/2024	ND	1.96	97.9	2.00	2.94	
Total Xylenes*	<0.150	0.150	07/26/2024	ND	5.80	96.7	6.00	2.31	
Total BTEX	<0.300	0.300	07/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/26/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2024	ND	195	97.7	200	0.931	
DRO >C10-C28*	<10.0	10.0	07/26/2024	ND	184	91.8	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	07/26/2024	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/25/2024	Sampling Date:	07/24/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: CALICHE (H244441-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/26/2024	ND	1.95	97.3	2.00	4.07	
Toluene*	<0.050	0.050	07/26/2024	ND	1.92	96.2	2.00	3.72	
Ethylbenzene*	<0.050	0.050	07/26/2024	ND	1.96	97.9	2.00	2.94	
Total Xylenes*	<0.150	0.150	07/26/2024	ND	5.80	96.7	6.00	2.31	
Total BTEX	<0.300	0.300	07/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/26/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2024	ND	195	97.7	200	0.931	
DRO >C10-C28*	<10.0	10.0	07/26/2024	ND	184	91.8	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	07/26/2024	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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

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Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #:
 Project #: Project Owner: Murchison Oil & Gas
 Project Name: Grizzly Bear State Com #2H
 Project Location: U/L 1 Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg
 P.O. #:
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0667
 Fax #:
BILL TO **ANALYSIS REQUEST**

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.	SAMPLING	DATE	TIME	Chloride	TPH	BTEX 802 ¹
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE							
H24441	1	C	1	X	X	X						7/24/24		X	X	X	
	2	C	1	X								7/24/24		X	X	X	

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Relinquished By: *[Signature]* Date: 7-25-24 Received By: *[Signature]*
 Relinquished By: *[Signature]* Date: 7-25-24 Received By: *[Signature]*
 Delivered By: (Circle One) UPS Bus Other: *8.1c* #140
 Sample Condition: Intact Broken
 Cool: Yes No
 Checked By: *[Signature]* (Initials) *[Signature]*
 REMARKS: 48 hr RUSHI
 Email results to: pm@hungry-horse.com gboans@idmii.com

+ Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

July 30, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: GRIZZLY BEAR STATE COM #2H

Enclosed are the results of analyses for samples received by the laboratory on 07/26/24 15:53.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" at the beginning.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 80 B (H244484-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	1.94	97.2	2.00	3.74	
Toluene*	<0.050	0.050	07/29/2024	ND	1.91	95.6	2.00	2.91	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	1.94	96.9	2.00	2.11	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	5.72	95.4	6.00	1.81	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	07/29/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	203	102	200	5.54	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	199	99.4	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 82 B (H244484-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	1.94	97.2	2.00	3.74	
Toluene*	<0.050	0.050	07/29/2024	ND	1.91	95.6	2.00	2.91	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	1.94	96.9	2.00	2.11	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	5.72	95.4	6.00	1.81	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	07/29/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	203	102	200	5.54	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	199	99.4	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 83 B (H244484-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	1.94	97.2	2.00	3.74	
Toluene*	<0.050	0.050	07/29/2024	ND	1.91	95.6	2.00	2.91	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	1.94	96.9	2.00	2.11	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	5.72	95.4	6.00	1.81	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2960	16.0	07/29/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	203	102	200	5.54	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	199	99.4	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 84 B (H244484-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	1.94	97.2	2.00	3.74	
Toluene*	<0.050	0.050	07/29/2024	ND	1.91	95.6	2.00	2.91	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	1.94	96.9	2.00	2.11	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	5.72	95.4	6.00	1.81	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3240	16.0	07/29/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	203	102	200	5.54	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	199	99.4	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 87 B (H244484-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	1.94	97.2	2.00	3.74	
Toluene*	<0.050	0.050	07/29/2024	ND	1.91	95.6	2.00	2.91	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	1.94	96.9	2.00	2.11	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	5.72	95.4	6.00	1.81	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2760	16.0	07/29/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	203	102	200	5.54	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	199	99.4	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 89 B (H244484-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	1.94	97.2	2.00	3.74	
Toluene*	<0.050	0.050	07/29/2024	ND	1.91	95.6	2.00	2.91	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	1.94	96.9	2.00	2.11	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	5.72	95.4	6.00	1.81	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1390	16.0	07/29/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	203	102	200	5.54	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	199	99.4	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 90 B (H244484-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	1.94	97.2	2.00	3.74	
Toluene*	<0.050	0.050	07/29/2024	ND	1.91	95.6	2.00	2.91	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	1.94	96.9	2.00	2.11	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	5.72	95.4	6.00	1.81	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	07/29/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	203	102	200	5.54	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	199	99.4	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 93 B (H244484-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	1.94	97.2	2.00	3.74	
Toluene*	<0.050	0.050	07/29/2024	ND	1.91	95.6	2.00	2.91	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	1.94	96.9	2.00	2.11	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	5.72	95.4	6.00	1.81	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	07/29/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	203	102	200	5.54	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	199	99.4	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 95 B (H244484-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	1.94	97.2	2.00	3.74	
Toluene*	<0.050	0.050	07/29/2024	ND	1.91	95.6	2.00	2.91	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	1.94	96.9	2.00	2.11	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	5.72	95.4	6.00	1.81	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/29/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	203	102	200	5.54	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	199	99.4	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 96 B (H244484-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	1.94	97.2	2.00	3.74	
Toluene*	<0.050	0.050	07/29/2024	ND	1.91	95.6	2.00	2.91	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	1.94	96.9	2.00	2.11	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	5.72	95.4	6.00	1.81	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	07/29/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	203	102	200	5.54	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	199	99.4	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 99 B (H244484-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	1.94	97.2	2.00	3.74	
Toluene*	<0.050	0.050	07/29/2024	ND	1.91	95.6	2.00	2.91	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	1.94	96.9	2.00	2.11	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	5.72	95.4	6.00	1.81	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	07/29/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	203	102	200	5.54	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	199	99.4	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 100 B (H244484-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	1.94	97.2	2.00	3.74	
Toluene*	<0.050	0.050	07/29/2024	ND	1.91	95.6	2.00	2.91	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	1.94	96.9	2.00	2.11	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	5.72	95.4	6.00	1.81	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	07/29/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	203	102	200	5.54	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	199	99.4	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 102 B (H244484-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	1.94	97.2	2.00	3.74	
Toluene*	<0.050	0.050	07/29/2024	ND	1.91	95.6	2.00	2.91	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	1.94	96.9	2.00	2.11	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	5.72	95.4	6.00	1.81	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3520	16.0	07/29/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	203	102	200	5.54	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	199	99.4	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 125 B (H244484-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	1.94	97.2	2.00	3.74	
Toluene*	<0.050	0.050	07/29/2024	ND	1.91	95.6	2.00	2.91	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	1.94	96.9	2.00	2.11	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	5.72	95.4	6.00	1.81	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	07/29/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	203	102	200	5.54	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	199	99.4	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 126 B (H244484-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	1.94	97.2	2.00	3.74	
Toluene*	<0.050	0.050	07/29/2024	ND	1.91	95.6	2.00	2.91	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	1.94	96.9	2.00	2.11	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	5.72	95.4	6.00	1.81	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/29/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	203	102	200	5.54	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	199	99.4	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 137 B (H244484-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	1.94	97.2	2.00	3.74	
Toluene*	<0.050	0.050	07/29/2024	ND	1.91	95.6	2.00	2.91	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	1.94	96.9	2.00	2.11	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	5.72	95.4	6.00	1.81	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	07/29/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	203	102	200	5.54	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	199	99.4	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 141 B (H244484-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	1.94	97.2	2.00	3.74	
Toluene*	<0.050	0.050	07/29/2024	ND	1.91	95.6	2.00	2.91	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	1.94	96.9	2.00	2.11	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	5.72	95.4	6.00	1.81	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	07/29/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	203	102	200	5.54	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	199	99.4	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 145 B (H244484-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	1.94	97.2	2.00	3.74	
Toluene*	<0.050	0.050	07/29/2024	ND	1.91	95.6	2.00	2.91	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	1.94	96.9	2.00	2.11	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	5.72	95.4	6.00	1.81	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	07/29/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	203	102	200	5.54	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	199	99.4	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 149 B (H244484-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	1.94	97.2	2.00	3.74	
Toluene*	<0.050	0.050	07/29/2024	ND	1.91	95.6	2.00	2.91	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	1.94	96.9	2.00	2.11	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	5.72	95.4	6.00	1.81	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5440	16.0	07/29/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	197	98.4	200	7.01	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	169	84.7	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 185 B (H244484-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	1.94	97.2	2.00	3.74	
Toluene*	<0.050	0.050	07/29/2024	ND	1.91	95.6	2.00	2.91	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	1.94	96.9	2.00	2.11	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	5.72	95.4	6.00	1.81	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3320	16.0	07/29/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	197	98.4	200	7.01	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	169	84.7	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 191 B (H244484-21)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	2.13	107	2.00	0.149	
Toluene*	<0.050	0.050	07/29/2024	ND	2.22	111	2.00	0.483	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	2.30	115	2.00	0.280	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	7.02	117	6.00	0.218	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	07/29/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	197	98.4	200	7.01	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	169	84.7	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 215 B (H244484-22)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	2.13	107	2.00	0.149	
Toluene*	<0.050	0.050	07/29/2024	ND	2.22	111	2.00	0.483	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	2.30	115	2.00	0.280	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	7.02	117	6.00	0.218	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5040	16.0	07/29/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	197	98.4	200	7.01	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	169	84.7	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: FL 221 B (H244484-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	2.13	107	2.00	0.149	
Toluene*	<0.050	0.050	07/29/2024	ND	2.22	111	2.00	0.483	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	2.30	115	2.00	0.280	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	7.02	117	6.00	0.218	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5120	16.0	07/29/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	197	98.4	200	7.01	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	169	84.7	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 16 B (H244484-24)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	2.13	107	2.00	0.149	
Toluene*	<0.050	0.050	07/29/2024	ND	2.22	111	2.00	0.483	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	2.30	115	2.00	0.280	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	7.02	117	6.00	0.218	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	07/29/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	197	98.4	200	7.01	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	169	84.7	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 74.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 32 B (H244484-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	2.13	107	2.00	0.149	
Toluene*	<0.050	0.050	07/29/2024	ND	2.22	111	2.00	0.483	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	2.30	115	2.00	0.280	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	7.02	117	6.00	0.218	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/29/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	197	98.4	200	7.01	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	169	84.7	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 34 B (H244484-26)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	2.13	107	2.00	0.149	
Toluene*	<0.050	0.050	07/29/2024	ND	2.22	111	2.00	0.483	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	2.30	115	2.00	0.280	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	7.02	117	6.00	0.218	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/29/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	197	98.4	200	7.01	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	169	84.7	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 68.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 36 B (H244484-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	2.13	107	2.00	0.149	
Toluene*	<0.050	0.050	07/29/2024	ND	2.22	111	2.00	0.483	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	2.30	115	2.00	0.280	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	7.02	117	6.00	0.218	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	07/29/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	197	98.4	200	7.01	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	169	84.7	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 76.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 63 B (H244484-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	2.13	107	2.00	0.149	
Toluene*	<0.050	0.050	07/29/2024	ND	2.22	111	2.00	0.483	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	2.30	115	2.00	0.280	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	7.02	117	6.00	0.218	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/29/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	197	98.4	200	7.01	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	169	84.7	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 63.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.4 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 64 B (H244484-29)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	2.13	107	2.00	0.149	
Toluene*	<0.050	0.050	07/29/2024	ND	2.22	111	2.00	0.483	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	2.30	115	2.00	0.280	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	7.02	117	6.00	0.218	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/29/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	197	98.4	200	7.01	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	169	84.7	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 65 B (H244484-30)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	2.13	107	2.00	0.149	
Toluene*	<0.050	0.050	07/29/2024	ND	2.22	111	2.00	0.483	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	2.30	115	2.00	0.280	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	7.02	117	6.00	0.218	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/29/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	197	98.4	200	7.01	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	169	84.7	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 66 B (H244484-31)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	2.13	107	2.00	0.149	
Toluene*	<0.050	0.050	07/29/2024	ND	2.22	111	2.00	0.483	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	2.30	115	2.00	0.280	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	7.02	117	6.00	0.218	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/29/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	197	98.4	200	7.01	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	169	84.7	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 79.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 73 B (H244484-32)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	2.13	107	2.00	0.149	
Toluene*	<0.050	0.050	07/29/2024	ND	2.22	111	2.00	0.483	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	2.30	115	2.00	0.280	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	7.02	117	6.00	0.218	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	07/29/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2024	ND	197	98.4	200	7.01	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	169	84.7	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 74 B (H244484-33)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	2.13	107	2.00	0.149	
Toluene*	<0.050	0.050	07/29/2024	ND	2.22	111	2.00	0.483	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	2.30	115	2.00	0.280	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	7.02	117	6.00	0.218	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/29/2024	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	07/29/2024	ND	197	98.4	200	7.01	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	169	84.7	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 75 B (H244484-34)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	2.13	107	2.00	0.149	
Toluene*	<0.050	0.050	07/29/2024	ND	2.22	111	2.00	0.483	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	2.30	115	2.00	0.280	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	7.02	117	6.00	0.218	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/29/2024	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	07/29/2024	ND	197	98.4	200	7.01	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	169	84.7	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 71.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 100 B (H244484-35)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	2.13	107	2.00	0.149	
Toluene*	<0.050	0.050	07/29/2024	ND	2.22	111	2.00	0.483	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	2.30	115	2.00	0.280	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	7.02	117	6.00	0.218	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/29/2024	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	07/29/2024	ND	197	98.4	200	7.01	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	169	84.7	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 101 B (H244484-36)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	2.13	107	2.00	0.149	
Toluene*	<0.050	0.050	07/29/2024	ND	2.22	111	2.00	0.483	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	2.30	115	2.00	0.280	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	7.02	117	6.00	0.218	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/29/2024	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	07/29/2024	ND	197	98.4	200	7.01	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	169	84.7	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 104 B (H244484-37)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	2.13	107	2.00	0.149	
Toluene*	<0.050	0.050	07/29/2024	ND	2.22	111	2.00	0.483	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	2.30	115	2.00	0.280	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	7.02	117	6.00	0.218	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/29/2024	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	07/29/2024	ND	197	98.4	200	7.01	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	169	84.7	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 105 B (H244484-38)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	2.13	107	2.00	0.149	
Toluene*	<0.050	0.050	07/29/2024	ND	2.22	111	2.00	0.483	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	2.30	115	2.00	0.280	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	7.02	117	6.00	0.218	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/29/2024	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	07/29/2024	ND	197	98.4	200	7.01	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	169	84.7	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: RC 1 (H244484-39)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	2.13	107	2.00	0.149	
Toluene*	<0.050	0.050	07/29/2024	ND	2.22	111	2.00	0.483	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	2.30	115	2.00	0.280	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	7.02	117	6.00	0.218	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4360	16.0	07/29/2024	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	07/29/2024	ND	205	102	200	0.695	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	186	93.2	200	3.09	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: RC 2 (H244484-40)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	2.13	107	2.00	0.149	
Toluene*	<0.050	0.050	07/29/2024	ND	2.22	111	2.00	0.483	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	2.30	115	2.00	0.280	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	7.02	117	6.00	0.218	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3840	16.0	07/29/2024	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	07/29/2024	ND	205	102	200	0.695	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	186	93.2	200	3.09	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: BF 1 (H244484-41)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	1.96	98.1	2.00	2.95	
Toluene*	<0.050	0.050	07/29/2024	ND	1.89	94.5	2.00	3.27	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	1.98	99.1	2.00	3.41	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	5.81	96.9	6.00	3.37	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/29/2024	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	07/29/2024	ND	205	102	200	0.695	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	186	93.2	200	3.09	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 63.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 60.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	07/26/2024	Sampling Date:	07/26/2024
Reported:	07/30/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: BF 2 (H244484-42)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2024	ND	1.96	98.1	2.00	2.95	
Toluene*	<0.050	0.050	07/29/2024	ND	1.89	94.5	2.00	3.27	
Ethylbenzene*	<0.050	0.050	07/29/2024	ND	1.98	99.1	2.00	3.41	
Total Xylenes*	<0.150	0.150	07/29/2024	ND	5.81	96.9	6.00	3.37	
Total BTEX	<0.300	0.300	07/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/29/2024	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	07/29/2024	ND	205	102	200	0.695	
DRO >C10-C28*	<10.0	10.0	07/29/2024	ND	186	93.2	200	3.09	
EXT DRO >C28-C36	<10.0	10.0	07/29/2024	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.2 % 49.1-148

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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington
 Phone #: 575 393-3386
 Project #: [blank]
 Project Name: Grizzly Bear State Com #2H
 Project Location: U/I Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg

P.O. #: [blank]
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0667
 Fax #: [blank]

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
1	FL80b	C	1	X						7/26/24		X	X	X
2	FL82b	C	1	X						7/26/24		X	X	X
3	FL83b	C	1	X						7/26/24		X	X	X
4	FL84b	C	1	X						7/26/24		X	X	X
5	FL87b	C	1	X						7/26/24		X	X	X
6	FL89b	C	1	X						7/26/24		X	X	X
7	FL90b	C	1	X						7/26/24		X	X	X
8	FL93b	C	1	X						7/26/24		X	X	X
9	FL95b	C	1	X						7/26/24		X	X	X
10	FL96b	C	1	X						7/26/24		X	X	X

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: [Signature] Date: 7/26/24
 Received By: [Signature] Date: 7/26/24
 Time: 1553

Delivered By: (Circle One) 39c
 Sampler - UPS - Bus - Other: #140
 Sample Condition: Cool Intact
 Yes No

REMARKS: 48 hr RUSHI
 Email results to: pm@hungry-horse.com
 gboans@jdmii.com

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #:
 Project #:
 Project Name: Grizzly Bear State Com #2H
 Project Location: U/L1 Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg

BILL TO
 P.O. #:
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0667
 Fax #:
ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
11	FL99b	C	1	X						7/26/24		X	X	X
12	FL100b	C	1	X						7/26/24		X	X	X
13	FL102b	C	1	X						7/26/24		X	X	X
14	FL125b	C	1	X						7/26/24		X	X	X
15	FL126b	C	1	X						7/26/24		X	X	X
16	FL137b	C	1	X						7/26/24		X	X	X
17	FL141b	C	1	X						7/26/24		X	X	X
18	FL145b	C	1	X						7/26/24		X	X	X
19	FL149b	C	1	X						7/26/24		X	X	X
20	FL185b	C	1	X						7/26/24		X	X	X

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Relinquished By: *[Signature]* Date: 7/26/24
 Received By: *[Signature]* Date: 7/26/24
 Reminiscenced By: *[Signature]* Date: 7/26/24
 Received By: *[Signature]* Date: 7/26/24

Delivered By: (Circle One) *BQC*
 Sampler - UPS - Bus - Other: *PLD*
 Sample Condition: Cool Intact Yes No
 Checked By: *AB*

REMARKS: 48 hr RUSHI
 Email results to: pm@hungry-horse.com
 gboans@jdmil.com



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #:
 Project #:
 Project Owner: Murchison Oil & Gas
 Project Name: Grizzly Bear State Com #2H
 Project Location: U/L1 Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg

BILL TO
 P.O. #:
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 706-0667
 Fax #:
ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER					
21	FL191b	C	1	X						7/26/24	X	X	X	
22	FL215b	C	1	X						7/26/24	X	X	X	
23	FL221b	C	1	X						7/26/24	X	X	X	
24	SW16b	C	1	X						7/26/24	X	X	X	
25	SW32b	C	1	X						7/26/24	X	X	X	
26	SW34b	C	1	X						7/26/24	X	X	X	
27	SW36b	C	1	X						7/26/24	X	X	X	
28	SW63b	C	1	X						7/26/24	X	X	X	
29	SW64b	C	1	X						7/26/24	X	X	X	
80	SW65b	C	1	X						7/26/24	X	X	X	

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Relinquished By: *[Signature]* Date: 7/26/24
 Received By: *[Signature]* Date: 7/26/24
 Relinquished By: *[Signature]* Date: 7/26/24
 Received By: *[Signature]* Date: 7/26/24

Delivered By: (Circle One) **B.O.C.**
 Sampler - UPS - Bus - Other: **#114D**
 Sample Condition: Cool Intact Yes No
 CHECKED BY: *[Signature]*

REMARKS: **48 hr RUSH!**
 Email results to: pm@hungry-horse.com
 gboans@jdmil.com
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #: [blank]
 Project #: [blank] Project Owner: Murchison Oil & Gas
 Project Name: Grizzly Bear State Com #2H
 Project Location: U/L1 Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg
 P.O. #: [blank] Company: Murchison Oil & Gas
 Attn: Greg Boans Address: 5325 Sierra Vista
 City: Carlsbad State: NM Zip: 88230
 Phone #: 575 706-0667 Fax #: [blank]

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER					
H24484	SW66b	C 1	X							7/26/24		X	X	X
	SW73b	C 1	X							7/26/24		X	X	X
	SW74b	C 1	X							7/26/24		X	X	X
	SW75b	C 1	X							7/26/24		X	X	X
	SW100b	C 1	X							7/26/24		X	X	X
	SW101b	C 1	X							7/26/24		X	X	X
	SW104b	C 1	X							7/26/24		X	X	X
	SW105b	C 1	X							7/26/24		X	X	X

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Relinquished By: *[Signature]* Date: 7-20-24
 Relinquished By: *[Signature]* Date: 7-5-23
 Received By: *[Signature]*

Delivered By: (Circle One) *3.9c*
 Sampler - UPS - Bus - Other: *440*
 Sample Condition: Cool Intact
 Checked By: *[Signature]*

REMARKS: 48 hr RUSH!
 Email results to: pm@hungry-horse.com
 gboans@jdmil.com



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #: [blank]
 Project #: [blank] Project Owner: Murchison Oil & Gas
 Project Name: Grizzly Bear State Com #2H
 Project Location: U/L I Sec 1 T17S - R28E
 Sampler Name: Jerry Heidelberg
 P.O. #: [blank] Company: Murchison Oil & Gas
 Attn: Greg Boans Address: 5325 Sierra Vista
 City: Carlsbad State: NM Zip: 88230
 Phone #: 575 706-0667 Fax #: [blank]

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE					
H24484															
39	RC1	C	1			X					7/26/24		X	X	X
UD	RC2	C	1			X					7/26/24		X	X	X

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Reinquinshed By: [Signature] Date: 7-26-24
 Received By: [Signature] Date: 7-26-24
 Reminquishe By: [Signature] Date: 7-26-24
 Received By: [Signature] Date: 7-26-24

Delivered By: (Circle One) 39c
 Sampler - UPS - Bus - Other: #1UD
 Sample Condition: Cool Intact
 Checked By: [Signature]

Phone Result: Yes No Add'l Phone #: [blank]
 Fax Result: Yes No Add'l Fax #: [blank]
 REMARKS: 48 hr RUSH!
 Email results to: pm@hungry-horse.com
 gboans@jdmii.com

* Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #:
 Project #:
 Project Name: Grizzly Bear State Com #2H
 Project Location: U/L I Sec 1 T17S - R29E
 Sampler Name: Jerry Heidelberg
 P.O. #:
 Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad
 State: NM Zip: 88230
 Phone #: 575 705-0667
 Fax #:

BILL TO
ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE					
41	BF1	C	1			X					7/26/24		X	X	X
42	BF2	C	1			X					7/26/24		X	X	X

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Relinquished By: *[Signature]* Date: 7/20/24
 Received By: *[Signature]* Date: 7/26/24
 Relinquished By: *[Signature]* Date: 7/26/24
 Received By: *[Signature]* Date: 7/26/24

Delivered By: (Circle One) **B.9. v**
 Sampler - UPS - Bus - Other: **140**
 Sample Condition: Cool Intact Yes No
 CHECKED BY: *[Signature]*
 REMARKS: Email results to: pm@hungry-horse.com
 gboans@jdmii.com
 48 hr RUSH!



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 06, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: GRIZZLY BEAR STATE COM #2H

Enclosed are the results of analyses for samples received by the laboratory on 08/02/24 16:34.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	08/02/2024	Sampling Date:	08/02/2024
Reported:	08/06/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 59 B (H244670-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2024	ND	2.18	109	2.00	7.37	
Toluene*	<0.050	0.050	08/05/2024	ND	2.23	111	2.00	6.67	
Ethylbenzene*	<0.050	0.050	08/05/2024	ND	2.27	114	2.00	6.57	
Total Xylenes*	<0.150	0.150	08/05/2024	ND	6.96	116	6.00	6.36	
Total BTEX	<0.300	0.300	08/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	08/06/2024	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	08/05/2024	ND	225	112	200	6.06	
DRO >C10-C28*	<10.0	10.0	08/05/2024	ND	229	114	200	15.1	
EXT DRO >C28-C36	<10.0	10.0	08/05/2024	ND					

Surrogate: 1-Chlorooctane 69.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	08/02/2024	Sampling Date:	08/02/2024
Reported:	08/06/2024	Sampling Type:	Soil
Project Name:	GRIZZLY BEAR STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ I SEC 1 T17S - R28E		

Sample ID: SW 60 B (H244670-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2024	ND	2.18	109	2.00	7.37	
Toluene*	<0.050	0.050	08/05/2024	ND	2.23	111	2.00	6.67	
Ethylbenzene*	<0.050	0.050	08/05/2024	ND	2.27	114	2.00	6.57	
Total Xylenes*	<0.150	0.150	08/05/2024	ND	6.96	116	6.00	6.36	
Total BTEX	<0.300	0.300	08/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	08/06/2024	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	08/05/2024	ND	225	112	200	6.06	
DRO >C10-C28*	<10.0	10.0	08/05/2024	ND	229	114	200	15.1	
EXT DRO >C28-C36	<10.0	10.0	08/05/2024	ND					

Surrogate: 1-Chlorooctane 73.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: 4024 Plains Hwy
 City: Lovington State: NM Zip: 88260
 Phone #: 575 393-3386 Fax #: [blank]
 Project #: [blank] Project Owner: Murchison Oil & Gas
 Project Name: Grizzly Bear State Com #2H
 Project Location: UL / Sec 1 T17S - R28E
 Sampler Name: Hector Luna
 P.O. #: [blank] Company: Murchison Oil & Gas
 Attn: Greg Boans
 Address: 5325 Sierra Vista
 City: Carlsbad State: NM Zip: 88230
 Phone #: 575 706-0867 Fax #: [blank]

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS REQUEST				
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE			ICE / COOL	OTHER :	Yes	No	Add'l Phone #:
1444070	SW59b	C	1	X							8/2/24	8:30	X	X			
2	SW60b	C	1	X							8/2/24	8:35	X	X			

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors, arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: [Signature] Date: 8/2/24 Received By: [Signature] Spodrigney
 Time: 10:34
 Date: [blank] Received By: [blank]
 Time: [blank]
 Delivered By: (Circle One) -09:00-UPS - Bus - Other: -1.5: #140
 Sample Condition: Cool Intact Yes No
 CHECKED BY: [Signature] (Initials)
 REMARKS: 48 hr RUSHI
 Email results to: pm@hungry-horse.com gboans@idmii.com

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

Attachment VII
NMSLO Loamy Sites Seed Mixture

NMSLO Seed Mix

Loamy (L)

LOAMY (L) SITES SEED MIXTURE:

COMMON NAME	VARIETY	APPLICATION RATE (PLS/Acre)	DRILL BOX
Grasses:			
Black grama	VNS, Southern	1.0	D
Blue grama	Lovington	1.0	D
Sideoats grama	Vaughn, El Reno	4.0	F
Sand dropseed	VNS, Southern	2.0	S
Alkali sacaton	VNS, Southern	1.0	
Little bluestem	Cimarron, Pastura	1.5	F
Forbs:			
Firewheel (<i>Gaillardia</i>)	VNS, Southern	1.0	D
Shrubs:			
Fourwing saltbush	Marana, Santa Rita	1.0	D
Common winterfat	VNS, Southern	0.5	F
Total PLS/acre		18.0	

S = Small seed drill box, D = Standard seed drill box, F = Fluffy seed drill box

VNS = Variety Not Stated, PLS = Pure Live Seed

- Seed mixes should be provided in bags separating seed types into the three categories: small (S), standard (D) and fluffy (F).
- VNS, Southern – Seed should be from a southern latitude collection of this species.
- Double seed application rate for broadcast or hydroseeding.
- If one species is not available, contact the SLO for an approved substitute; alternatively the SLO may require other species proportionately increased.
- Additional information on these seed species can be found on the USDA Plants Database website at <http://plants.usda.gov>.



Attachment VIII
R360 Halfway Facility C-138

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

*Surface Waste Management Facility Operator
and Generator shall maintain and make this
documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. Generator Name and Address: Murchison Oil & Gas 5325 Sierra Vista, Carlsbad, NM 88230
2. Originating Site: Grizzly Bear State Com #2H
3. Location of Material (Street Address, City, State or ULSTR): I, 1, 17S, 28E
4. Source and Description of Waste: Waste soil from remediation operations
Estimated Volume <u>16,000</u> yd ³ / bbls Known Volume (to be entered by the operator at the end of the haul) <u>21,603</u> yd ³ / bbls
5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS I, <u>Greg Boans</u> , representative or authorized agent for <u>Murchison Oil & Gas</u> do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification) <input checked="" type="checkbox"/> RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. <i>Operator Use Only: Waste Acceptance Frequency</i> <input type="checkbox"/> Monthly <input type="checkbox"/> Weekly <input type="checkbox"/> Per Load <input type="checkbox"/> RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items) <input type="checkbox"/> MSDS Information <input type="checkbox"/> RCRA Hazardous Waste Analysis <input type="checkbox"/> Process Knowledge <input type="checkbox"/> Other (Provide description in Box 4)
GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS I, _____, representative for _____ do hereby certify that representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.
5. Transporter: Hungry Horse, LLC

OCD Permitted Surface Waste Management Facility

Name and Facility Permit #: R360 Halfway Facility Permit #: NM1-006

Address of Facility: 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Method of Treatment and/or Disposal:

- Evaporation Injection Treating Plant Landfarm Landfill Other

Waste Acceptance Status:

APPROVED

DENIED (Must Be Maintained As Permanent Record)

PRINT NAME: Les Elliott

TITLE: Permian Sales Manager

DATE: 9/4/2024

SIGNATURE: Les Elliott
Surface Waste Management Facility Authorized Agent

TELEPHONE NO.: 575-602-8596

From: [Cindy Cottrell](#)
To: [Hall, Brittany, EMNRD](#)
Subject: RE: [EXTERNAL] FW: NAPP2335450194 . Murchison Oil and Gas, LLC - GRIZZLY BEAR STATE COM 2H. Remediation and Reclamation Approved.
Date: Monday, September 9, 2024 9:35:34 AM
Attachments: [image001.png](#)
[image002.png](#)
[image004.png](#)

Yes! Thanks so much!

From: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Sent: Monday, September 9, 2024 10:34 AM
To: Cindy Cottrell <ccottrell@jdmii.com>
Subject: RE: [EXTERNAL] FW: NAPP2335450194 . Murchison Oil and Gas, LLC - GRIZZLY BEAR STATE COM 2H. Remediation and Reclamation Approved.

Thanks Cindy.

I should get the report reviewed today. Would you like me to include a copy of SLO's approval with the report that way it is documented in OCD's records?

Thank you,

Brittany Hall ● Environmental Specialist
Environmental Bureau Projects Group
EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87110
505.517.5333 | Brittany.Hall@emnrd.nm.gov
<http://www.emnrd.nm.gov/ocd/>

Please be advised that the new Digital C-141 is live as of December 1, 2023. Please review the new Digital C-141 submission Dec 1, 2023 Guidance document posted on the EMNRD Website prior to submitting any C-141s. The guidance documents can be found at <https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/> or <https://www.emnrd.nm.gov/ocd/ocd-forms/>.

From: Cindy Cottrell <ccottrell@jdmii.com>
Sent: Monday, September 9, 2024 9:27 AM
To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Subject: [EXTERNAL] FW: NAPP2335450194 . Murchison Oil and Gas, LLC - GRIZZLY BEAR STATE COM 2H. Remediation and Reclamation Approved.

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Hi,

Just letting you know that we received approval from SLO.

From: David, Deon W. <ddavid@nmslo.gov>
Sent: Friday, September 6, 2024 12:48 PM
To: Cindy Cottrell <ccottrell@jdmii.com>
Cc: SLO Surface ECO <SLOSurfaceECO@slo.state.nm.us>; Biernoff, Ari <abiernoff@slo.state.nm.us>; Heltman, Elaine G. <eheltman@slo.state.nm.us>
Subject: NAPP2335450194 . Murchison Oil and Gas, LLC - GRIZZLY BEAR STATE COM 2H. Remediation and Reclamation Approved.

Documentation of a spill/release was received from your office on 09/06/2024, regarding the subject incident. The NMSLO Environmental Compliance Office (ECO) has reviewed the records submitted regarding the subject remediation and reclamation efforts, and based on the information provided, ECO has determined that additional work is not required regarding the subject release. However, ECO does reserve the right to require additional work should information become available which indicates that a threat to the environment or public health exists.

Please continue to monitor and treat the reclamation for unauthorized traffic and invasive or noxious weeds. Monitor the reclamation area for uniform vegetative cover. When you have determined that vegetation has been established that reflects pre-disturbance vegetation cover with a total percent plant cover of greater than 70% of pre-disturbance area levels, excluding invasive or noxious weeds, submit a Reclamation Closure Report Request to eco@nmslo.gov.

<http://www.nmstatelands.org/> style='position:absolute;margin-left:256.5pt;margin-top:2.9pt;width:86.9pt;height:85.1pt;z-index:-251658240;visibility:visible;mso-wrap-style:square;mso-width-percent:0;mso-height-percent:0;mso-wrap-distance-left:9pt;mso-wrap-distance-top:0;mso-wrap-distance-right:9pt;mso-wrap-distance-bottom:0;mso-position-horizontal:absolute;mso-position-horizontal-relative:text;mso-position-vertical:absolute;mso-position-vertical-relative:text;mso-width-percent:0;mso-height-percent:0;mso-width-relative:page;mso-height-relative:page' o:button="t"> **Environmental Compliance Office**
 Surface Resources Division
eco@nmslo.gov
[nmstatelands.org](http://www.nmstatelands.org)

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 380715

QUESTIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 380715
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2335450194
Incident Name	NAPP2335450194 GRIZZLY BEAR STATE COM 2H @ 30-015-40042
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received
Incident Well	[30-015-40042] GRIZZLY BEAR STATE COM #002H

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	GRIZZLY BEAR STATE COM 2H
Date Release Discovered	12/20/2023
Surface Owner	State

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Crude Oil Released: 6 BBL Recovered: 0 BBL Lost: 6 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 14 BBL Recovered: 0 BBL Lost: 14 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 380715

QUESTIONS (continued)

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 380715
	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	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	False
All free liquids and recoverable materials have been removed and managed appropriately	False
If all the actions described above have not been undertaken, explain why	No recoverable liquids on surface at time of discovery.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Cindy Cottrell Title: Regulatory Coordinator Email: ccottrell@jdmii.com Date: 09/04/2024
--	---

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QUESTIONS, Page 3

Action 380715

QUESTIONS (continued)

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 380715
	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 approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	Attached Document
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 500 and 1000 (ft.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
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
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	27000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	93344
GRO+DRO (EPA SW-846 Method 8015M)	74744
BTEX (EPA SW-846 Method 8021B or 8260B)	9.5
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1

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	05/06/2024
On what date will (or did) the final sampling or liner inspection occur	08/02/2024
On what date will (or was) the remediation complete(d)	08/26/2024
What is the estimated surface area (in square feet) that will be reclaimed	50200
What is the estimated volume (in cubic yards) that will be reclaimed	21603
What is the estimated surface area (in square feet) that will be remediated	50200
What is the estimated volume (in cubic yards) that will be remediated	21603

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 380715

QUESTIONS (continued)

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 380715
	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	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
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)	Yes
Other Non-listed Remedial Process. Please specify	Geosynthetic Clay liner installed

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Cindy Cottrell Title: Regulatory Coordinator Email: ccottrell@jdmii.com Date: 09/06/2024
--	---

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 380715

QUESTIONS (continued)

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 380715
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only

Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.

Requesting a deferral of the remediation closure due date with the approval of this submission	No
--	----

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QUESTIONS, Page 6

Action 380715

QUESTIONS (continued)

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 380715
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	368934
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/02/2024
What was the (estimated) number of samples that were to be gathered	2
What was the sampling surface area in square feet	400

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	50200
What was the total volume (cubic yards) remediated	21603
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	50200
What was the total volume (in cubic yards) reclaimed	21603
Summarize any additional remediation activities not included by answers (above)	Geosynthetic clay liner installed

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	Name: Cindy Cottrell Title: Regulatory Coordinator Email: ccottrell@jdmii.com Date: 09/06/2024
--	---

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QUESTIONS, Page 7

Action 380715

QUESTIONS (continued)

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 380715
	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	50200
What was the total volume of replacement material (in cubic yards) for this site	21603

Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.

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)	08/29/2024

Summarize any additional reclamation activities not included by answers (above)	Seeded at double the recommended rate and watered to aid in seed germination. Berms constructed to prevent ponding and erosion.
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The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Cindy Cottrell Title: Regulatory Coordinator Email: ccottrell@jdmii.com Date: 09/06/2024
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District I
 1625 N. French Dr., Hobbs, NM 88240
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District III
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District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 8

Action 380715

QUESTIONS (continued)

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 380715
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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CONDITIONS

Action 380715

CONDITIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 380715
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
bhall	Remediation closure request and reclamation report approved.	9/9/2024
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.	9/9/2024
bhall	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeded activities, inspections, and final pictures when revegetation is achieved.	9/9/2024