



Remediation Summary and Closure Request

FAE II Operating, LLC

EC Hill B #1

Lea County, New Mexico

Unit Letter "K", Section 27, Township 23 South, Range 37 East

Latitude 32.273569 North, Longitude 103.153075 West

NMOCD Incident # nAPP2336333754

Prepared For:

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September 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 K (NE/SW), Section 27, Township 23 South, Range 37 East, approximately eleven miles Northeast of Jal, in Lea County, New Mexico. The site is located on private 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 near an active tank battery; Latitude 32.273569 North, Longitude 103.153075 West. The NMOCD Notice of Release indicated that on December 22, 2023 approximately 35 bbls of produced water were released due to corrosion. Approximately 15 bbls of produced water were recovered. Submitted NMOCD Notice of Release is available on the NMOCD Imaging System.

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 an Erosional Karst designated area. Karst and Wetland Maps are provided as Attachment I. Depth to groundwater information is provided as Attachment V and the results are depicted on Figures 2 & 3.

No wells were located within a half mile of the release area, however, as the release occurred within an Erosional Karst designated area, the site was remediated according to the strictest NMOCD Closure Criteria. Utilizing this information, the NMOCD Closure Criteria for the Site were determined as follows:

Depth to Groundwater	Constituent	Method	Limit
<50'	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 remediation. Web Soil Survey indicates the area is located in the Simona fine sandy loam comprised of fine sandy loam soils with 0 to 3 percent slopes. A landowner approved seed mix will be used for the affected area off the production pad. Karst, Wetland, and Soil Maps are provided as Attachment I.



Delineation and Remediation Activities:

On March 11, 2024, Hungry Horse conducted an initial site assessment consisting of photographing and mapping the release area. On March 25, 2024, delineation sampling was conducted via hand auger. Surface samples were collected with a small hand-held shovel, cleaned off between collection of each sample. During sampling, hand augered test bores were advanced throughout the affected area in an effort to determine the vertical extent of contamination. These sample locations are identified by SP designation. In addition, hand augered sample bores were advanced along the outside edges of the affected area in an effort to determine the horizontal extent of contamination. These sample locations are identified by HZ designation. During the advancement of the hand augered sample bores, soil samples were collected from the surface and at one-foot intervals, field screened for the presence of chloride concentrations utilizing a Hach Quantab® chloride test kit until field screening indicated chloride contaminant concentrations were below NMOCD Closure Criteria.

Based on field observations and field test data noted above and provided in Attachment IV, twenty-six representative soil samples were selected for laboratory analysis. Delineation soil samples SP1 through SP8, and HZ1 through HZ5, 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 SP1 through SP8 at Surface, which exhibited TPH and/or chloride concentrations in excess of NMOCD Closure Criteria.

From May 21 – June 28, 2024, the release area was excavated to depths ranging from four to five feet bgs. Excavated contaminated soil was temporarily stockpiled onsite, within the release area, before transport to an NMOCD approved disposal facility.

On July 3, 2024, Hungry Horse LLC notified NMOCD that closure samples would be collected on July 9, 2024. Correspondence is provided as Attachment II.

On July 9, 2024, one hundred forty-eight five-point 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 FL120, and SW1 through SW28, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

The excavated area measured approximately twenty-three thousand eight hundred square feet. During remediation activities approximately 4,800 cubic yards of impacted soil were excavated and hauled to an NMOCD approved disposal facility.

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



Sampling Procedure and Identification:

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

Excavation sidewall samples SW1 through SW28 were collected as five-point composite samples collected from the sidewalls of the excavation, from the excavation surface to the excavation floor. Sidewall sample SW1 was collected from the interior sidewall where the excavation depth changed. Excavation Sidewall Sample Map, provided as Figure 6, depicts sidewall sample boundaries.

Restoration, Reclamation, and Re-Vegetation:

Based upon laboratory analytical results from confirmation soil samples, the excavated area was backfilled with locally sourced, clean, non-impacted soil. The area was contoured to achieve erosion control and preserve surface water flow. The affected area will be seeded with the land owner approved seed mix.

As a portion of 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 two-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 will be seeded, via hand broadcast at double the recommended rate, with a land owner approved seed mixture, free of noxious weeds, for the affected area off the production pad. The reclaimed areas will also be 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.

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, FAE II Operating, LLC respectfully requests closure of the EC Hill B #1 location, nAPP2336333754.

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:

FAE II Operating, LLC

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Houston, TX 77079

New Mexico Energy, Minerals and Natural Resources Department

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

DK Boyd

3317 Andrews Hwy
Midland, TX 79703

Figures

**Figure 1**

Topographic Map
FAE II Operating, LLC
EC Hill B #1
GPS: 32.273569, -103.153075
Lea County

Legend:

● EC Hill B #1 Location

Drafted: dd
Checked: bw
Date: 3/22/24





1-9-028

Figure 2

OSE POD Locations Map
FAE II Operating, LLC
EC Hill B #1
GPS: 32.273569, -103.153075
Lea County

Legend:

● EC Hill B #1 Location

Drafted: dd
Checked: bw
Date: 3/22/24



**Figure 3**

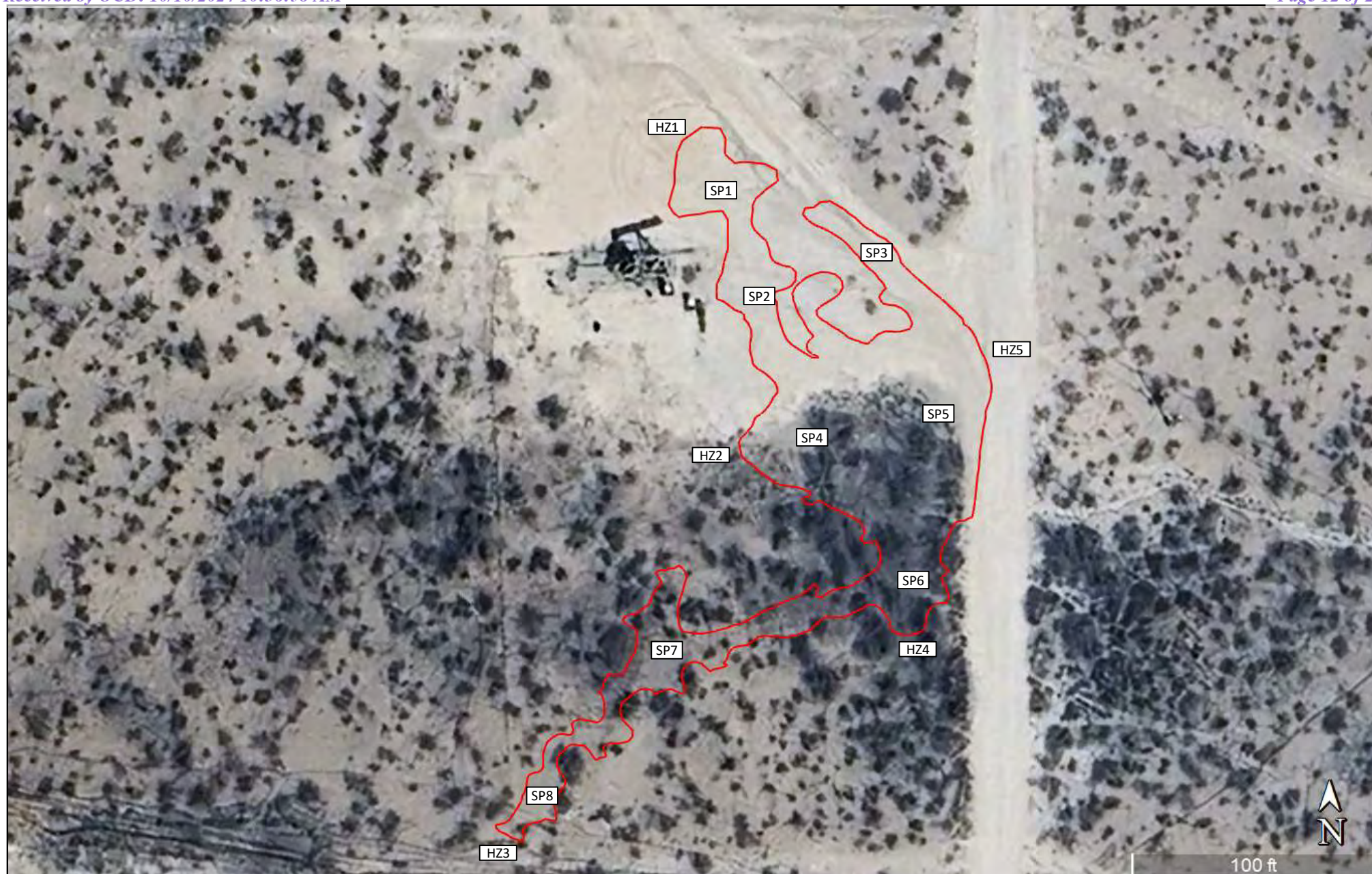
USGS Well Locations Map
FAE II Operating, LLC
EC Hill B #1
GPS: 32.273569, -103.153075
Lea County

Legend:

● EC Hill B #1 Location

Drafted: dd
Checked: bw
Date: 3/22/24



**Figure 4**

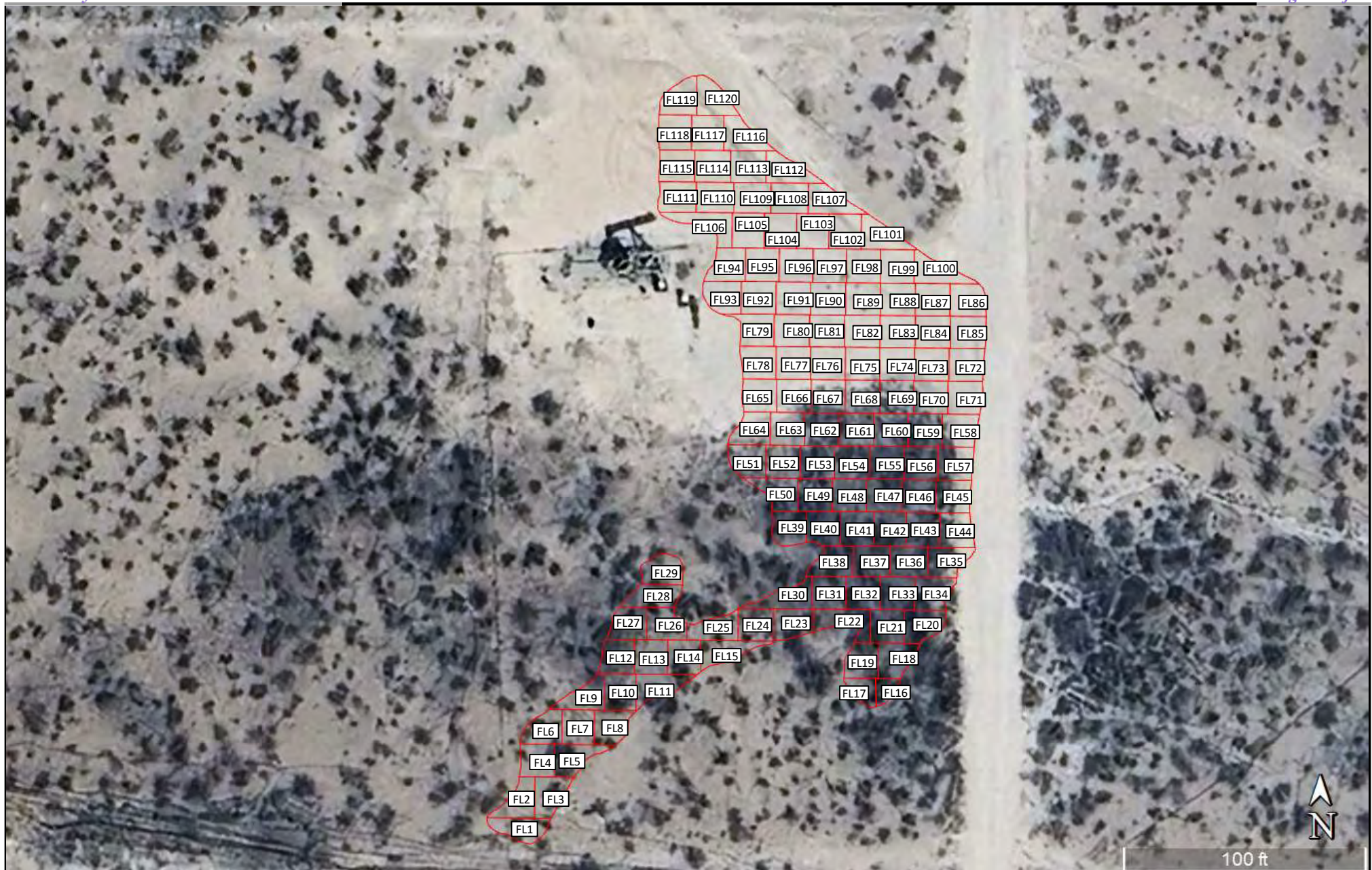
Delineation Sample Map
FAE II Operating, LLC
EC Hill B #1
GPS: 32.273569, -103.153075
Lea County

Legend:

- Release Area
 SP1 Delineation Sample Location

Drafted: dd
Checked: bw
Date: 3/22/24



**Figure 5**

Excavation Floor Sample Map

FAE II Operating, LLC

EC Hill B #1

GPS: 32.273569, -103.153075

Lea County

Legend:

Excavation Area



Composite Confirmation Sample 200 Square Foot Area



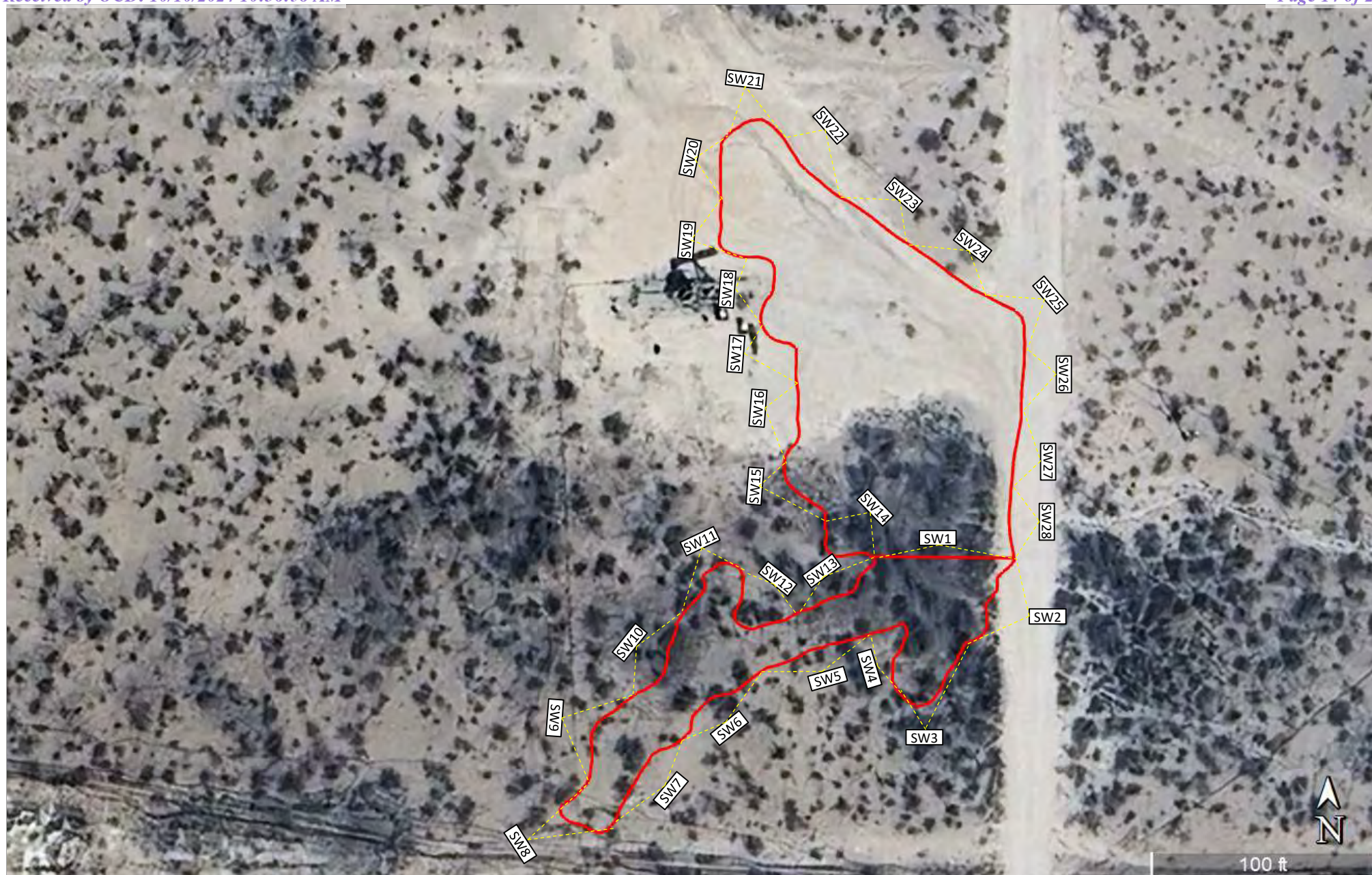
Composite Confirmation Sample Location

Drafted: dd

Checked: bw

Date: 7/8/24



**Figure 6**

Excavation Sidewall Sample Map
FAE II Operating, LLC
EC Hill B #1
GPS: 32.273569, -103.153075
Lea County

Legend:

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

Drafted: dd
Checked: bw
Date: 7/8/24



Table

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
FAE II Operating, LLC
EC Hill B #1
NMOCD Ref. #: nAPP2336333754

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	3/25/24	Surf	Excavated	<0.050	<0.300	<10.0	62.6	72.6	25.0	97.6	21,600
	3/25/24	3	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP2	3/25/24	Surf	Excavated	<0.050	<0.300	<10.0	865	875	945	1,820	20,800
	3/25/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SP3	3/25/24	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,920
	3/25/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP4	3/25/24	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	26,400
	3/25/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP5	3/25/24	Surf	Excavated	<0.050	<0.300	<10.0	57.3	67.3	13.2	80.5	17,600
	3/25/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP6	3/25/24	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	34,400
	3/25/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SP7	3/25/24	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	41,600
	3/25/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP8	3/25/24	Surf	Excavated	<0.050	<0.300	16.9	2,150	2,166.9	593	2,759.9	49,600
	3/25/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
HZ1	3/25/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
	3/25/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
HZ2	3/25/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	3/25/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
HZ3	3/25/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	3/25/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
HZ4	3/25/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	3/25/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
HZ5	3/25/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	3/25/24	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
FAE II Operating, LLC
EC Hill B #1
NMOCD Ref. #: nAPP2336333754

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	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL2	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL3	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL4	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL5	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL6	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL7	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL8	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL9	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL10	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL11	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL12	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL13	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL14	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL15	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL16	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL17	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL18	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL19	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL20	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL21	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL22	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL23	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL24	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL25	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL26	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL27	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL28	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL29	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL30	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL31	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL32	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL33	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL34	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL35	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL36	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL37	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL38	7/9/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL39	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL40	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL41	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL42	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL43	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL44	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
FAE II Operating, LLC
EC Hill B #1
NMOCD Ref. #: nAPP2336333754

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	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL46	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL47	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL48	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL49	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL50	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL51	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL52	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL53	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL54	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL55	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL56	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL57	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL58	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL59	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL60	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL61	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL62	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL63	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL64	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL65	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL66	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL67	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL68	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL69	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL70	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL71	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL72	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL73	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL74	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL75	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL76	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL77	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL78	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL79	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL80	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL81	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL82	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL83	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL84	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL85	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL86	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL87	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
FAE II Operating, LLC
EC Hill B #1
NMOCD Ref. #: nAPP2336333754

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)
FL88	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL89	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL90	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL91	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL92	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL93	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL94	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL95	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL96	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL97	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL98	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL99	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL100	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL101	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL102	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL103	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL104	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL105	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL106	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL107	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL108	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL109	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL110	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL111	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL112	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL113	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL114	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL115	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL116	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL117	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL118	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL119	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL120	7/9/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
FAE II Operating, LLC
EC Hill B #1
NMOCD Ref. #: nAPP2336333754

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)
SW1	7/9/24	4-5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW2	7/9/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW3	7/9/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW4	7/9/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW5	7/9/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW6	7/9/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW7	7/9/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW8	7/9/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW9	7/9/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW10	7/9/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW11	7/9/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW12	7/9/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW13	7/9/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW14	7/9/24	0-5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW15	7/9/24	0-5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW16	7/9/24	0-5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW17	7/9/24	0-5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW18	7/9/24	0-5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW19	7/9/24	0-5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW20	7/9/24	0-5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW21	7/9/24	0-5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW22	7/9/24	0-5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW23	7/9/24	0-5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW24	7/9/24	0-5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW25	7/9/24	0-5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW26	7/9/24	0-5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW27	7/9/24	0-5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW28	7/9/24	0-5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

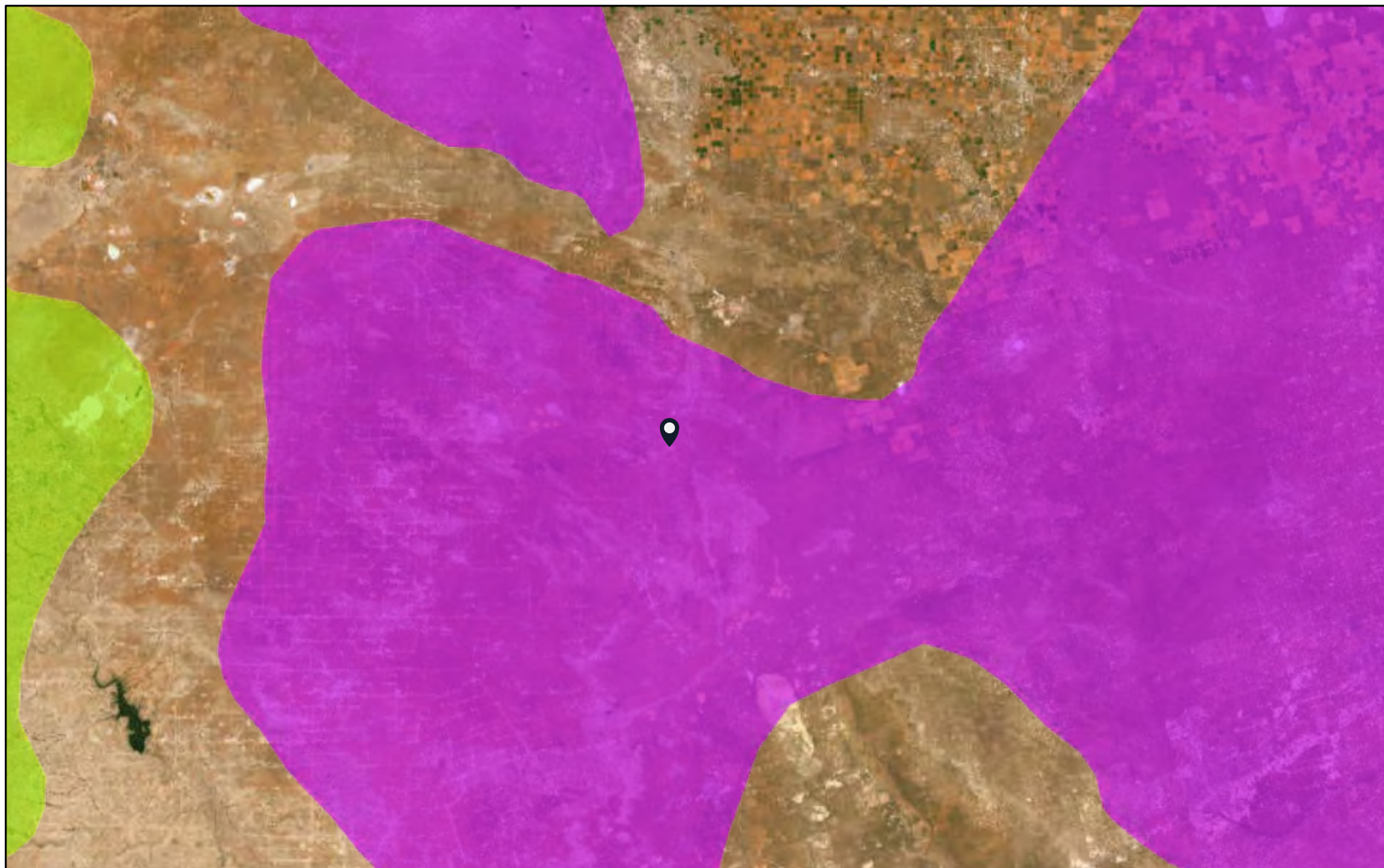
- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

Attachment I

Karst, Wetland, and Soil Maps

EC Hill B #1



3/20/2024

Karst Type

- Carbonate
- Erosional
- Gypsum



Volcanic

World Imagery

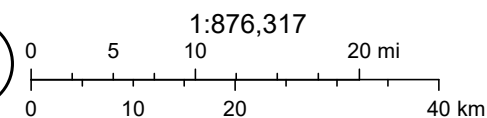
Low Resolution 15m Imagery

High Resolution 60cm Imagery

High Resolution 30cm Imagery

Citations

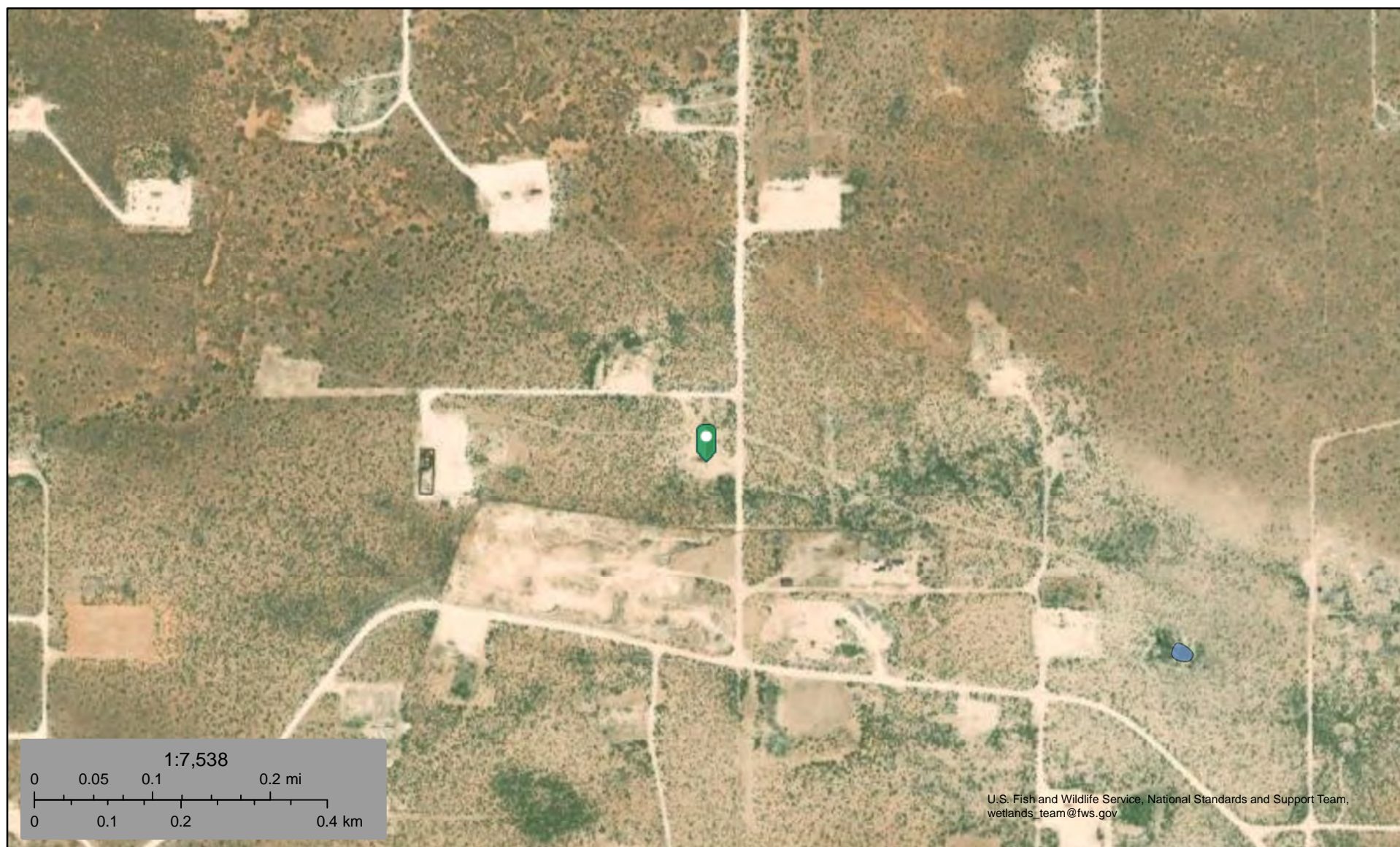
150m Resolution Metadata



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



EC Hill B #1



March 20, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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

Soil Map—Lea County, New Mexico
(EC Hill B #1)

32° 16' 58" N

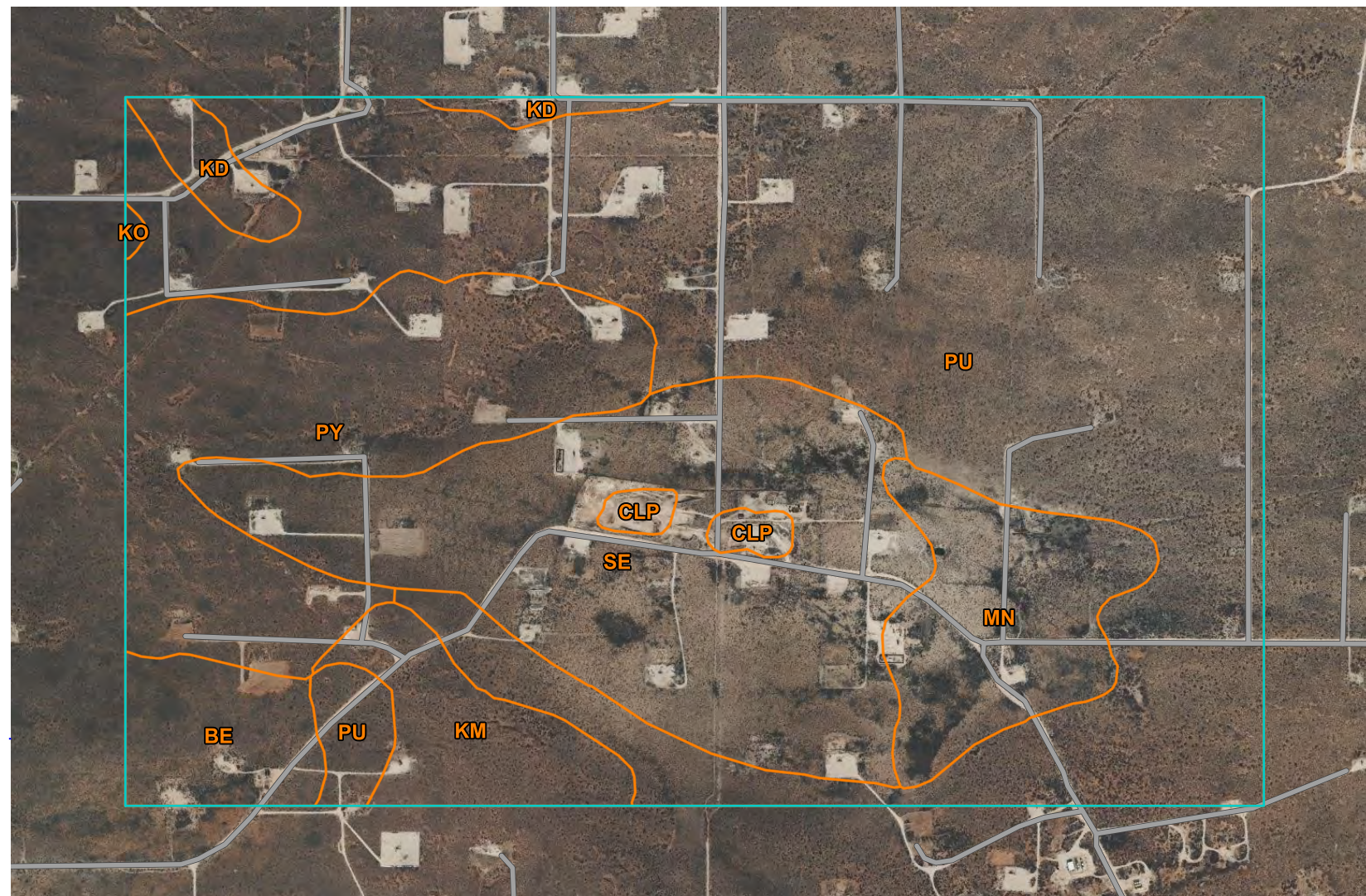
32° 16' 58" N

32° 15' 51" N

32° 15' 51" N

103° 10' 11" W

103° 8' 11" W



103° 10' 11" W

103° 8' 11" W



Map Scale: 1:14,400 if printed on A landscape (11" x 8.5") sheet.

0 200 400 800 1200 Meters

0 500 1000 2000 3000 Feet


Map projection: Web Mercator Corner coordinates: WGS84

Natural Resources
Conservation ServiceWeb Soil Survey
National Cooperative Soil Survey3/20/2024
Page 1 of 3

Soil Map—Lea County, New Mexico
(EC Hill B #1)


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: Lea County, New Mexico

Survey Area Data: Version 20, Sep 6, 2023

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

Date(s) aerial images were photographed: Jan 18, 2020—Feb 17, 2020

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
BE	Berino-Cacique loamy fine sands association	35.6	3.4%
CLP	Caliche pit	8.2	0.8%
KD	Kermit-Palomas fine sands, 0 to 12 percent slopes	19.3	1.8%
KM	Kermit soils and Dune land, 0 to 12 percent slopes	40.9	3.9%
KO	Kimbrough gravelly loam, dry, 0 to 3 percent slopes	1.0	0.1%
MN	Ratliff-Wink fine sandy loams	68.6	6.5%
PU	Pyote and Maljamar fine sands	523.7	49.6%
PY	Pyote soils and Dune land	150.6	14.3%
SE	Simona fine sandy loam, 0 to 3 percent slopes	207.4	19.7%
Totals for Area of Interest		1,055.2	100.0%

Map Unit Description: Simona fine sandy loam, 0 to 3 percent slopes---Lea County, New Mexico

EC Hill B #1

Lea County, New Mexico

SE—Simona fine sandy loam, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: dmr2

Elevation: 3,000 to 4,200 feet

Mean annual precipitation: 10 to 15 inches

Mean annual air temperature: 58 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Not prime farmland

Map Unit Composition

Simona and similar soils: 85 percent

Minor components: 15 percent

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

Description of Simona

Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Calcareous eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 8 inches: fine sandy loam

Bk - 8 to 16 inches: gravelly fine sandy loam

Bkm - 16 to 26 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 7 to 20 inches to petrocalcic

Drainage class: Well drained

Runoff class: Very high

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

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 35 percent

Gypsum, maximum content: 1 percent

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

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Very low (about 2.0 inches)

Interpretive groups

Land capability classification (irrigated): 6s

Map Unit Description: Simona fine sandy loam, 0 to 3 percent slopes---Lea County, New Mexico

EC Hill B #1

Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Minor Components

Kimbrough

Percent of map unit: 8 percent
Ecological site: R077CY037TX - Very Shallow 16-21" PZ
Hydric soil rating: No

Lea

Percent of map unit: 7 percent
Ecological site: R077CY028TX - Limy Upland 16-21" PZ
Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 20, Sep 6, 2023

Attachment II NMOCD Correspondence

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 360970

QUESTIONS

Operator: FAE II Operating LLC 11757 Katy Freeway, Suite 725 Houston, TX 77079	OGRID: 329326
	Action Number: 360970
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2336333754
Incident Name	NAPP2336333754 E C HILL B #001 @ 30-025-10850
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-10850] E C HILL B #001

Location of Release Source	
Site Name	E C HILL B #001
Date Release Discovered	12/22/2023
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	24,000
What is the estimated number of samples that will be gathered	148
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/09/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Will be taking 148 samples total. 120 floor samples and 28 sidewall samples. Contact Info for Sampler: Roy Bell (575) 626-8959
Please provide any information necessary for navigation to sampling site	Site Location GPS: 32.273569, -103.153075

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

CONDITIONS

Action 360970

CONDITIONS

Operator: FAE II Operating LLC 11757 Katy Freeway, Suite 725 Houston, TX 77079	OGRID: 329326
	Action Number: 360970
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

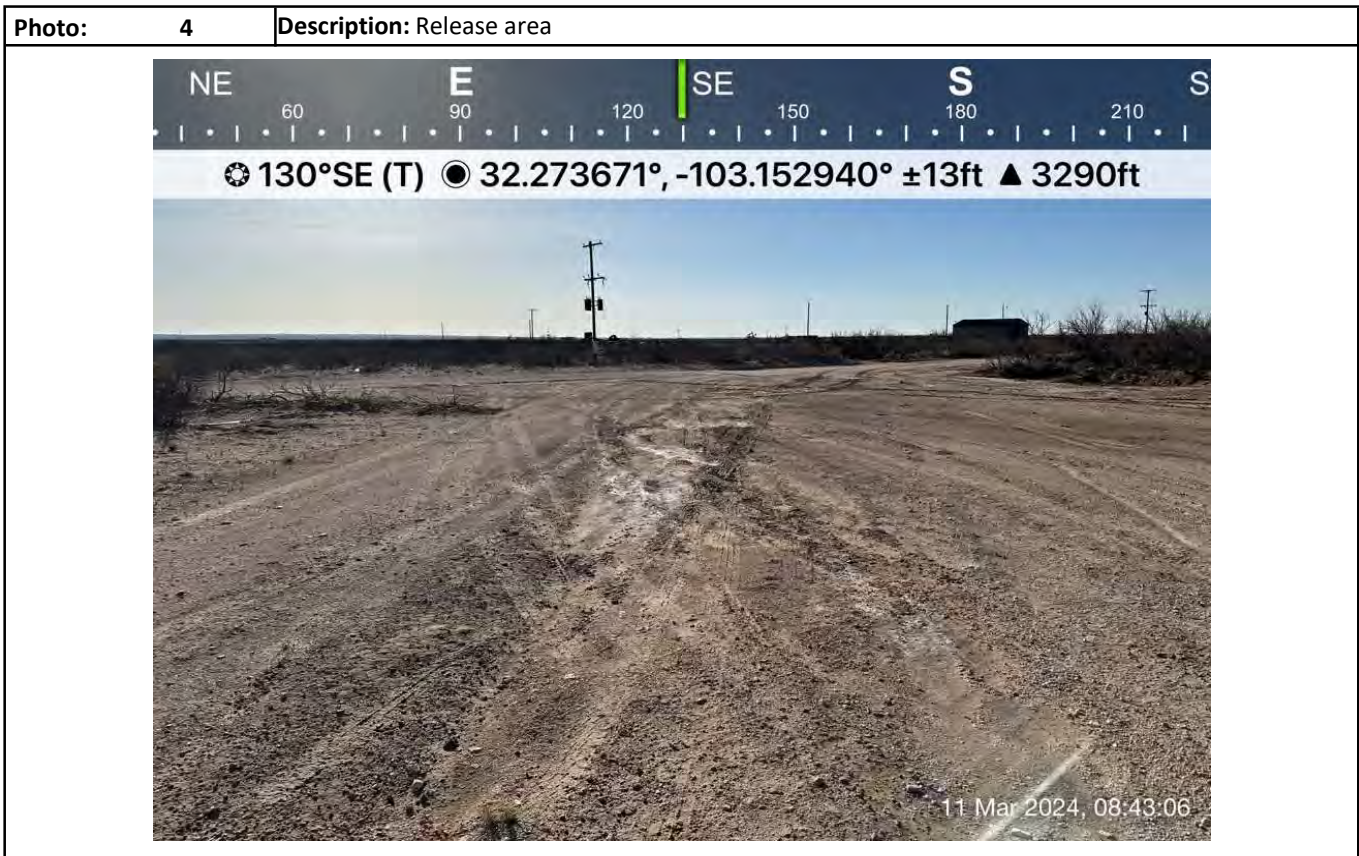
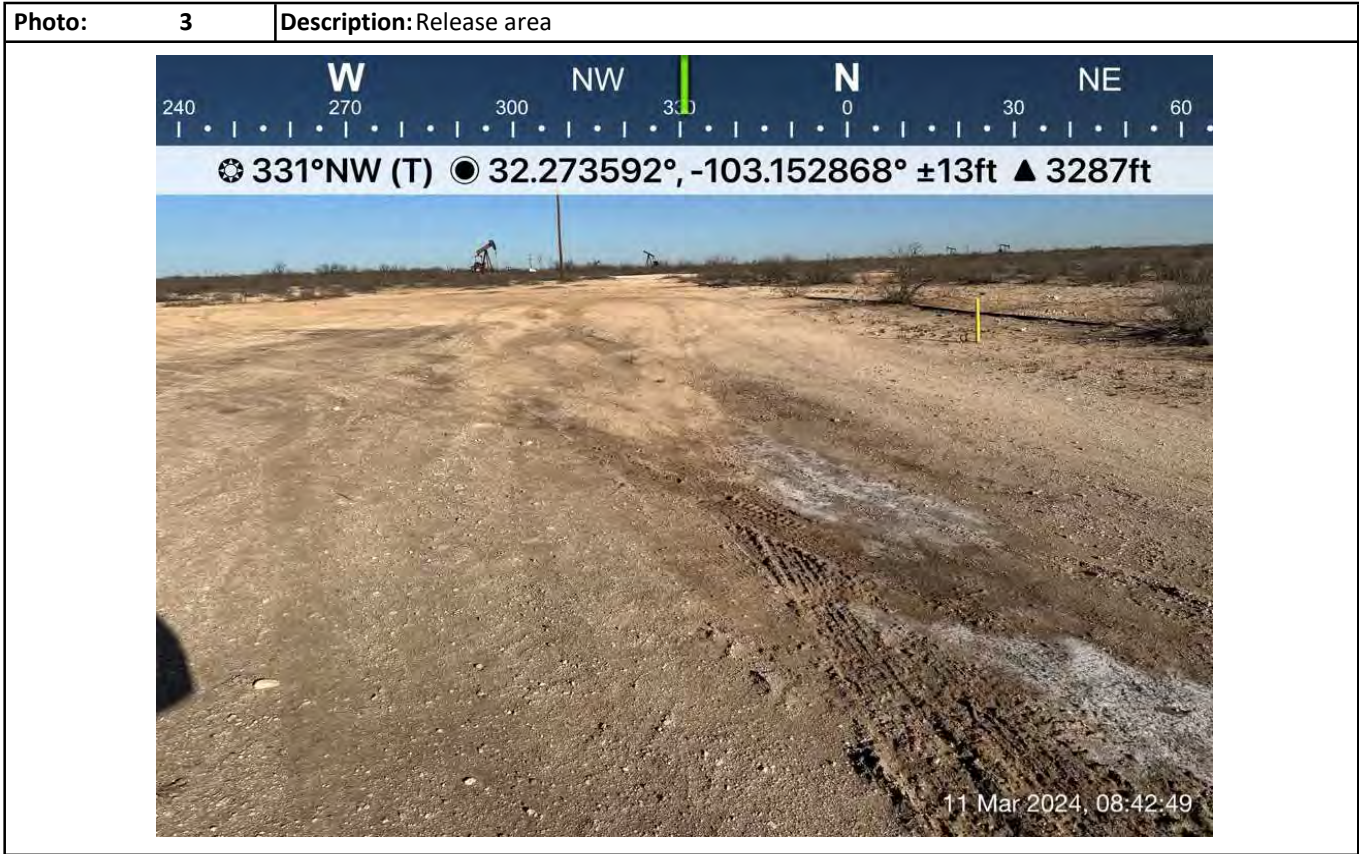
Created By	Condition	Condition Date
alexbolanos	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	7/3/2024

Attachment III Site Photographs

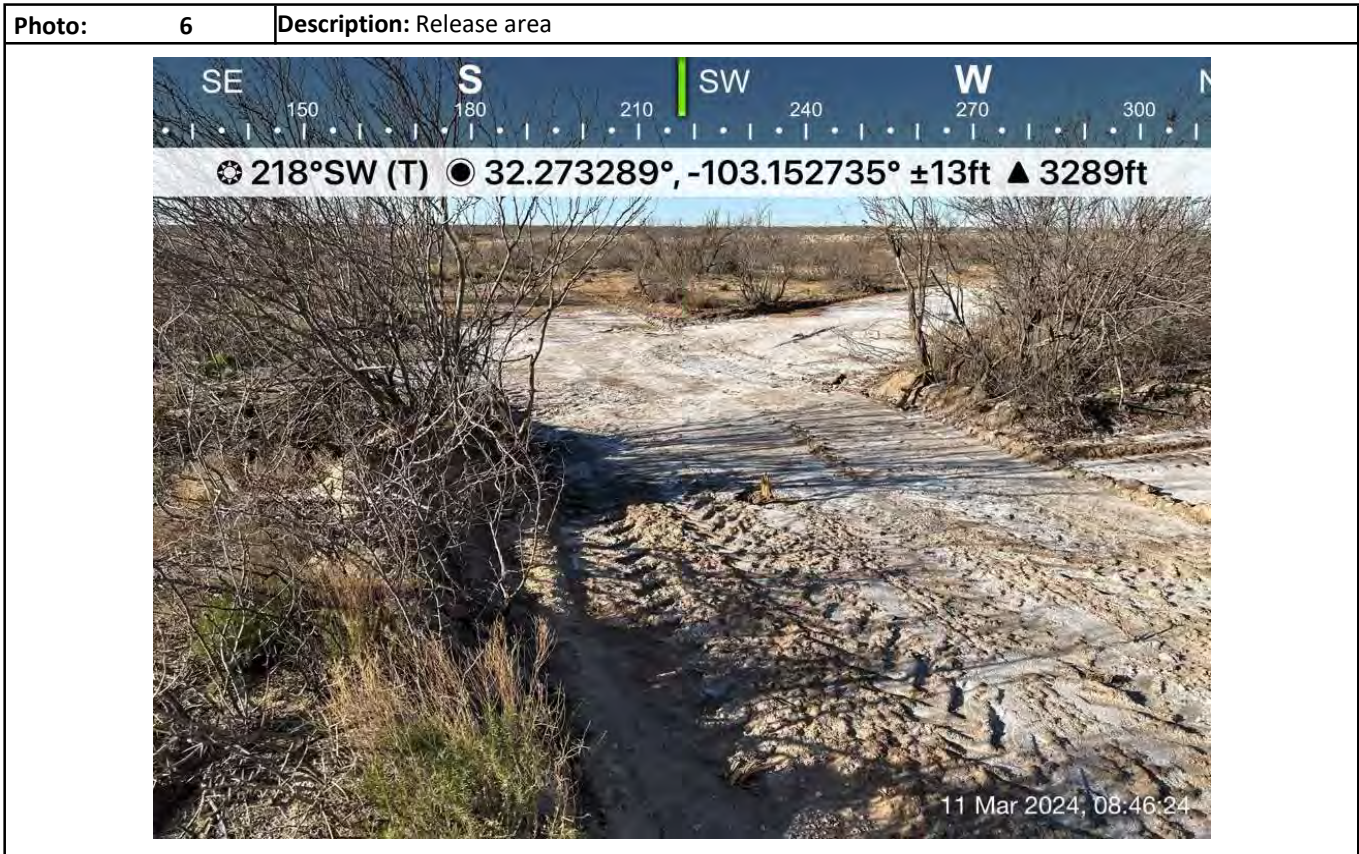
Photographs



Photographs



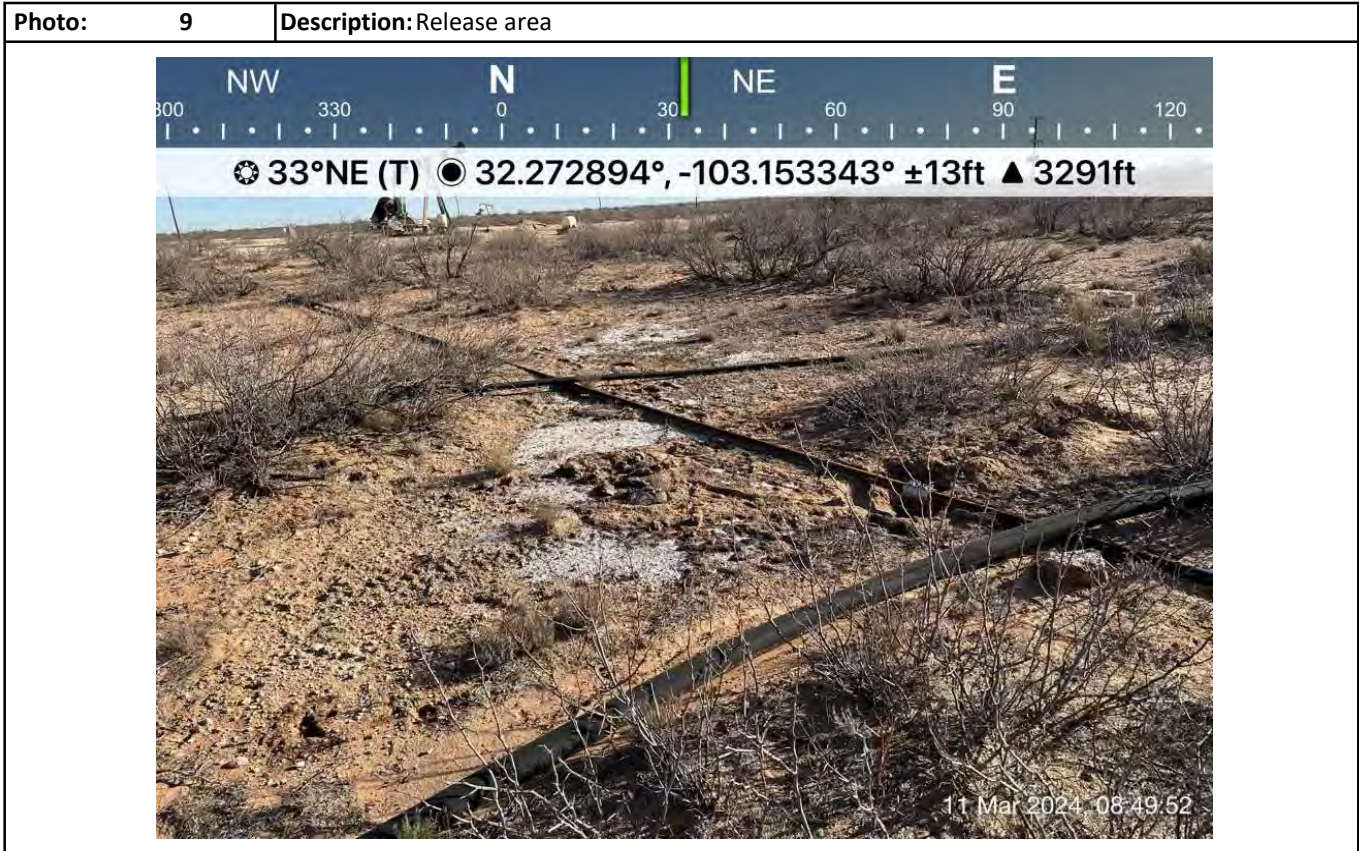
Photographs



Photographs



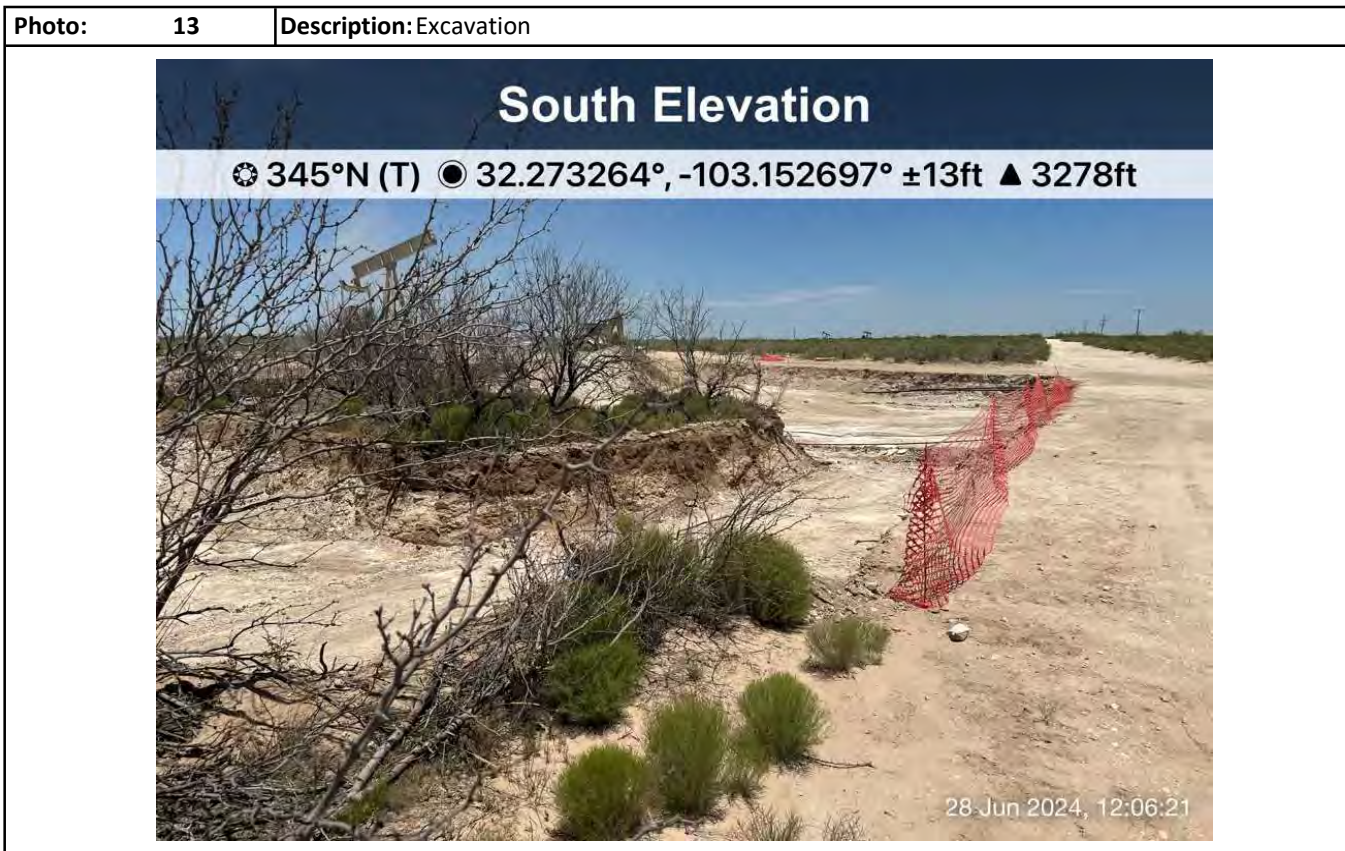
Photographs



Photographs



Photographs



Photographs

Photo: 15	Description: Excavation
-----------	-------------------------

South Elevation

☀ 353°N (T) ● 32.273086°, -103.152817° ±13ft ▲ 3278ft



28 Jun 2024, 12:07:00

Photo: 16	Description: Excavation
-----------	-------------------------

South West Elevation

☀ 55°NE (T) ● 32.272929°, -103.153356° ±13ft ▲ 3281ft



28 Jun 2024, 12:10:06

Photographs



Photographs



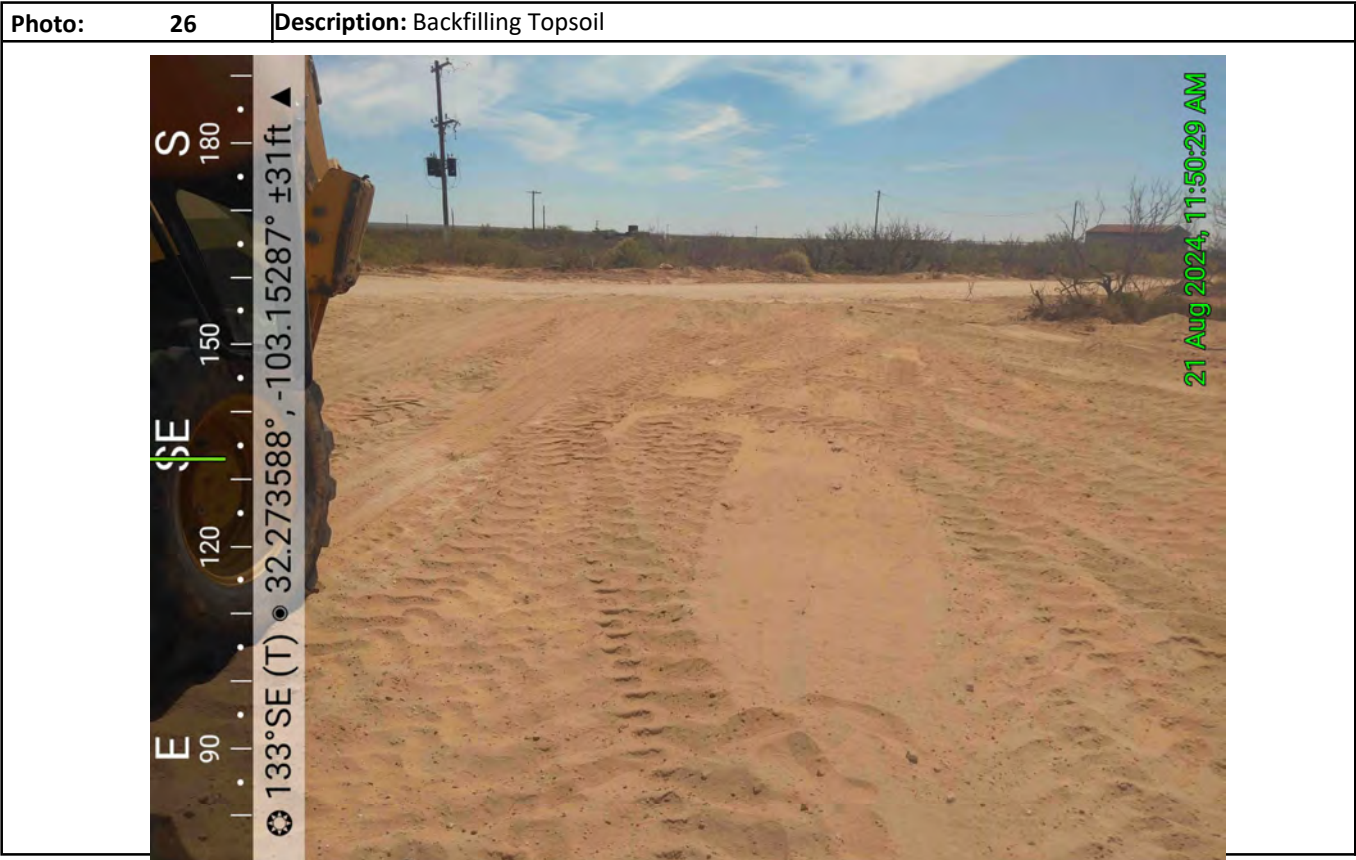
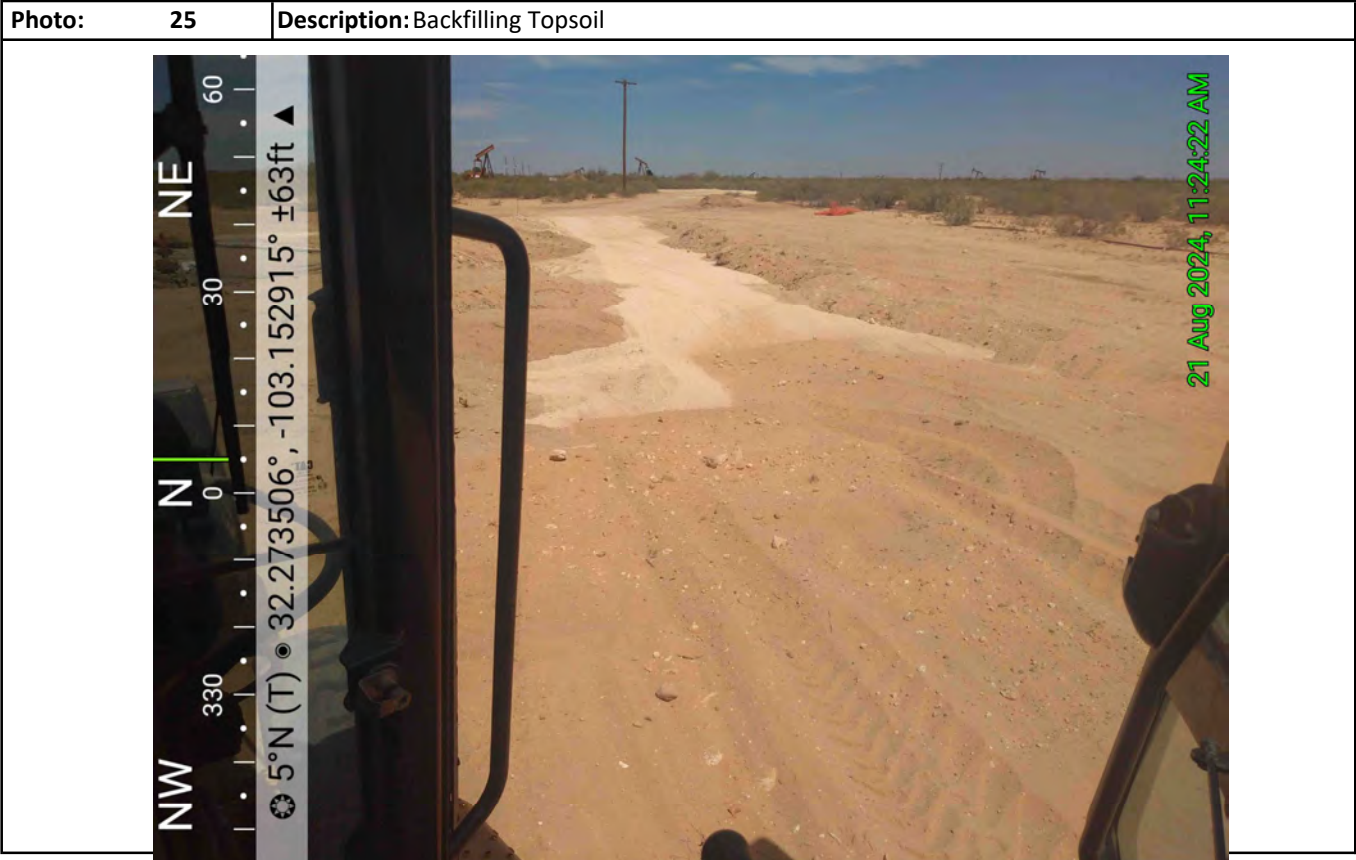
Photographs



Photographs



Photographs



Photographs



Photographs



Attachment IV

Field Data

Sample Log

Hungry Horse, LLC

Project: EC Hill B #1

Karst: Yes Water: 50'-100'

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

Date:

GPS: 32.273569, -103.153075

Sampler: Jerry Heidelberg

Sample ID	Depth	PID/Odor	Chloride	GPS
HZ1	Surf	No	2.00 49 x 4 = 196	
	1'	No	1.80 43 x 4 = 172	
HZ2	Surf	No	1.80 43 x 4 = 172	
	1'	No	1.20 > 100	
HZ3	Surf	No	1.40 30 x 4 = 120	
	1'	No	1.00 > 100	
HZ4	Surf	No	2.20 57 x 4 = 228	
	1'	No	1.40 30 x 4 = 120	
HZ5	Surf	No	1.80 43 x 4 = 172	
	1'	No	1.20 > 100	
SP1	Surf	Yes	8.84 46 x 4 = 18,764	
	1'	No	6.8 @ 43 x 4 = 172	
	2'		4.8 @ 210 x 4 = 840	
	3'		3.8 @ 138 x 4 = 552	
	4'			
	6'			
	8'			
	10'			
SP2	Surf	Yes	8.04 3137 x 4 = 12,548	
	1'	No	6.8 @ 421 x 4 =	
	2'		3.8 @ 138 x 4 = 552	
	3'			
	4'			
	6'			
	8'			
	10'			
SP3	Surf	Yes	4.01 641 x 4 = 2,564	
	1'		6.8 M @ 1929 x 4 =	4.1 Rock
	2'		3.0 @ 92 x 4 = 368	4.1 Rock
	3'			
	4'			
	6'			
	8'			
	10'			

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

Project: EC Hill B #1

Karst: Yes Water: 50'-100'

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

Date:

GPS: 32.273569, -103.153075

Sampler: Jerry Heidelberg

Sample ID	Depth	PID/Odor	Chloride	GPS
SP4	Surf	Yes	8.4H@3783X4=15,132	
	1'		4.0@151X4=604	Hilt Rock
	2'		2.2@57X4=228	
	3'			
	4'			
	6'			
	8'			
	10'			
SP5	Surf	Yes	8.4H@3783X4=15,132	
	1'	No	6.8@433X4=1,732	
	2'		2.8@83X4=332	Hilt Rock
	3'			
	4'			
	6'			
	8'			
	10'			
SP6	Surf	Yes	9.2H@6149X4=24,596	
	1'	Yes	7.6@576X4=2,304	
	2'		2.4@65X4=260	Hilt Rock
	3'			
	4'			
	6'			
	8'			
	10'			
SP7	Surf	Yes	9.2H@6149X4=24,596	
	1'		6.0M@1426X4=5,704	
	2'		3.2@103X4=412	
	3'			
	4'			
	6'			
	8'			
	10'			
SP8	Surf	Yes	9.2H@6149X4=24,596	
	1'		8.2M@3436X4=13,744	
	2'		3.6@125X4=500	
	3'			

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

Attachment V

Depth to Groundwater



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

No wells found.

UTMNAD83 Radius Search (in meters):

Easting (X): 673945.06 Northing (Y): 3572256.70 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.

3/25/24 6:29 AM

WELLS WITH WELL LOG INFORMATION

Attachment VI

Laboratory Analytical Reports



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

April 03, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: EC HILL B#1

Enclosed are the results of analyses for samples received by the laboratory on 03/27/24 16:10.

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 style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/27/2024	Sampling Date:	03/25/2024
Reported:	04/03/2024	Sampling Type:	Soil
Project Name:	EC HILL B#1	Sampling Condition:	Cool & Intact
Project Number:	FORTY ACRES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 27 T23S - R37E		

Sample ID: SP 1 - SURF (H241616-01)

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	03/29/2024	ND	2.07	104	2.00	5.54	
Toluene*	<0.050	0.050	03/29/2024	ND	2.08	104	2.00	8.46	
Ethylbenzene*	<0.050	0.050	03/29/2024	ND	2.14	107	2.00	9.40	
Total Xylenes*	<0.150	0.150	03/29/2024	ND	6.34	106	6.00	9.31	
Total BTEX	<0.300	0.300	03/29/2024	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	21600	16.0	04/01/2024	ND	432	108	400	3.77	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	03/28/2024	ND	201	101	200	0.116	
DRO >C10-C28*	62.6	10.0	03/28/2024	ND	216	108	200	3.32	
EXT DRO >C28-C36	25.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 98.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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: 03/27/2024
 Reported: 04/03/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 03/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 - 3' (H241616-02)

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	03/29/2024	ND	2.07	104	2.00	5.54		
Toluene*	<0.050	0.050	03/29/2024	ND	2.08	104	2.00	8.46		
Ethylbenzene*	<0.050	0.050	03/29/2024	ND	2.14	107	2.00	9.40		
Total Xylenes*	<0.150	0.150	03/29/2024	ND	6.34	106	6.00	9.31		
Total BTEx	<0.300	0.300	03/29/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	04/01/2024	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	03/28/2024	ND	201	101	200	0.116	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	216	108	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 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: 03/27/2024
 Reported: 04/03/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 03/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 2 - SURF (H241616-03)

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	03/28/2024	ND	1.84	92.1	2.00	3.87		
Toluene*	<0.050	0.050	03/28/2024	ND	1.98	99.1	2.00	3.40		
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	1.96	98.0	2.00	2.94		
Total Xylenes*	<0.150	0.150	03/28/2024	ND	5.98	99.6	6.00	2.97		
Total BTEx	<0.300	0.300	03/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20800	16.0	04/01/2024	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	03/28/2024	ND	201	101	200	0.116	
DRO >C10-C28*	865	10.0	03/28/2024	ND	216	108	200	3.32	
EXT DRO >C28-C36	945	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.1 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/27/2024
 Reported: 04/03/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 03/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 2 - 2' (H241616-04)

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	03/28/2024	ND	1.84	92.1	2.00	3.87		
Toluene*	<0.050	0.050	03/28/2024	ND	1.98	99.1	2.00	3.40		
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	1.96	98.0	2.00	2.94		
Total Xylenes*	<0.150	0.150	03/28/2024	ND	5.98	99.6	6.00	2.97		
Total BTEX	<0.300	0.300	03/28/2024	ND						

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

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	04/01/2024	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	03/28/2024	ND	201	101	200	0.116	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	216	108	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 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: 03/27/2024
 Reported: 04/03/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 03/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 3 - SURF (H241616-05)

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	03/28/2024	ND	1.84	92.1	2.00	3.87		
Toluene*	<0.050	0.050	03/28/2024	ND	1.98	99.1	2.00	3.40		
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	1.96	98.0	2.00	2.94		
Total Xylenes*	<0.150	0.150	03/28/2024	ND	5.98	99.6	6.00	2.97		
Total BTEx	<0.300	0.300	03/28/2024	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	3920	16.0	04/01/2024	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	03/28/2024	ND	201	101	200	0.116	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	216	108	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 97.4 % 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: 03/27/2024
 Reported: 04/03/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 03/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 3 - 2' (H241616-06)

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	03/28/2024	ND	1.84	92.1	2.00	3.87		
Toluene*	<0.050	0.050	03/28/2024	ND	1.98	99.1	2.00	3.40		
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	1.96	98.0	2.00	2.94		
Total Xylenes*	<0.150	0.150	03/28/2024	ND	5.98	99.6	6.00	2.97		
Total BTEX	<0.300	0.300	03/28/2024	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	32.0	16.0	04/01/2024	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	03/28/2024	ND	201	101	200	0.116	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	216	108	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 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: 03/27/2024
 Reported: 04/03/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 03/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 4 - SURF (H241616-07)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/28/2024	ND	1.84	92.1	2.00	3.87		
Toluene*	<0.050	0.050	03/28/2024	ND	1.98	99.1	2.00	3.40		
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	1.96	98.0	2.00	2.94		
Total Xylenes*	<0.150	0.150	03/28/2024	ND	5.98	99.6	6.00	2.97		
Total BTX	<0.300	0.300	03/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	26400	16.0	04/01/2024	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	03/28/2024	ND	201	101	200	0.116	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	216	108	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/27/2024
 Reported: 04/03/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 03/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 4 - 2' (H241616-08)

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	03/28/2024	ND	1.84	92.1	2.00	3.87		
Toluene*	<0.050	0.050	03/28/2024	ND	1.98	99.1	2.00	3.40		
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	1.96	98.0	2.00	2.94		
Total Xylenes*	<0.150	0.150	03/28/2024	ND	5.98	99.6	6.00	2.97		
Total BTEX	<0.300	0.300	03/28/2024	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	04/01/2024	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	03/28/2024	ND	201	101	200	0.116	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	216	108	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 75.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.6 % 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: 03/27/2024
 Reported: 04/03/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 03/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 5 - SURF (H241616-09)

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	03/28/2024	ND	1.84	92.1	2.00	3.87		
Toluene*	<0.050	0.050	03/28/2024	ND	1.98	99.1	2.00	3.40		
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	1.96	98.0	2.00	2.94		
Total Xylenes*	<0.150	0.150	03/28/2024	ND	5.98	99.6	6.00	2.97		
Total BTEx	<0.300	0.300	03/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	17600	16.0	04/01/2024	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	03/28/2024	ND	201	101	200	0.116	
DRO >C10-C28*	57.3	10.0	03/28/2024	ND	216	108	200	3.32	
EXT DRO >C28-C36	13.2	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 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: 03/27/2024
 Reported: 04/03/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 03/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 5 - 2' (H241616-10)

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	03/28/2024	ND	1.84	92.1	2.00	3.87		
Toluene*	<0.050	0.050	03/28/2024	ND	1.98	99.1	2.00	3.40		
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	1.96	98.0	2.00	2.94		
Total Xylenes*	<0.150	0.150	03/28/2024	ND	5.98	99.6	6.00	2.97		
Total BTEX	<0.300	0.300	03/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/01/2024	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	03/28/2024	ND	201	101	200	0.116	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	216	108	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/27/2024
 Reported: 04/03/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 03/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 6 - SURF (H241616-11)

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	03/28/2024	ND	1.84	92.1	2.00	3.87		
Toluene*	<0.050	0.050	03/28/2024	ND	1.98	99.1	2.00	3.40		
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	1.96	98.0	2.00	2.94		
Total Xylenes*	<0.150	0.150	03/28/2024	ND	5.98	99.6	6.00	2.97		
Total BTEx	<0.300	0.300	03/28/2024	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	34400	16.0	04/01/2024	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	03/28/2024	ND	201	101	200	0.116	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	216	108	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 88.9 % 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
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 03/27/2024
 Reported: 04/03/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 03/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 6 - 2' (H241616-12)

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	03/28/2024	ND	1.84	92.1	2.00	3.87		
Toluene*	<0.050	0.050	03/28/2024	ND	1.98	99.1	2.00	3.40		
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	1.96	98.0	2.00	2.94		
Total Xylenes*	<0.150	0.150	03/28/2024	ND	5.98	99.6	6.00	2.97		
Total BTEX	<0.300	0.300	03/28/2024	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	16.0	16.0	04/01/2024	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	03/28/2024	ND	201	101	200	0.116	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	216	108	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/27/2024
 Reported: 04/03/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 03/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 7 - SURF (H241616-13)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/28/2024	ND	1.84	92.1	2.00	3.87		
Toluene*	<0.050	0.050	03/28/2024	ND	1.98	99.1	2.00	3.40		
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	1.96	98.0	2.00	2.94		
Total Xylenes*	<0.150	0.150	03/28/2024	ND	5.98	99.6	6.00	2.97		
Total BTX	<0.300	0.300	03/28/2024	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	41600	16.0	04/01/2024	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	03/28/2024	ND	220	110	200	5.10	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	196	98.1	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 95.9 % 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: 03/27/2024
 Reported: 04/03/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 03/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 7 - 2' (H241616-14)

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	03/28/2024	ND	1.84	92.1	2.00	3.87		
Toluene*	<0.050	0.050	03/28/2024	ND	1.98	99.1	2.00	3.40		
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	1.96	98.0	2.00	2.94		
Total Xylenes*	<0.150	0.150	03/28/2024	ND	5.98	99.6	6.00	2.97		
Total BTEX	<0.300	0.300	03/28/2024	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	32.0	16.0	04/01/2024	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	03/28/2024	ND	220	110	200	5.10	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	196	98.1	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/27/2024
 Reported: 04/03/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 03/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 8 - SURF (H241616-15)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/28/2024	ND	1.84	92.1	2.00	3.87		
Toluene*	<0.050	0.050	03/28/2024	ND	1.98	99.1	2.00	3.40		
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	1.96	98.0	2.00	2.94		
Total Xylenes*	<0.150	0.150	03/28/2024	ND	5.98	99.6	6.00	2.97		
Total BTX	<0.300	0.300	03/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 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	49600	16.0	04/01/2024	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*	16.9	10.0	03/28/2024	ND	220	110	200	5.10	
DRO >C10-C28*	2150	10.0	03/28/2024	ND	196	98.1	200	5.34	
EXT DRO >C28-C36	593	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 98.3 % 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: 03/27/2024
 Reported: 04/03/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 03/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 8 - 2' (H241616-16)

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	03/28/2024	ND	1.84	92.1	2.00	3.87		
Toluene*	<0.050	0.050	03/28/2024	ND	1.98	99.1	2.00	3.40		
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	1.96	98.0	2.00	2.94		
Total Xylenes*	<0.150	0.150	03/28/2024	ND	5.98	99.6	6.00	2.97		
Total BTEX	<0.300	0.300	03/28/2024	ND						

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

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	04/01/2024	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	03/28/2024	ND	220	110	200	5.10	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	196	98.1	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 94.5 % 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: 03/27/2024
 Reported: 04/03/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 03/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 1 - SURF (H241616-17)

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	03/28/2024	ND	1.84	92.1	2.00	3.87		
Toluene*	<0.050	0.050	03/28/2024	ND	1.98	99.1	2.00	3.40		
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	1.96	98.0	2.00	2.94		
Total Xylenes*	<0.150	0.150	03/28/2024	ND	5.98	99.6	6.00	2.97		
Total BTEx	<0.300	0.300	03/28/2024	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	64.0	16.0	04/01/2024	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	03/28/2024	ND	220	110	200	5.10	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	196	98.1	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/27/2024
 Reported: 04/03/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 03/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 1 - 1' (H241616-18)

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	03/28/2024	ND	1.84	92.1	2.00	3.87		
Toluene*	<0.050	0.050	03/28/2024	ND	1.98	99.1	2.00	3.40		
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	1.96	98.0	2.00	2.94		
Total Xylenes*	<0.150	0.150	03/28/2024	ND	5.98	99.6	6.00	2.97		
Total BTEX	<0.300	0.300	03/28/2024	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	04/01/2024	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	03/28/2024	ND	220	110	200	5.10	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	196	98.1	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/27/2024
 Reported: 04/03/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 03/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 2 - SURF (H241616-19)

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	03/28/2024	ND	1.84	92.1	2.00	3.87		
Toluene*	<0.050	0.050	03/28/2024	ND	1.98	99.1	2.00	3.40		
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	1.96	98.0	2.00	2.94		
Total Xylenes*	<0.150	0.150	03/28/2024	ND	5.98	99.6	6.00	2.97		
Total BTEX	<0.300	0.300	03/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/01/2024	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	03/28/2024	ND	220	110	200	5.10	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	196	98.1	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/27/2024
 Reported: 04/03/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 03/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 2 - 1' (H241616-20)

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	03/28/2024	ND	1.84	92.1	2.00	3.87		
Toluene*	<0.050	0.050	03/28/2024	ND	1.98	99.1	2.00	3.40		
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	1.96	98.0	2.00	2.94		
Total Xylenes*	<0.150	0.150	03/28/2024	ND	5.98	99.6	6.00	2.97		
Total BTEX	<0.300	0.300	03/28/2024	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	04/01/2024	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	03/28/2024	ND	220	110	200	5.10	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	196	98.1	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/27/2024
 Reported: 04/03/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 03/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 3 - SURF (H241616-21)

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	03/28/2024	ND	1.84	92.1	2.00	3.87		
Toluene*	<0.050	0.050	03/28/2024	ND	1.98	99.1	2.00	3.40		
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	1.96	98.0	2.00	2.94		
Total Xylenes*	<0.150	0.150	03/28/2024	ND	5.98	99.6	6.00	2.97		
Total BTEX	<0.300	0.300	03/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/01/2024	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	03/28/2024	ND	220	110	200	5.10	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	196	98.1	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/27/2024
 Reported: 04/03/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 03/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 3 - 1' (H241616-22)

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	03/28/2024	ND	1.84	92.1	2.00	3.87		
Toluene*	<0.050	0.050	03/28/2024	ND	1.98	99.1	2.00	3.40		
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	1.96	98.0	2.00	2.94		
Total Xylenes*	<0.150	0.150	03/28/2024	ND	5.98	99.6	6.00	2.97		
Total BTEX	<0.300	0.300	03/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/01/2024	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	03/28/2024	ND	220	110	200	5.10	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	196	98.1	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 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: 03/27/2024
 Reported: 04/03/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 03/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 4 - SURF (H241616-23)

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	04/01/2024	ND	2.04	102	2.00	4.16		
Toluene*	<0.050	0.050	04/01/2024	ND	2.03	101	2.00	5.14		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.96	98.2	2.00	5.34		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.95	99.1	6.00	4.96		
Total BTEX	<0.300	0.300	04/01/2024	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	32.0	16.0	04/01/2024	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	03/28/2024	ND	220	110	200	5.10	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	196	98.1	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 98.9 % 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: 03/27/2024
 Reported: 04/03/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 03/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 4 - 1' (H241616-24)

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	04/01/2024	ND	2.04	102	2.00	4.16		
Toluene*	<0.050	0.050	04/01/2024	ND	2.03	101	2.00	5.14		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.96	98.2	2.00	5.34		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.95	99.1	6.00	4.96		
Total BTEX	<0.300	0.300	04/01/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/01/2024	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	03/28/2024	ND	220	110	200	5.10	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	196	98.1	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/27/2024
 Reported: 04/03/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 03/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 5 - SURF (H241616-25)

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	04/01/2024	ND	2.04	102	2.00	4.16		
Toluene*	<0.050	0.050	04/01/2024	ND	2.03	101	2.00	5.14		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.96	98.2	2.00	5.34		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.95	99.1	6.00	4.96		
Total BTEx	<0.300	0.300	04/01/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/01/2024	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	03/28/2024	ND	220	110	200	5.10	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	196	98.1	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/27/2024
 Reported: 04/03/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 03/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 5 - 1' (H241616-26)

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	04/01/2024	ND	2.04	102	2.00	4.16		
Toluene*	<0.050	0.050	04/01/2024	ND	2.03	101	2.00	5.14		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.96	98.2	2.00	5.34		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.95	99.1	6.00	4.96		
Total BTEX	<0.300	0.300	04/01/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/01/2024	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	03/28/2024	ND	220	110	200	5.10	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	196	98.1	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 29 of 31

Company Name: Forty Acres		BILL TO		ANALYSIS REQUEST																		
Project Manager: Daniel Dominguez		P.O. #:																				
Address: PO Box 1058		Company: Forty Acres																				
City: Hobbs	State: NM	Zip: 88241	Attn: Adam Holcomb																			
Phone #: 575 393-3386	Fax #:	Address: 11757 Katy FWY Suite 725																				
Project #:	Project Owner: Forty Acres	City: Houston																				
Project Name: EC Hill B #1	State: TX		Zip: 77079																			
Project Location: UL/ K Sec 27 T23S - R37E	Phone #: 806-420-8278																					
Sampler Name: Jerry Heidelberg	Fax #:																					
FOR LAB USE ONLY																						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING													
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME	Chloride	TPH	BTEX 8021					
42411616	1 SP1-Surf	G	1			X					X		3/25/24		X	X	X					
	2 SP1-3'	G	1			X					X		3/25/24		X	X	X					
	3 SP2-Surf	G	1			X					X		3/25/24		X	X	X					
	4 SP2-2'	G	1			X					X		3/25/24		X	X	X					
	5 SP3-Surf	G	1			X					X		3/25/24		X	X	X					
	6 SP3-2'	G	1			X					X		3/25/24		X	X	X					
	7 SP4-Surf	G	1			X					X		3/25/24		X	X	X					
	8 SP4-2'	G	1			X					X		3/25/24		X	X	X					
	9 SP5-Surf	G	1			X					X		3/25/24		X	X	X					
	10 SP5-2'	G	1			X					X		3/25/24		X	X	X					

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Relinquished By:	Date: 3/25/24	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: 1616		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		Email results to: pm@hungry-horse.com	
			adam@faenergyus.com	
Delivered By: (Circle One)	#140	Sample Condition	CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other: -0.5°C		Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
		Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 30 of 31

Company Name: Forty Acres		BILL TO		ANALYSIS REQUEST																			
Project Manager: Daniel Dominguez		P.O. #:																					
Address: PO Box 1058		Company: Forty Acres																					
City: Hobbs	State: NM	Zip: 88241	Attn: Adam Holcomb																				
Phone #: 575 393-3386	Fax #:	Address: 11757 Katy FWY Suite 725																					
Project #:	Project Owner: Forty Acres	City: Houston																					
Project Name: EC Hill B #1	State: TX		Zip: 77079																				
Project Location: UL/ K Sec 27 T23S - R37E	Phone #: 806-420-8278																						
Sampler Name: Jerry Heidelberg	Fax #:																						
FOR LAB USE ONLY		MATRIX		PRESERV.	SAMPLING																		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH	BTEX 8021						
H241616																							
11	SP6-Surf	G	1		X					X			3/25/24		X	X	X						
12	SP6-2'	G	1		X					X			3/25/24		X	X	X						
13	SP7-Surf	G	1		X					X			3/25/24		X	X	X						
14	SP7-2'	G	1		X					X			3/25/24		X	X	X						
15	SP8-Surf	G	1		X					X			3/25/24		X	X	X						
16	SP8-2'	G	1		X					X			3/25/24		X	X	X						
17	HZ1-Surf	G	1		X					X			3/25/24		X	X	X						
18	HZ1-1'	G	1		X					X			3/25/24		X	X	X						
19	HZ2-Surf	G	1		X					X			3/25/24		X	X	X						
20	HZ2-1'	G	1		X					X			3/25/24		X	X	X						

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Relinquished By:	Date: 3/25/24	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: 1610		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		Email results to: pm@hungry-horse.com	
			adam@faenergyus.com	
Delivered By: (Circle One)	#140	Sample Condition	CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:	-0.5C	Cool Intact	J.S.	
		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
		<input type="checkbox"/> No <input type="checkbox"/> No		

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 31 of 31

Company Name: Forty Acres		BILL TO		ANALYSIS REQUEST																			
Project Manager: Daniel Dominguez		P.O. #:																					
Address: PO Box 1058		Company: Forty Acres																					
City: Hobbs	State: NM	Zip: 88241	Attn: Adam Holcomb																				
Phone #: 575 393-3386	Fax #:	Address: 11757 Katy FWY Suite 725																					
Project #:	Project Owner: Forty Acres		City: Houston																				
Project Name: EC Hill B #1	State: TX		Zip: 77079																				
Project Location: UL/ K Sec 27 T23S - R37E	Phone #: 806-420-8278																						
Sampler Name: Jerry Heidelberg	Fax #:																						
FOR LAB USE ONLY																							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING														
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH	BTEX 8021						
H241616																							
21	HZ3-Surf	G	1			X					X		3/25/24		X	X	X						
22	HZ3-1'	G	1			X					X		3/25/24		X	X	X						
23	HZ4-Surf	G	1			X					X		3/25/24		X	X	X						
24	HZ4-1'	G	1			X					X		3/25/24		X	X	X						
25	HZ5-Surf	G	1			X					X		3/25/24		X	X	X						
26	HZ5-1'	G	1			X					X		3/25/24		X	X	X						

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Relinquished By:	Date: 3/28/24	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: 10:10		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		Email results to: pm@hungry-horse.com	
			adam@faenergyus.com	
Delivered By: (Circle One)	#140	Sample Condition	CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:	-0.5c	Cool Intact	TO:	
		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
		<input type="checkbox"/> Yes <input type="checkbox"/> No		

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



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

July 16, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: EC HILL B#1

Enclosed are the results of analyses for samples received by the laboratory on 07/09/24 14:07.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/09/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	EC HILL B#1	Sampling Condition:	Cool & Intact
Project Number:	FORTY ACRES	Sample Received By:	Alyssa Parras
Project Location:	UL/K SEC 27 T23S - R37E		

Sample ID: FL1-4' (H244080-01)

BTX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2024	ND	1.94	97.0	2.00	2.89	
Toluene*	<0.050	0.050	07/11/2024	ND	1.97	98.6	2.00	2.63	
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.12	106	2.00	3.04	
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.25	104	6.00	2.85	
Total BTX	<0.300	0.300	07/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	07/10/2024	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	07/10/2024	ND	189	94.4	200	2.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	198	99.2	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 112 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL2-4' (H244080-02)

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	07/11/2024	ND	1.94	97.0	2.00	2.89		
Toluene*	<0.050	0.050	07/11/2024	ND	1.97	98.6	2.00	2.63		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.12	106	2.00	3.04		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.25	104	6.00	2.85		
Total BTEx	<0.300	0.300	07/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	07/10/2024	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	07/10/2024	ND	189	94.4	200	2.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	198	99.2	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL3-4' (H244080-03)

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	07/11/2024	ND	2.03	102	2.00	4.61		
Toluene*	<0.050	0.050	07/11/2024	ND	2.28	114	2.00	3.28		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.49	125	2.00	3.05		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	7.72	129	6.00	2.61		
Total BTEX	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/10/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	189	94.4	200	2.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	198	99.2	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 113 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL4-4' (H244080-04)

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	07/11/2024	ND	2.03	102	2.00	4.61		
Toluene*	<0.050	0.050	07/11/2024	ND	2.28	114	2.00	3.28		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.49	125	2.00	3.05		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	7.72	129	6.00	2.61		
Total BTEX	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/10/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	189	94.4	200	2.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	198	99.2	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 110 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL5-4' (H244080-05)

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	07/11/2024	ND	2.03	102	2.00	4.61	
Toluene*	<0.050	0.050	07/11/2024	ND	2.28	114	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.49	125	2.00	3.05	
Total Xylenes*	<0.150	0.150	07/11/2024	ND	7.72	129	6.00	2.61	
Total BTEX	<0.300	0.300	07/11/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/10/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	189	94.4	200	2.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	198	99.2	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 109 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL6-4' (H244080-06)

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	07/11/2024	ND	2.03	102	2.00	4.61	
Toluene*	<0.050	0.050	07/11/2024	ND	2.28	114	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.49	125	2.00	3.05	
Total Xylenes*	<0.150	0.150	07/11/2024	ND	7.72	129	6.00	2.61	
Total BTEX	<0.300	0.300	07/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

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	07/10/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	189	94.4	200	2.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	198	99.2	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL7-4' (H244080-07)

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	07/11/2024	ND	2.03	102	2.00	4.61		
Toluene*	<0.050	0.050	07/11/2024	ND	2.28	114	2.00	3.28		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.49	125	2.00	3.05		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	7.72	129	6.00	2.61		
Total BTEX	<0.300	0.300	07/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

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	07/10/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	189	94.4	200	2.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	198	99.2	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 103 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL8-4' (H244080-08)

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	07/11/2024	ND	2.03	102	2.00	4.61	
Toluene*	<0.050	0.050	07/11/2024	ND	2.28	114	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.49	125	2.00	3.05	
Total Xylenes*	<0.150	0.150	07/11/2024	ND	7.72	129	6.00	2.61	
Total BTEX	<0.300	0.300	07/11/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/10/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	189	94.4	200	2.23	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	198	99.2	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL9-4' (H244080-09)

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	07/11/2024	ND	2.03	102	2.00	4.61		
Toluene*	<0.050	0.050	07/11/2024	ND	2.28	114	2.00	3.28		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.49	125	2.00	3.05		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	7.72	129	6.00	2.61		
Total BTEX	<0.300	0.300	07/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

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	07/10/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	191	95.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	182	91.0	200	2.62	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 77.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL10-4' (H244080-10)

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	07/11/2024	ND	2.03	102	2.00	4.61	
Toluene*	<0.050	0.050	07/11/2024	ND	2.28	114	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.49	125	2.00	3.05	
Total Xylenes*	<0.150	0.150	07/11/2024	ND	7.72	129	6.00	2.61	
Total BTEX	<0.300	0.300	07/11/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/10/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	191	95.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	182	91.0	200	2.62	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL11-4' (H244080-11)

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	07/11/2024	ND	2.03	102	2.00	4.61	
Toluene*	<0.050	0.050	07/11/2024	ND	2.28	114	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.49	125	2.00	3.05	
Total Xylenes*	<0.150	0.150	07/11/2024	ND	7.72	129	6.00	2.61	
Total BTEX	<0.300	0.300	07/11/2024	ND					

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

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	07/10/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	191	95.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	182	91.0	200	2.62	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL12-4' (H244080-12)

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	07/11/2024	ND	2.03	102	2.00	4.61	
Toluene*	<0.050	0.050	07/11/2024	ND	2.28	114	2.00	3.28	
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.49	125	2.00	3.05	
Total Xylenes*	<0.150	0.150	07/11/2024	ND	7.72	129	6.00	2.61	
Total BTEX	<0.300	0.300	07/11/2024	ND					

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

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	07/10/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	191	95.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	182	91.0	200	2.62	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL13-4' (H244080-13)

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	07/11/2024	ND	2.03	102	2.00	4.61		
Toluene*	<0.050	0.050	07/11/2024	ND	2.28	114	2.00	3.28		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.49	125	2.00	3.05		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	7.72	129	6.00	2.61		
Total BTEX	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/10/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	191	95.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	182	91.0	200	2.62	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL14-4' (H244080-14)

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	07/11/2024	ND	2.03	102	2.00	4.61		
Toluene*	<0.050	0.050	07/11/2024	ND	2.28	114	2.00	3.28		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.49	125	2.00	3.05		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	7.72	129	6.00	2.61		
Total BTEX	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/10/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	191	95.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	182	91.0	200	2.62	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 73.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.3 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL15-4' (H244080-15)

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	07/11/2024	ND	2.03	102	2.00	4.61		
Toluene*	<0.050	0.050	07/11/2024	ND	2.28	114	2.00	3.28		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.49	125	2.00	3.05		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	7.72	129	6.00	2.61		
Total BTEX	<0.300	0.300	07/11/2024	ND						

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

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	07/10/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	191	95.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	182	91.0	200	2.62	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL16-4' (H244080-16)

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	07/11/2024	ND	2.03	102	2.00	4.61		
Toluene*	<0.050	0.050	07/11/2024	ND	2.28	114	2.00	3.28		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.49	125	2.00	3.05		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	7.72	129	6.00	2.61		
Total BTEx	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/10/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	191	95.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	182	91.0	200	2.62	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL17-4' (H244080-17)

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	07/11/2024	ND	2.03	102	2.00	4.61		
Toluene*	<0.050	0.050	07/11/2024	ND	2.28	114	2.00	3.28		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.49	125	2.00	3.05		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	7.72	129	6.00	2.61		
Total BTEX	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/10/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	191	95.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	182	91.0	200	2.62	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 96.4 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL18-4' (H244080-18)

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	07/12/2024	ND	2.09	104	2.00	6.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.25	113	2.00	5.13		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.32	116	2.00	4.20		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.12	119	6.00	3.71		
Total BTEX	<0.300	0.300	07/12/2024	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	07/10/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	191	95.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	182	91.0	200	2.62	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL19-4' (H244080-19)

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	07/12/2024	ND	2.09	104	2.00	6.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.25	113	2.00	5.13		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.32	116	2.00	4.20		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.12	119	6.00	3.71		
Total BTEx	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/10/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	191	95.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	182	91.0	200	2.62	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL20-4' (H244080-20)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2024	ND	2.09	104	2.00	6.22	
Toluene*	<0.050	0.050	07/12/2024	ND	2.25	113	2.00	5.13	
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.32	116	2.00	4.20	
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.12	119	6.00	3.71	
Total BTX	<0.300	0.300	07/12/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	191	95.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	182	91.0	200	2.62	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 93.0 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL21-4' (H244080-21)

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	07/12/2024	ND	2.09	104	2.00	6.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.25	113	2.00	5.13		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.32	116	2.00	4.20		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.12	119	6.00	3.71		
Total BTEX	<0.300	0.300	07/12/2024	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	07/10/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	191	95.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	182	91.0	200	2.62	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL22-4' (H244080-22)

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	07/12/2024	ND	2.09	104	2.00	6.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.25	113	2.00	5.13		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.32	116	2.00	4.20		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.12	119	6.00	3.71		
Total BTEx	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/10/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	191	95.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	182	91.0	200	2.62	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL23-4' (H244080-23)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/11/2024	ND	1.96	97.9	2.00	7.65		
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.3	2.00	8.26		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.05	103	2.00	8.53		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.08	101	6.00	8.99		
Total BTX	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/11/2024	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	07/10/2024	ND	191	95.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	182	91.0	200	2.62	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL24-4' (H244080-24)

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	07/11/2024	ND	1.96	97.9	2.00	7.65		
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.3	2.00	8.26		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.05	103	2.00	8.53		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.08	101	6.00	8.99		
Total BTEx	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/11/2024	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	07/10/2024	ND	191	95.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	182	91.0	200	2.62	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL25-4' (H244080-25)

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	07/11/2024	ND	1.96	97.9	2.00	7.65		
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.3	2.00	8.26		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.05	103	2.00	8.53		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.08	101	6.00	8.99		
Total BTEX	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/10/2024	ND	191	95.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	182	91.0	200	2.62	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL26-4' (H244080-26)

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	07/11/2024	ND	1.96	97.9	2.00	7.65		
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.3	2.00	8.26		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.05	103	2.00	8.53		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.08	101	6.00	8.99		
Total BTEX	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/10/2024	ND	191	95.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	182	91.0	200	2.62	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 100 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL27-4' (H244080-27)

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	07/11/2024	ND	1.96	97.9	2.00	7.65		
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.3	2.00	8.26		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.05	103	2.00	8.53		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.08	101	6.00	8.99		
Total BTEX	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	191	95.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	182	91.0	200	2.62	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL28-4' (H244080-28)

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	07/11/2024	ND	1.96	97.9	2.00	7.65	
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.3	2.00	8.26	
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.05	103	2.00	8.53	
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.08	101	6.00	8.99	
Total BTEX	<0.300	0.300	07/11/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	191	95.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	182	91.0	200	2.62	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL29-4' (H244080-29)

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	07/11/2024	ND	1.96	97.9	2.00	7.65		
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.3	2.00	8.26		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.05	103	2.00	8.53		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.08	101	6.00	8.99		
Total BTEx	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/10/2024	ND	205	102	200	1.41	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	204	102	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL30-4' (H244080-30)

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	07/11/2024	ND	1.96	97.9	2.00	7.65		
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.3	2.00	8.26		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.05	103	2.00	8.53		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.08	101	6.00	8.99		
Total BTEX	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/11/2024	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	07/10/2024	ND	205	102	200	1.41	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	204	102	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL31-4' (H244080-31)

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	07/11/2024	ND	1.96	97.9	2.00	7.65		
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.3	2.00	8.26		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.05	103	2.00	8.53		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.08	101	6.00	8.99		
Total BTEX	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/10/2024	ND	205	102	200	1.41	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	204	102	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL32-4' (H244080-32)

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	07/11/2024	ND	1.96	97.9	2.00	7.65		
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.3	2.00	8.26		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.05	103	2.00	8.53		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.08	101	6.00	8.99		
Total BTEX	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/10/2024	ND	205	102	200	1.41	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	204	102	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 98.1 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL33-4' (H244080-33)

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	07/11/2024	ND	1.96	97.9	2.00	7.65		
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.3	2.00	8.26		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.05	103	2.00	8.53		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.08	101	6.00	8.99		
Total BTEX	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/11/2024	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	07/10/2024	ND	205	102	200	1.41	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	204	102	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL34-4' (H244080-34)

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	07/11/2024	ND	1.96	97.9	2.00	7.65		
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.3	2.00	8.26		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.05	103	2.00	8.53		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.08	101	6.00	8.99		
Total BTEx	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/10/2024	ND	205	102	200	1.41	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	204	102	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	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



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL35-4' (H244080-35)

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	07/11/2024	ND	1.96	97.9	2.00	7.65		
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.3	2.00	8.26		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.05	103	2.00	8.53		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.08	101	6.00	8.99		
Total BTEX	<0.300	0.300	07/11/2024	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	07/11/2024	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	07/10/2024	ND	205	102	200	1.41	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	204	102	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 104 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL36-4' (H244080-36)

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	07/11/2024	ND	1.96	97.9	2.00	7.65		
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.3	2.00	8.26		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.05	103	2.00	8.53		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.08	101	6.00	8.99		
Total BTEx	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/10/2024	ND	205	102	200	1.41	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	204	102	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 105 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL37-4' (H244080-37)

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	07/12/2024	ND	2.09	104	2.00	6.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.25	113	2.00	5.13		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.32	116	2.00	4.20		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.12	119	6.00	3.71		
Total BTEx	<0.300	0.300	07/12/2024	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	16.0	16.0	07/11/2024	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	07/10/2024	ND	205	102	200	1.41	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	204	102	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 115 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL38-4' (H244080-38)

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	07/12/2024	ND	2.09	104	2.00	6.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.25	113	2.00	5.13		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.32	116	2.00	4.20		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.12	119	6.00	3.71		
Total BTEX	<0.300	0.300	07/12/2024	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	07/11/2024	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	07/10/2024	ND	205	102	200	1.41	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	204	102	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 115 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 39-5' (H244080-39)

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	07/12/2024	ND	2.09	104	2.00	6.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.25	113	2.00	5.13		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.32	116	2.00	4.20		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.12	119	6.00	3.71		
Total BTEX	<0.300	0.300	07/12/2024	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	07/11/2024	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	07/10/2024	ND	205	102	200	1.41	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	204	102	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 113 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL40-5' (H244080-40)

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	07/12/2024	ND	2.09	104	2.00	6.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.25	113	2.00	5.13		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.32	116	2.00	4.20		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.12	119	6.00	3.71		
Total BTEX	<0.300	0.300	07/12/2024	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	07/11/2024	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	07/10/2024	ND	205	102	200	1.41	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	204	102	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 113 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL41-5' (H244080-41)

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	07/12/2024	ND	2.09	104	2.00	6.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.25	113	2.00	5.13		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.32	116	2.00	4.20		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.12	119	6.00	3.71		
Total BTEX	<0.300	0.300	07/12/2024	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	07/11/2024	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	07/10/2024	ND	205	102	200	1.41	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	204	102	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL42-5' (H244080-42)

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	07/12/2024	ND	2.09	104	2.00	6.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.25	113	2.00	5.13		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.32	116	2.00	4.20		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.12	119	6.00	3.71		
Total BTEX	<0.300	0.300	07/12/2024	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	07/11/2024	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	07/10/2024	ND	205	102	200	1.41	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	204	102	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	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



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL43-5' (H244080-43)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2024	ND	1.93	96.3	2.00	4.06	
Toluene*	<0.050	0.050	07/11/2024	ND	1.94	97.2	2.00	4.21	
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.08	104	2.00	4.47	
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.13	102	6.00	4.50	
Total BTEX	<0.300	0.300	07/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/15/2024	ND	205	102	200	1.41	
DRO >C10-C28*	<10.0	10.0	07/15/2024	ND	204	102	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	07/15/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL44-5' (H244080-44)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/11/2024	ND	1.93	96.3	2.00	4.06		
Toluene*	<0.050	0.050	07/11/2024	ND	1.94	97.2	2.00	4.21		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.08	104	2.00	4.47		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.13	102	6.00	4.50		
Total BTEX	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/10/2024	ND	205	102	200	1.41	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	204	102	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL45-5' (H244080-45)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/11/2024	ND	1.93	96.3	2.00	4.06		
Toluene*	<0.050	0.050	07/11/2024	ND	1.94	97.2	2.00	4.21		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.08	104	2.00	4.47		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.13	102	6.00	4.50		
Total BTEX	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/10/2024	ND	205	102	200	1.41	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	204	102	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL46-5' (H244080-46)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/11/2024	ND	1.93	96.3	2.00	4.06		
Toluene*	<0.050	0.050	07/11/2024	ND	1.94	97.2	2.00	4.21		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.08	104	2.00	4.47		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.13	102	6.00	4.50		
Total BTEX	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/11/2024	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	07/10/2024	ND	205	102	200	1.41	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	204	102	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	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
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL47-5' (H244080-47)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2024	ND	1.93	96.3	2.00	4.06	
Toluene*	<0.050	0.050	07/11/2024	ND	1.94	97.2	2.00	4.21	
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.08	104	2.00	4.47	
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.13	102	6.00	4.50	
Total BTEX	<0.300	0.300	07/11/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	205	102	200	1.41	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	204	102	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 99.7 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL48-5' (H244080-48)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/11/2024	ND	1.93	96.3	2.00	4.06		
Toluene*	<0.050	0.050	07/11/2024	ND	1.94	97.2	2.00	4.21		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.08	104	2.00	4.47		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.13	102	6.00	4.50		
Total BTEX	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	205	102	200	1.41	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	204	102	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL49-5' (H244080-49)

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	07/11/2024	ND	1.93	96.3	2.00	4.06		
Toluene*	<0.050	0.050	07/11/2024	ND	1.94	97.2	2.00	4.21		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.08	104	2.00	4.47		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.13	102	6.00	4.50		
Total BTEX	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/10/2024	ND	208	104	200	1.38	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	200	99.9	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 120 % 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:

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 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL50-5' (H244080-50)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2024	ND	1.93	96.3	2.00	4.06	
Toluene*	<0.050	0.050	07/11/2024	ND	1.94	97.2	2.00	4.21	
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.08	104	2.00	4.47	
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.13	102	6.00	4.50	
Total BTEX	<0.300	0.300	07/11/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/11/2024	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	07/10/2024	ND	208	104	200	1.38	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	200	99.9	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	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



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL51-5' (H244080-51)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/11/2024	ND	1.93	96.3	2.00	4.06		
Toluene*	<0.050	0.050	07/11/2024	ND	1.94	97.2	2.00	4.21		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.08	104	2.00	4.47		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.13	102	6.00	4.50		
Total BTEX	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/10/2024	ND	208	104	200	1.38	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	200	99.9	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 118 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL52-5' (H244080-52)

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	07/11/2024	ND	1.93	96.3	2.00	4.06		
Toluene*	<0.050	0.050	07/11/2024	ND	1.94	97.2	2.00	4.21		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.08	104	2.00	4.47		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.13	102	6.00	4.50		
Total BTEX	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/10/2024	ND	208	104	200	1.38	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	200	99.9	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL53-5' (H244080-53)

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	07/11/2024	ND	1.93	96.3	2.00	4.06		
Toluene*	<0.050	0.050	07/11/2024	ND	1.94	97.2	2.00	4.21		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.08	104	2.00	4.47		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.13	102	6.00	4.50		
Total BTEx	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/10/2024	ND	208	104	200	1.38	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	200	99.9	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	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
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL54-5' (H244080-54)

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	07/11/2024	ND	1.93	96.3	2.00	4.06		
Toluene*	<0.050	0.050	07/11/2024	ND	1.94	97.2	2.00	4.21		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.08	104	2.00	4.47		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.13	102	6.00	4.50		
Total BTEX	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/10/2024	ND	208	104	200	1.38	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	200	99.9	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 96.1 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL55-5' (H244080-55)

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	07/11/2024	ND	1.93	96.3	2.00	4.06	
Toluene*	<0.050	0.050	07/11/2024	ND	1.94	97.2	2.00	4.21	
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.08	104	2.00	4.47	
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.13	102	6.00	4.50	
Total BTEX	<0.300	0.300	07/11/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/11/2024	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	07/10/2024	ND	208	104	200	1.38	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	200	99.9	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 111 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL56-5' (H244080-56)

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	07/11/2024	ND	1.93	96.3	2.00	4.06	
Toluene*	<0.050	0.050	07/11/2024	ND	1.94	97.2	2.00	4.21	
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.08	104	2.00	4.47	
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.13	102	6.00	4.50	
Total BTEX	<0.300	0.300	07/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/11/2024	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	07/10/2024	ND	208	104	200	1.38	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	200	99.9	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 112 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL57-5' (H244080-57)

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	07/11/2024	ND	1.93	96.3	2.00	4.06		
Toluene*	<0.050	0.050	07/11/2024	ND	1.94	97.2	2.00	4.21		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.08	104	2.00	4.47		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.13	102	6.00	4.50		
Total BTEX	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	208	104	200	1.38	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	200	99.9	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 119 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL58-5' (H244080-58)

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	07/12/2024	ND	2.09	104	2.00	6.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.25	113	2.00	5.13		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.32	116	2.00	4.20		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.12	119	6.00	3.71		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

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	07/11/2024	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	07/11/2024	ND	208	104	200	1.38	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	200	99.9	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL59-5' (H244080-59)

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	07/12/2024	ND	2.09	104	2.00	6.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.25	113	2.00	5.13		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.32	116	2.00	4.20		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.12	119	6.00	3.71		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	208	104	200	1.38	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	200	99.9	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL60-5' (H244080-60)

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	07/12/2024	ND	2.09	104	2.00	6.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.25	113	2.00	5.13		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.32	116	2.00	4.20		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.12	119	6.00	3.71		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/11/2024	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	07/11/2024	ND	208	104	200	1.38	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	200	99.9	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL61-5' (H244080-61)

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	07/12/2024	ND	2.09	104	2.00	6.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.25	113	2.00	5.13		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.32	116	2.00	4.20		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.12	119	6.00	3.71		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	208	104	200	1.38	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	200	99.9	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 115 % 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
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Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL62-5' (H244080-62)

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	07/12/2024	ND	2.09	104	2.00	6.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.25	113	2.00	5.13		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.32	116	2.00	4.20		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.12	119	6.00	3.71		
Total BTEX	<0.300	0.300	07/12/2024	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	07/11/2024	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	07/11/2024	ND	208	104	200	1.38	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	200	99.9	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL63-5' (H244080-63)

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	07/11/2024	ND	1.92	96.1	2.00	3.58		
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.4	2.00	6.03		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.10	105	2.00	10.1		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.24	104	6.00	11.7		
Total BTEx	<0.300	0.300	07/11/2024	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	<16.0	16.0	07/11/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2024	ND	208	104	200	1.38	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	200	99.9	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Analytical Results For:

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 Fax To: (505) 391-4585

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL64-5' (H244080-64)

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	07/11/2024	ND	1.92	96.1	2.00	3.58		
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.4	2.00	6.03		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.10	105	2.00	10.1		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.24	104	6.00	11.7		
Total BTEX	<0.300	0.300	07/11/2024	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	16.0	16.0	07/11/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2024	ND	208	104	200	1.38	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	200	99.9	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 110 % 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
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 Fax To: (505) 391-4585

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL65-5' (H244080-65)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2024	ND	1.92	96.1	2.00	3.58	
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.4	2.00	6.03	
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.10	105	2.00	10.1	
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.24	104	6.00	11.7	
Total BTX	<0.300	0.300	07/11/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/11/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2024	ND	208	104	200	1.38	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	200	99.9	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	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
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 Fax To: (505) 391-4585

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL66-5' (H244080-66)

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	07/11/2024	ND	1.92	96.1	2.00	3.58		
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.4	2.00	6.03		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.10	105	2.00	10.1		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.24	104	6.00	11.7		
Total BTEX	<0.300	0.300	07/11/2024	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	07/11/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2024	ND	208	104	200	1.38	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	200	99.9	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 122 % 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
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 Fax To: (505) 391-4585

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL67-5' (H244080-67)

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	07/11/2024	ND	1.92	96.1	2.00	3.58	
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.4	2.00	6.03	
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.10	105	2.00	10.1	
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.24	104	6.00	11.7	
Total BTEX	<0.300	0.300	07/11/2024	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	07/11/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2024	ND	208	104	200	1.38	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	200	99.9	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL68-5' (H244080-68)

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	07/11/2024	ND	1.92	96.1	2.00	3.58		
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.4	2.00	6.03		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.10	105	2.00	10.1		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.24	104	6.00	11.7		
Total BTEX	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2024	ND	208	104	200	1.38	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	200	99.9	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL69-5' (H244080-69)

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	07/11/2024	ND	1.92	96.1	2.00	3.58		
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.4	2.00	6.03		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.10	105	2.00	10.1		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.24	104	6.00	11.7		
Total BTEX	<0.300	0.300	07/11/2024	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	07/11/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	201	100	200	0.386	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	171	85.7	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 81.9 % 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: 07/09/2024
 Reported: 07/16/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL70-5' (H244080-70)

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	07/11/2024	ND	1.92	96.1	2.00	3.58		
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.4	2.00	6.03		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.10	105	2.00	10.1		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.24	104	6.00	11.7		
Total BTEX	<0.300	0.300	07/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	201	100	200	0.386	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	171	85.7	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Notes and Definitions

BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "C. D. Keene", written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 73 of 79

Company Name: Forty Acres		BILL TO		ANALYSIS REQUEST																			
Project Manager: Daniel Dominguez		P.O. #:																					
Address: PO Box 1058		Company: Forty Acres																					
City: Hobbs	State: NM	Zip: 88241	Attn: Adam Holcomb																				
Phone #: 575 393-3386	Fax #:	Address: 11757 Katy FWY Suite 725																					
Project #:	Project Owner: Forty Acres		City: Houston																				
Project Name: EC Hill B #1	State: TX		Zip: 77079																				
Project Location: UL/ K Sec 27 T23S - R37E	Phone #: 806-420-8278																						
Sampler Name: Jerry Heidelberg	Fax #:																						
FOR LAB USE ONLY		MATRIX		PRESERV.	SAMPLING																		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH	BTEX 8021						
11200000																							
1	FL1-4'	C	1			X				X			7/9/24		X	X	X						
2	FL2-4'	C	1			X				X			7/9/24		X	X	X						
3	FL3-4'	C	1			X				X			7/9/24		X	X	X						
4	FL4-4'	C	1			X				X			7/9/24		X	X	X						
5	FL5-4'	C	1			X				X			7/9/24		X	X	X						
6	FL6-4'	C	1			X				X			7/9/24		X	X	X						
7	FL7-4'	C	1			X				X			7/9/24		X	X	X						
8	FL8-4'	C	1			X				X			7/9/24		X	X	X						
9	FL9-4'	C	1			X				X			7/9/24		X	X	X						
10	FL10-4'	C	1			X				X			7/9/24		X	X	X						

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Relinquished By:	Date: 7-9-24	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
<i>Jerry Heidelberg</i>	Time: 1407	<i>Adam Holcomb</i>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		Email results to: pm@hungry-horse.com	
			adam@faenergyus.com	
Delivered By: (Circle One)	Sample Condition	CHECKED BY: (Initials)		
Sampler - UPS - Bus - Other:	Cool Intact			
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	<input type="checkbox"/> No <input type="checkbox"/> Yes			

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Forty Acres				BILL TO				ANALYSIS REQUEST														
Project Manager: Daniel Dominguez				P.O. #:																		
Address: PO Box 1058				Company: Forty Acres																		
City: Hobbs		State: NM		Zip: 88241		Attn: Adam Holcomb																
Phone #: 575 393-3386		Fax #:		Address: 11757 Katy FWY Suite 725																		
Project #:		Project Owner: Forty Acres		City: Houston																		
Project Name: EC Hill B #1				State: TX Zip: 77079																		
Project Location: UL/ K Sec 27 T23S - R37E				Phone #: 806-420-8278																		
Sampler Name: Jerry Heidelberg				Fax #:																		
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING														
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	Chloride	TPH	BTEX 8021					
H241480																						
11	FL11-4'	C	1			X					X		7/9/24		X	X	X					
12	FL12-4'	C	1			X					X		7/9/24		X	X	X					
13	FL13-4'	C	1			X					X		7/9/24		X	X	X					
14	FL14-4'	C	1			X					X		7/9/24		X	X	X					
15	FL15-4'	C	1			X					X		7/9/24		X	X	X					
16	FL16-4'	C	1			X					X		7/9/24		X	X	X					
17	FL17-4'	C	1			X					X		7/9/24		X	X	X					
18	FL18-4'	C	1			X					X		7/9/24		X	X	X					
19	FL19-4'	C	1			X					X		7/9/24		X	X	X					
20	FL20-4'	C	1			X					X		7/9/24		X	X	X					

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Relinquished By:	Date: 7-9-24	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: 1:40 PM		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		Email results to: pm@hungry-horse.com	
			adam@faenergyus.com	
Delivered By: (Circle One)	0.8°C	Sample Condition	CHECKED BY:	
Sampler - UPS - Bus - Other:	#140	Cool Intact	(Initials)	
		<input type="checkbox"/> Yes <input type="checkbox"/> No	DP	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 76 of 79

Company Name: Forty Acres		BILL TO		ANALYSIS REQUEST																										
Project Manager: Daniel Dominguez		P.O. #:																												
Address: PO Box 1058		Company: Forty Acres																												
City: Hobbs	State: NM	Zip: 88241	Attn: Adam Holcomb																											
Phone #: 575 393-3386	Fax #:	Address: 11757 Katy FWY Suite 725																												
Project #:	Project Owner: Forty Acres	City: Houston																												
Project Name: EC Hill B #1	State: TX		Zip: 77079																											
Project Location: UL/ K Sec 27 T23S - R37E	Phone #: 806-420-8278																													
Sampler Name: Jerry Heidelberg	Fax #:																													
FOR LAB USE ONLY																														
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX				PRESERV.	SAMPLING	Chloride	TPH	BTEX 8021																		
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME																
H240080																														
31	FL31-4'	C	1			X					X		7/9/24		X	X	X													
32	FL32-4'	C	1			X					X		7/9/24		X	X	X													
33	FL33-4'	C	1			X					X		7/9/24		X	X	X													
34	FL34-4'	C	1			X					X		7/9/24		X	X	X													
35	FL35-4'	C	1			X					X		7/9/24		X	X	X													
36	FL36-4'	C	1			X					X		7/9/24		X	X	X													
37	FL37-4'	C	1			X					X		7/9/24		X	X	X													
38	FL38-4'	C	1			X					X		7/9/24		X	X	X													
39	FL39-5'	C	1			X					X		7/9/24		X	X	X													
40	FL40-5'	C	1			X					X		7/9/24		X	X	X													

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Relinquished By: <i>Jerry Heidelberg</i>	Date: 7/9/24	Received By: <i>apauas</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: 1407		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		Email results to: pm@hungry-horse.com	
			adam@faenergyus.com	
Delivered By: (Circle One)	Sample Condition	CHECKED BY: (Initials)		
Sampler - UPS - Bus - Other:	Cool Intact			
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<i>AD</i>		
	<input type="checkbox"/> No <input type="checkbox"/> No			

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 77 of 79

Company Name: Forty Acres		BILL TO		ANALYSIS REQUEST																										
Project Manager: Daniel Dominguez		P.O. #:																												
Address: PO Box 1058		Company: Forty Acres																												
City: Hobbs State: NM Zip: 88241		Attn: Adam Holcomb																												
Phone #: 575 393-3386 Fax #:		Address: 11757 Katy FWY Suite 725																												
Project #: Project Owner: Forty Acres		City: Houston																												
Project Name: EC Hill B #1		State: TX Zip: 77079																												
Project Location: UL/ K Sec 27 T23S - R37E		Phone #: 806-420-8278																												
Sampler Name: Jerry Heidelberg		Fax #:																												
FOR LAB USE ONLY																														
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING		Chloride	TPH	BTEX 8021																	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME																
H244080																														
41	FL41-5'	C	1			X				X			7/9/24		X	X	X													
42	FL42-5'	C	1			X				X			7/9/24		X	X	X													
43	FL43-5'	C	1			X				X			7/9/24		X	X	X													
44	FL44-5'	C	1			X				X			7/9/24		X	X	X													
45	FL45-5'	C	1			X				X			7/9/24		X	X	X													
46	FL46-5'	C	1			X				X			7/9/24		X	X	X													
47	FL47-5'	C	1			X				X			7/9/24		X	X	X													
48	FL48-5'	C	1			X				X			7/9/24		X	X	X													
49	FL49-5'	C	1			X				X			7/9/24		X	X	X													
50	FL50-5'	C	1			X				X			7/9/24		X	X	X													

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Relinquished By:	Date: 7-9-24	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: 1407		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		Email results to: pm@hungry-horse.com	
			adam@faenergyus.com	
Delivered By: (Circle One)	Sample Condition	CHECKED BY:		
Sampler - UPS - Bus - Other:	Cool Intact	(Initials)		
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	AD		
	<input type="checkbox"/> No <input type="checkbox"/> No			

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 78 of 79

Company Name: Forty Acres		BILL TO		ANALYSIS REQUEST																		
Project Manager: Daniel Dominguez		P.O. #:																				
Address: PO Box 1058		Company: Forty Acres																				
City: Hobbs State: NM Zip: 88241		Attn: Adam Holcomb																				
Phone #: 575 393-3386 Fax #:		Address: 11757 Katy FWY Suite 725																				
Project #: Project Owner: Forty Acres		City: Houston																				
Project Name: EC Hill B #1		State: TX Zip: 77079																				
Project Location: UL/ K Sec 27 T23S - R37E		Phone #: 806-420-8278																				
Sampler Name: Jerry Heidelberg		Fax #:																				
FOR LAB USE ONLY																						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX				PRESERV.	SAMPLING													
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	Chloride	TPH	BTEX 8021					
H24480		C	1			X					X		7/9/24		X	X	X					
51	FL51-5'	C	1			X					X		7/9/24		X	X	X					
52	FL52-5'	C	1			X					X		7/9/24		X	X	X					
53	FL53-5'	C	1			X					X		7/9/24		X	X	X					
54	FL54-5'	C	1			X					X		7/9/24		X	X	X					
55	FL55-5'	C	1			X					X		7/9/24		X	X	X					
56	FL56-5'	C	1			X					X		7/9/24		X	X	X					
57	FL57-5'	C	1			X					X		7/9/24		X	X	X					
58	FL58-5'	C	1			X					X		7/9/24		X	X	X					
59	FL59-5'	C	1			X					X		7/9/24		X	X	X					
60	FL60-5'	C	1			X					X		7/9/24		X	X	X					

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Relinquished By:	Date: 7/9/24 Time: 1407	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No			REMARKS: Email results to: pm@hungry-horse.com adam@faenergyus.com
CHECKED BY: (Initials) AD			

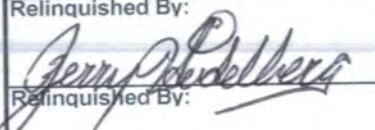
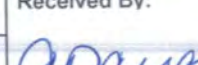
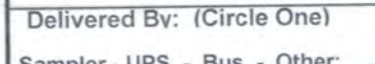
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 79 of 79

Company Name: Forty Acres		P.O. #:		ANALYSIS REQUEST																										
Project Manager: Daniel Dominguez		Company: Forty Acres																												
Address: PO Box 1058		Attn: Adam Holcomb																												
City: Hobbs	State: NM	Zip: 88241	Address: 11757 Katy FWY Suite 725																											
Phone #: 575 393-3386	Fax #:	City: Houston																												
Project #:	Project Owner: Forty Acres	State: TX Zip: 77079																												
Project Name: EC Hill B #1		Phone #: 806-420-8278																												
Project Location: UL/ K Sec 27 T23S - R37E		Fax #:																												
Sampler Name: Jerry Heidelberg																														
FOR LAB USE ONLY																														
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING		Chloride	TPH	BTEX 8021																	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME																
H244080																														
61	FL61-5'	C	1			X					X		7/9/24		X	X	X													
62	FL62-5'	C	1			X					X		7/9/24		X	X	X													
63	FL63-5'	C	1			X					X		7/9/24		X	X	X													
64	FL64-5'	C	1			X					X		7/9/24		X	X	X													
65	FL65-5'	C	1			X					X		7/9/24		X	X	X													
66	FL66-5'	C	1			X					X		7/9/24		X	X	X													
67	FL67-5'	C	1			X					X		7/9/24		X	X	X													
68	FL68-5'	C	1			X					X		7/9/24		X	X	X													
69	FL69-5'	C	1			X					X		7/9/24		X	X	X													
70	FL70-5'	C	1			X					X		7/9/24		X	X	X													
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Relinquished By: 		Date: 7-9-24		Received By: 		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:																								
Relinquished By:		Time: 1407		Received By:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:																								
Relinquished By:		Date:		Received By:		REMARKS:																								
Relinquished By:		Time:		Received By:		Email results to: pm@hungry-horse.com																								
Relinquished By:		Time:		Received By:		adam@faenergyus.com																								
Delivered By: (Circle One)				Sample Condition				CHECKED BY:																						
Sampler - UPS - Bus - Other: 				Cool Intact				(Initials)																						
				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																										
				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																										

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

July 15, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: EC HILL B#1

Enclosed are the results of analyses for samples received by the laboratory on 07/09/24 14:09.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL71-5' (H244081-01)

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	07/11/2024	ND	1.92	96.1	2.00	3.58	
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.4	2.00	6.03	
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.10	105	2.00	10.1	
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.24	104	6.00	11.7	
Total BTEx	<0.300	0.300	07/11/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/11/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2024	ND	201	100	200	0.386	
DRO >C10-C28*	<10.0	10.0	07/10/2024	ND	171	85.7	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	07/10/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL72-5' (H244081-02)

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	07/11/2024	ND	1.92	96.1	2.00	3.58	
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.4	2.00	6.03	
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.10	105	2.00	10.1	
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.24	104	6.00	11.7	
Total BTEX	<0.300	0.300	07/11/2024	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	07/11/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2024	ND	201	100	200	0.386	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	171	85.7	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 97.3 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL73-5' (H244081-03)

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	07/11/2024	ND	1.92	96.1	2.00	3.58	
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.4	2.00	6.03	
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.10	105	2.00	10.1	
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.24	104	6.00	11.7	
Total BTEX	<0.300	0.300	07/11/2024	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	07/11/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2024	ND	201	100	200	0.386	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	171	85.7	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 94.3 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL74-5' (H244081-04)

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	07/11/2024	ND	1.92	96.1	2.00	3.58		
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.4	2.00	6.03		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.10	105	2.00	10.1		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.24	104	6.00	11.7		
Total BTEX	<0.300	0.300	07/11/2024	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	16.0	16.0	07/11/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2024	ND	201	100	200	0.386	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	171	85.7	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 94.6 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL75-5' (H244081-05)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2024	ND	1.92	96.1	2.00	3.58	
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.4	2.00	6.03	
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.10	105	2.00	10.1	
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.24	104	6.00	11.7	
Total BTX	<0.300	0.300	07/11/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/11/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2024	ND	201	100	200	0.386	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	171	85.7	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 93.6 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL76-5' (H244081-06)

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	07/11/2024	ND	1.92	96.1	2.00	3.58		
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.4	2.00	6.03		
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.10	105	2.00	10.1		
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.24	104	6.00	11.7		
Total BTEx	<0.300	0.300	07/11/2024	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	07/11/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2024	ND	201	100	200	0.386	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	171	85.7	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 97.2 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL77-5' (H244081-07)

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	07/11/2024	ND	1.92	96.1	2.00	3.58	
Toluene*	<0.050	0.050	07/11/2024	ND	1.99	99.4	2.00	6.03	
Ethylbenzene*	<0.050	0.050	07/11/2024	ND	2.10	105	2.00	10.1	
Total Xylenes*	<0.150	0.150	07/11/2024	ND	6.24	104	6.00	11.7	
Total BTEX	<0.300	0.300	07/11/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/11/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2024	ND	201	100	200	0.386	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	171	85.7	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 89.9 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL78-5' (H244081-08)

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	07/12/2024	ND	2.09	104	2.00	6.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.25	113	2.00	5.13		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.32	116	2.00	4.20		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.12	119	6.00	3.71		
Total BTEX	<0.300	0.300	07/12/2024	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	07/11/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2024	ND	201	100	200	0.386	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	171	85.7	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 98.3 % 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
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL79-5' (H244081-09)

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	07/12/2024	ND	2.09	104	2.00	6.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.25	113	2.00	5.13		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.32	116	2.00	4.20		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.12	119	6.00	3.71		
Total BTEX	<0.300	0.300	07/12/2024	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	07/11/2024	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	07/11/2024	ND	201	100	200	0.386	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	171	85.7	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 74.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL80-5' (H244081-10)

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	07/12/2024	ND	2.09	104	2.00	6.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.25	113	2.00	5.13		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.32	116	2.00	4.20		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.12	119	6.00	3.71		
Total BTEX	<0.300	0.300	07/12/2024	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	07/11/2024	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	07/11/2024	ND	201	100	200	0.386	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	171	85.7	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL81-5' (H244081-11)

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	07/12/2024	ND	2.09	104	2.00	6.22	
Toluene*	<0.050	0.050	07/12/2024	ND	2.25	113	2.00	5.13	
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.32	116	2.00	4.20	
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.12	119	6.00	3.71	
Total BTEX	<0.300	0.300	07/12/2024	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	07/11/2024	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	07/11/2024	ND	201	100	200	0.386	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	171	85.7	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 83.8 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL82- 5' (H244081-12)

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	07/13/2024	ND	1.94	97.2	2.00	5.83		
Toluene*	<0.050	0.050	07/13/2024	ND	1.87	93.6	2.00	8.82		
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	1.88	94.1	2.00	10.4		
Total Xylenes*	<0.150	0.150	07/13/2024	ND	5.55	92.5	6.00	10.7		
Total BTEX	<0.300	0.300	07/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	201	100	200	0.386	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	171	85.7	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 97.4 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL83-5' (H244081-13)

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	07/12/2024	ND	2.17	109	2.00	3.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.27	113	2.00	5.23		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.42	121	2.00	5.56		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.36	123	6.00	5.54		
Total BTEX	<0.300	0.300	07/12/2024	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	07/11/2024	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	07/11/2024	ND	201	100	200	0.386	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	171	85.7	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL84-5' (H244081-14)

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	07/12/2024	ND	2.17	109	2.00	3.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.27	113	2.00	5.23		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.42	121	2.00	5.56		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.36	123	6.00	5.54		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	201	100	200	0.386	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	171	85.7	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL85-5' (H244081-15)

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	07/12/2024	ND	2.17	109	2.00	3.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.27	113	2.00	5.23		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.42	121	2.00	5.56		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.36	123	6.00	5.54		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	201	100	200	0.386	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	171	85.7	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 95.7 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL86-5' (H244081-16)

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	07/12/2024	ND	2.17	109	2.00	3.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.27	113	2.00	5.23		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.42	121	2.00	5.56		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.36	123	6.00	5.54		
Total BTEX	<0.300	0.300	07/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

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	07/11/2024	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	07/11/2024	ND	201	100	200	0.386	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	171	85.7	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 100 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL87-5' (H244081-17)

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	07/12/2024	ND	2.17	109	2.00	3.22	
Toluene*	<0.050	0.050	07/12/2024	ND	2.27	113	2.00	5.23	
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.42	121	2.00	5.56	
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.36	123	6.00	5.54	
Total BTEX	<0.300	0.300	07/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

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	07/11/2024	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	07/11/2024	ND	201	100	200	0.386	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	171	85.7	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 104 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL88-5' (H244081-18)

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	07/12/2024	ND	2.17	109	2.00	3.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.27	113	2.00	5.23		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.42	121	2.00	5.56		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.36	123	6.00	5.54		
Total BTEX	<0.300	0.300	07/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

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	07/11/2024	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	07/11/2024	ND	201	100	200	0.386	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	171	85.7	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL89-5' (H244081-19)

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	07/12/2024	ND	2.17	109	2.00	3.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.27	113	2.00	5.23		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.42	121	2.00	5.56		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.36	123	6.00	5.54		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	193	96.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	178	89.0	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 70.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL90-5' (H244081-20)

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	07/12/2024	ND	2.17	109	2.00	3.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.27	113	2.00	5.23		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.42	121	2.00	5.56		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.36	123	6.00	5.54		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	193	96.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	178	89.0	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 86.1 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL91-5' (H244081-21)

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	07/12/2024	ND	2.17	109	2.00	3.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.27	113	2.00	5.23		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.42	121	2.00	5.56		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.36	123	6.00	5.54		
Total BTEx	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	193	96.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	178	89.0	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL92-5' (H244081-22)

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	07/12/2024	ND	2.17	109	2.00	3.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.27	113	2.00	5.23		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.42	121	2.00	5.56		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.36	123	6.00	5.54		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	193	96.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	178	89.0	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL93-5' (H244081-23)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2024	ND	2.17	109	2.00	3.22	
Toluene*	<0.050	0.050	07/12/2024	ND	2.27	113	2.00	5.23	
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.42	121	2.00	5.56	
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.36	123	6.00	5.54	
Total BTX	<0.300	0.300	07/12/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	193	96.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	178	89.0	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL94-5' (H244081-24)

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	07/12/2024	ND	2.17	109	2.00	3.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.27	113	2.00	5.23		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.42	121	2.00	5.56		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.36	123	6.00	5.54		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	193	96.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	178	89.0	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL95-5' (H244081-25)

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	07/12/2024	ND	2.17	109	2.00	3.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.27	113	2.00	5.23		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.42	121	2.00	5.56		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.36	123	6.00	5.54		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	193	96.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	178	89.0	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL96-5' (H244081-26)

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	07/12/2024	ND	2.17	109	2.00	3.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.27	113	2.00	5.23		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.42	121	2.00	5.56		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.36	123	6.00	5.54		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	193	96.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	178	89.0	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL97-5' (H244081-27)

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	07/12/2024	ND	2.17	109	2.00	3.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.27	113	2.00	5.23		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.42	121	2.00	5.56		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.36	123	6.00	5.54		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	193	96.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	178	89.0	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL98-5' (H244081-28)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2024	ND	2.17	109	2.00	3.22	
Toluene*	<0.050	0.050	07/12/2024	ND	2.27	113	2.00	5.23	
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.42	121	2.00	5.56	
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.36	123	6.00	5.54	
Total BTX	<0.300	0.300	07/12/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	193	96.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	178	89.0	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL99-5' (H244081-29)

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	07/12/2024	ND	2.17	109	2.00	3.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.27	113	2.00	5.23		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.42	121	2.00	5.56		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.36	123	6.00	5.54		
Total BTEX	<0.300	0.300	07/12/2024	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	07/11/2024	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	07/11/2024	ND	193	96.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	178	89.0	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 76.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL100-5' (H244081-30)

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	07/12/2024	ND	2.17	109	2.00	3.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.27	113	2.00	5.23		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.42	121	2.00	5.56		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.36	123	6.00	5.54		
Total BTEX	<0.300	0.300	07/12/2024	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	07/11/2024	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	07/11/2024	ND	193	96.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	178	89.0	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL101-5' (H244081-31)

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	07/12/2024	ND	2.17	109	2.00	3.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.27	113	2.00	5.23		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.42	121	2.00	5.56		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.36	123	6.00	5.54		
Total BTEX	<0.300	0.300	07/12/2024	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	07/11/2024	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	07/11/2024	ND	193	96.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	178	89.0	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL102-5' (H244081-32)

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	07/12/2024	ND	2.17	109	2.00	3.22		
Toluene*	<0.050	0.050	07/12/2024	ND	2.27	113	2.00	5.23		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.42	121	2.00	5.56		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	7.36	123	6.00	5.54		
Total BTEx	<0.300	0.300	07/12/2024	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	07/11/2024	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	07/11/2024	ND	193	96.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	178	89.0	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL103-5' (H244081-33)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/12/2024	ND	2.05	102	2.00	3.40	QM-07	
Toluene*	<0.050	0.050	07/12/2024	ND	2.04	102	2.00	4.43	QM-07	
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.14	107	2.00	6.18	QM-07	
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.30	105	6.00	6.73	QM-07	
Total BTX	<0.300	0.300	07/12/2024	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	07/11/2024	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	07/11/2024	ND	193	96.7	200	1.49	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	178	89.0	200	3.40	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 76.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL104-5' (H244081-34)

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	07/12/2024	ND	2.05	102	2.00	3.40		
Toluene*	<0.050	0.050	07/12/2024	ND	2.04	102	2.00	4.43		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.14	107	2.00	6.18		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.30	105	6.00	6.73		
Total BTEX	<0.300	0.300	07/12/2024	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	07/11/2024	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	07/12/2024	ND	188	94.1	200	4.08	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	182	90.9	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL105-5' (H244081-35)

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	07/12/2024	ND	2.05	102	2.00	3.40		
Toluene*	<0.050	0.050	07/12/2024	ND	2.04	102	2.00	4.43		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.14	107	2.00	6.18		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.30	105	6.00	6.73		
Total BTEX	<0.300	0.300	07/12/2024	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	<16.0	16.0	07/11/2024	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	07/12/2024	ND	188	94.1	200	4.08	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	182	90.9	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL106-5' (H244081-36)

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	07/12/2024	ND	2.05	102	2.00	3.40		
Toluene*	<0.050	0.050	07/12/2024	ND	2.04	102	2.00	4.43		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.14	107	2.00	6.18		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.30	105	6.00	6.73		
Total BTEX	<0.300	0.300	07/12/2024	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	32.0	16.0	07/11/2024	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	07/12/2024	ND	188	94.1	200	4.08	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	182	90.9	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 107 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL107-5' (H244081-37)

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	07/12/2024	ND	2.05	102	2.00	3.40		
Toluene*	<0.050	0.050	07/12/2024	ND	2.04	102	2.00	4.43		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.14	107	2.00	6.18		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.30	105	6.00	6.73		
Total BTEx	<0.300	0.300	07/12/2024	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	<16.0	16.0	07/11/2024	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	07/12/2024	ND	188	94.1	200	4.08	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	182	90.9	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL108-5' (H244081-38)

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	07/12/2024	ND	2.05	102	2.00	3.40		
Toluene*	<0.050	0.050	07/12/2024	ND	2.04	102	2.00	4.43		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.14	107	2.00	6.18		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.30	105	6.00	6.73		
Total BTEx	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/11/2024	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	07/12/2024	ND	188	94.1	200	4.08	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	182	90.9	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 103 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL109-5' (H244081-39)

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	07/12/2024	ND	2.05	102	2.00	3.40		
Toluene*	<0.050	0.050	07/12/2024	ND	2.04	102	2.00	4.43		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.14	107	2.00	6.18		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.30	105	6.00	6.73		
Total BTEX	<0.300	0.300	07/12/2024	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	07/11/2024	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	07/11/2024	ND	191	95.3	200	2.16	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	197	98.4	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 101 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL110-5' (H244081-40)

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	07/12/2024	ND	2.05	102	2.00	3.40	
Toluene*	<0.050	0.050	07/12/2024	ND	2.04	102	2.00	4.43	
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.14	107	2.00	6.18	
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.30	105	6.00	6.73	
Total BTEX	<0.300	0.300	07/12/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/11/2024	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	07/11/2024	ND	191	95.3	200	2.16	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	197	98.4	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL111-5' (H244081-41)

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	07/12/2024	ND	2.05	102	2.00	3.40		
Toluene*	<0.050	0.050	07/12/2024	ND	2.04	102	2.00	4.43		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.14	107	2.00	6.18		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.30	105	6.00	6.73		
Total BTEx	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	191	95.3	200	2.16	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	197	98.4	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL112-5' (H244081-42)

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	07/12/2024	ND	2.05	102	2.00	3.40		
Toluene*	<0.050	0.050	07/12/2024	ND	2.04	102	2.00	4.43		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.14	107	2.00	6.18		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.30	105	6.00	6.73		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	191	95.3	200	2.16	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	197	98.4	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 108 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL113-5' (H244081-43)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/12/2024	ND	2.05	102	2.00	3.40		
Toluene*	<0.050	0.050	07/12/2024	ND	2.04	102	2.00	4.43		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.14	107	2.00	6.18		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.30	105	6.00	6.73		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	191	95.3	200	2.16	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	197	98.4	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 105 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL114-5' (H244081-44)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/12/2024	ND	2.05	102	2.00	3.40		
Toluene*	<0.050	0.050	07/12/2024	ND	2.04	102	2.00	4.43		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.14	107	2.00	6.18		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.30	105	6.00	6.73		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	191	95.3	200	2.16	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	197	98.4	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 109 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL115-5' (H244081-45)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/12/2024	ND	2.05	102	2.00	3.40		
Toluene*	<0.050	0.050	07/12/2024	ND	2.04	102	2.00	4.43		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.14	107	2.00	6.18		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.30	105	6.00	6.73		
Total BTEX	<0.300	0.300	07/12/2024	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	07/11/2024	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	07/11/2024	ND	191	95.3	200	2.16	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	197	98.4	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 103 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL116-5' (H244081-46)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/12/2024	ND	2.05	102	2.00	3.40		
Toluene*	<0.050	0.050	07/12/2024	ND	2.04	102	2.00	4.43		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.14	107	2.00	6.18		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.30	105	6.00	6.73		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	191	95.3	200	2.16	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	197	98.4	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 104 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL117-5' (H244081-47)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2024	ND	2.05	102	2.00	3.40	
Toluene*	<0.050	0.050	07/12/2024	ND	2.04	102	2.00	4.43	
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.14	107	2.00	6.18	
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.30	105	6.00	6.73	
Total BTEX	<0.300	0.300	07/12/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	191	95.3	200	2.16	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	197	98.4	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 107 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL118-5' (H244081-48)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2024	ND	2.05	102	2.00	3.40	
Toluene*	<0.050	0.050	07/12/2024	ND	2.04	102	2.00	4.43	
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.14	107	2.00	6.18	
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.30	105	6.00	6.73	
Total BTEx	<0.300	0.300	07/12/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	191	95.3	200	2.16	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	197	98.4	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 114 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL119-5' (H244081-49)

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	07/12/2024	ND	2.05	102	2.00	3.40		
Toluene*	<0.050	0.050	07/12/2024	ND	2.04	102	2.00	4.43		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.14	107	2.00	6.18		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.30	105	6.00	6.73		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2024	ND	191	95.3	200	2.16	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	197	98.4	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	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



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Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL120-5' (H244081-50)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/12/2024	ND	2.05	102	2.00	3.40		
Toluene*	<0.050	0.050	07/12/2024	ND	2.04	102	2.00	4.43		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.14	107	2.00	6.18		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.30	105	6.00	6.73		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2024	ND	191	95.3	200	2.16	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	197	98.4	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 108 % 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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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW1 (H244081-51)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/12/2024	ND	2.05	102	2.00	3.40		
Toluene*	<0.050	0.050	07/12/2024	ND	2.04	102	2.00	4.43		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.14	107	2.00	6.18		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.30	105	6.00	6.73		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2024	ND	191	95.3	200	2.16	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	197	98.4	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 98.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW2 (H244081-52)

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	07/12/2024	ND	2.05	102	2.00	3.40	
Toluene*	<0.050	0.050	07/12/2024	ND	2.04	102	2.00	4.43	
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.14	107	2.00	6.18	
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.30	105	6.00	6.73	
Total BTEx	<0.300	0.300	07/12/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/11/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2024	ND	191	95.3	200	2.16	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	197	98.4	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.7 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW3 (H244081-53)

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	07/12/2024	ND	2.00	99.9	2.00	5.31	QM-07	
Toluene*	<0.050	0.050	07/12/2024	ND	2.00	100	2.00	6.19	QM-07	
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.06	103	2.00	7.59	QM-07	
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.12	102	6.00	8.04	QM-07	
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2024	ND	191	95.3	200	2.16	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	197	98.4	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW4 (H244081-54)

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	07/12/2024	ND	2.00	99.9	2.00	5.31		
Toluene*	<0.050	0.050	07/12/2024	ND	2.00	100	2.00	6.19		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.06	103	2.00	7.59		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.12	102	6.00	8.04		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	188	94.1	200	4.08	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	182	90.9	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	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
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW5 (H244081-55)

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	07/12/2024	ND	2.00	99.9	2.00	5.31		
Toluene*	<0.050	0.050	07/12/2024	ND	2.00	100	2.00	6.19		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.06	103	2.00	7.59		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.12	102	6.00	8.04		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	188	94.1	200	4.08	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	182	90.9	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.7 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW6 (H244081-56)

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	07/12/2024	ND	2.00	99.9	2.00	5.31	
Toluene*	<0.050	0.050	07/12/2024	ND	2.00	100	2.00	6.19	
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.06	103	2.00	7.59	
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.12	102	6.00	8.04	
Total BTEX	<0.300	0.300	07/12/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/11/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	188	94.1	200	4.08	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	182	90.9	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 96.0 % 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
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 Fax To: (505) 391-4585

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW7 (H244081-57)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/12/2024	ND	2.00	99.9	2.00	5.31		
Toluene*	<0.050	0.050	07/12/2024	ND	2.00	100	2.00	6.19		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.06	103	2.00	7.59		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.12	102	6.00	8.04		
Total BTX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/11/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	188	94.1	200	4.08	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	182	90.9	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW8 (H244081-58)

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	07/12/2024	ND	2.00	99.9	2.00	5.31		
Toluene*	<0.050	0.050	07/12/2024	ND	2.00	100	2.00	6.19		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.06	103	2.00	7.59		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.12	102	6.00	8.04		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/11/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	188	94.1	200	4.08	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	182	90.9	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW9 (H244081-59)

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	07/12/2024	ND	2.00	99.9	2.00	5.31		
Toluene*	<0.050	0.050	07/12/2024	ND	2.00	100	2.00	6.19		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.06	103	2.00	7.59		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.12	102	6.00	8.04		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2024	ND	199	99.3	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	182	91.0	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW10 (H244081-60)

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	07/12/2024	ND	2.00	99.9	2.00	5.31		
Toluene*	<0.050	0.050	07/12/2024	ND	2.00	100	2.00	6.19		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.06	103	2.00	7.59		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.12	102	6.00	8.04		
Total BTEx	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/11/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2024	ND	199	99.3	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	182	91.0	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW11 (H244081-61)

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	07/12/2024	ND	2.00	99.9	2.00	5.31		
Toluene*	<0.050	0.050	07/12/2024	ND	2.00	100	2.00	6.19		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.06	103	2.00	7.59		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.12	102	6.00	8.04		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2024	ND	199	99.3	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	182	91.0	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 49.1-148

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Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW12 (H244081-62)

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	07/12/2024	ND	2.00	99.9	2.00	5.31		
Toluene*	<0.050	0.050	07/12/2024	ND	2.00	100	2.00	6.19		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.06	103	2.00	7.59		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.12	102	6.00	8.04		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2024	ND	199	99.3	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	182	91.0	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 106 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW13 (H244081-63)

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	07/12/2024	ND	2.00	99.9	2.00	5.31		
Toluene*	<0.050	0.050	07/12/2024	ND	2.00	100	2.00	6.19		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.06	103	2.00	7.59		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.12	102	6.00	8.04		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2024	ND	199	99.3	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	182	91.0	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 96.8 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW14 (H244081-64)

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	07/12/2024	ND	2.00	99.9	2.00	5.31		
Toluene*	<0.050	0.050	07/12/2024	ND	2.00	100	2.00	6.19		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.06	103	2.00	7.59		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.12	102	6.00	8.04		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/11/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2024	ND	199	99.3	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	182	91.0	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW15 (H244081-65)

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	07/12/2024	ND	2.00	99.9	2.00	5.31		
Toluene*	<0.050	0.050	07/12/2024	ND	2.00	100	2.00	6.19		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.06	103	2.00	7.59		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.12	102	6.00	8.04		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2024	ND	199	99.3	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	182	91.0	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW16 (H244081-66)

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	07/12/2024	ND	2.00	99.9	2.00	5.31	
Toluene*	<0.050	0.050	07/12/2024	ND	2.00	100	2.00	6.19	
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.06	103	2.00	7.59	
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.12	102	6.00	8.04	
Total BTEX	<0.300	0.300	07/12/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/11/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2024	ND	199	99.3	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	182	91.0	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 97.8 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW17 (H244081-67)

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	07/12/2024	ND	2.00	99.9	2.00	5.31		
Toluene*	<0.050	0.050	07/12/2024	ND	2.00	100	2.00	6.19		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.06	103	2.00	7.59		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.12	102	6.00	8.04		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2024	ND	199	99.3	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	182	91.0	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.3 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW18 (H244081-68)

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	07/12/2024	ND	2.00	99.9	2.00	5.31		
Toluene*	<0.050	0.050	07/12/2024	ND	2.00	100	2.00	6.19		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.06	103	2.00	7.59		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.12	102	6.00	8.04		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2024	ND	199	99.3	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	182	91.0	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 78.2 % 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
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW19 (H244081-69)

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	07/12/2024	ND	2.00	99.9	2.00	5.31	
Toluene*	<0.050	0.050	07/12/2024	ND	2.00	100	2.00	6.19	
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.06	103	2.00	7.59	
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.12	102	6.00	8.04	
Total BTEX	<0.300	0.300	07/12/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	199	99.3	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	182	91.0	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW20 (H244081-70)

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	07/12/2024	ND	2.00	99.9	2.00	5.31	
Toluene*	<0.050	0.050	07/12/2024	ND	2.00	100	2.00	6.19	
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.06	103	2.00	7.59	
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.12	102	6.00	8.04	
Total BTEX	<0.300	0.300	07/12/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/11/2024	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	07/11/2024	ND	199	99.3	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	182	91.0	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 92.6 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW21 (H244081-71)

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	07/12/2024	ND	2.00	99.9	2.00	5.31		
Toluene*	<0.050	0.050	07/12/2024	ND	2.00	100	2.00	6.19		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.06	103	2.00	7.59		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.12	102	6.00	8.04		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/11/2024	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	07/11/2024	ND	199	99.3	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	182	91.0	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW22 (H244081-72)

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	07/12/2024	ND	2.00	99.9	2.00	5.31		
Toluene*	<0.050	0.050	07/12/2024	ND	2.00	100	2.00	6.19		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.06	103	2.00	7.59		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.12	102	6.00	8.04		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/11/2024	ND	199	99.3	200	2.12	
DRO >C10-C28*	<10.0	10.0	07/11/2024	ND	182	91.0	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	07/11/2024	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW23 (H244081-73)

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	07/12/2024	ND	1.97	98.6	2.00	4.90		
Toluene*	<0.050	0.050	07/12/2024	ND	1.97	98.6	2.00	5.21		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.11	106	2.00	5.25		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.21	103	6.00	5.29		
Total BTEX	<0.300	0.300	07/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/12/2024	ND	188	94.1	200	4.08	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	182	90.9	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	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



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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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW24 (H244081-74)

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	07/12/2024	ND	1.97	98.6	2.00	4.90		
Toluene*	<0.050	0.050	07/12/2024	ND	1.97	98.6	2.00	5.21		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.11	106	2.00	5.25		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.21	103	6.00	5.29		
Total BTEX	<0.300	0.300	07/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/12/2024	ND	188	94.1	200	4.08	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	182	90.9	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	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



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW25 (H244081-75)

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	07/12/2024	ND	1.97	98.6	2.00	4.90	
Toluene*	<0.050	0.050	07/12/2024	ND	1.97	98.6	2.00	5.21	
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.11	106	2.00	5.25	
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.21	103	6.00	5.29	
Total BTEX	<0.300	0.300	07/12/2024	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	16.0	16.0	07/11/2024	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	07/12/2024	ND	188	94.1	200	4.08	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	182	90.9	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 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: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW26 (H244081-76)

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	07/12/2024	ND	1.97	98.6	2.00	4.90		
Toluene*	<0.050	0.050	07/12/2024	ND	1.97	98.6	2.00	5.21		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.11	106	2.00	5.25		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.21	103	6.00	5.29		
Total BTEx	<0.300	0.300	07/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	<16.0	16.0	07/11/2024	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	07/12/2024	ND	188	94.1	200	4.08	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	182	90.9	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW27 (H244081-77)

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	07/12/2024	ND	1.97	98.6	2.00	4.90		
Toluene*	<0.050	0.050	07/12/2024	ND	1.97	98.6	2.00	5.21		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.11	106	2.00	5.25		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.21	103	6.00	5.29		
Total BTEX	<0.300	0.300	07/12/2024	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	<16.0	16.0	07/11/2024	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	07/12/2024	ND	188	94.1	200	4.08	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	182	90.9	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/09/2024
 Reported: 07/15/2024
 Project Name: EC HILL B#1
 Project Number: FORTY ACRES
 Project Location: UL/K SEC 27 T23S - R37E

Sampling Date: 07/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW28 (H244081-78)

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	07/12/2024	ND	1.97	98.6	2.00	4.90		
Toluene*	<0.050	0.050	07/12/2024	ND	1.97	98.6	2.00	5.21		
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.11	106	2.00	5.25		
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.21	103	6.00	5.29		
Total BTEX	<0.300	0.300	07/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/11/2024	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	07/12/2024	ND	188	94.1	200	4.08	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	182	90.9	200	6.27	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 95.2 % 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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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Forty Acres		BILL TO		ANALYSIS REQUEST																			
Project Manager: Daniel Dominguez		P.O. #:		<div style="display: flex; flex-direction: column; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX 8021</div> </div>																			
Address: PO Box 1058		Company: Forty Acres																					
City: Hobbs	State: NM	Zip: 88241	Attn: Adam Holcomb																				
Phone #: 575 393-3386	Fax #:	Address: 11757 Katy FWY Suite 725																					
Project #:	Project Owner: Forty Acres		City: Houston																				
Project Name: EC Hill B #1		State: TX	Zip: 77079																				
Project Location: UL/ K Sec 27 T23S - R37E		Phone #: 806-420-8278																					
Sampler Name: Jerry Heidelberg		Fax #:																					
FOR LAB USE ONLY		MATRIX		PRESERV.	SAMPLING																		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME	Chloride	TPH	BTEX 8021						
H200081																							
11	FL81-5'	C	1			X					X		7/9/24		X	X	X						
12	FL82-5'	C	1			X					X		7/9/24		X	X	X						
13	FL83-5'	C	1			X					X		7/9/24		X	X	X						
14	FL84-5'	C	1			X					X		7/9/24		X	X	X						
15	FL85-5'	C	1			X					X		7/9/24		X	X	X						
16	FL86-5'	C	1			X					X		7/9/24		X	X	X						
17	FL87-5'	C	1			X					X		7/9/24		X	X	X						
18	FL88-5'	C	1			X					X		7/9/24		X	X	X						
19	FL89-5'	C	1			X					X		7/9/24		X	X	X						
20	FL90-5'	C	1			X					X		7/9/24		X	X	X						

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Relinquished By:	Date: 7/9/24 Time: 1409	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 0.8c #140			REMARKS: Email results to: pm@hungry-horse.com adam@faenergyus.com	
Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		CHECKED BY:		

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Forty Acres		BILL TO		ANALYSIS REQUEST																				
Project Manager: Daniel Dominguez		P.O. #:																						
Address: PO Box 1058		Company: Forty Acres																						
City: Hobbs	State: NM	Zip: 88241	Attn: Adam Holcomb																					
Phone #: 575 393-3386	Fax #:	Address: 11757 Katy FWY Suite 725																						
Project #:	Project Owner: Forty Acres		City: Houston																					
Project Name: EC Hill B #1		State: TX		Zip: 77079																				
Project Location: UL/ K Sec 27 T23S - R37E		Phone #: 806-420-8278																						
Sampler Name: Jerry Heidelberg		Fax #:																						
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	Chloride	TPH	BTEX 8021							
124408																								
21	FL91-5'	C	1			X				X			7/9/24		X	X	X							
22	FL92-5'	C	1			X				X			7/9/24		X	X	X							
23	FL93-5'	C	1			X				X			7/9/24		X	X	X							
24	FL94-5'	C	1			X				X			7/9/24		X	X	X							
25	FL95-5'	C	1			X				X			7/9/24		X	X	X							
26	FL96-5'	C	1			X				X			7/9/24		X	X	X							
27	FL97-5'	C	1			X				X			7/9/24		X	X	X							
28	FL98-5'	C	1			X				X			7/9/24		X	X	X							
29	FL99-5'	C	1			X				X			7/9/24		X	X	X							
30	FL100-5'	C	1			X				X			7/9/24		X	X	X							

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Relinquished By:	Date: 7/9/24	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Time: 1409	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) 0.8: #140			REMARKS:	
Sampler - UPS - Bus - Other:			Email results to: pm@hungry-horse.com adam@faenergyus.com	
Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) 		

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 84 of 88

Company Name: Forty Acres		BILL TO				ANALYSIS REQUEST																		
Project Manager: Daniel Dominguez		P.O. #:																						
Address: PO Box 1058		Company: Forty Acres																						
City: Hobbs	State: NM	Zip: 88241	Attn: Adam Holcomb																					
Phone #: 575 393-3386	Fax #:	Address: 11757 Katy FWY Suite 725																						
Project #:	Project Owner: Forty Acres		City: Houston																					
Project Name: EC Hill B #1		State: TX				Zip: 77079																		
Project Location: UL/ K Sec 27 T23S - R37E		Phone #: 806-420-8278																						
Sampler Name: Jerry Heidelberg		Fax #:																						
FOR LAB USE ONLY																								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING															
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH	BTEX 8021							
H244081																								
31	FL101-5'	C	1			X					X		7/9/24		X	X	X							
32	FL102-5'	C	1			X					X		7/9/24		X	X	X							
33	FL103-5'	C	1			X					X		7/9/24		X	X	X							
34	FL104-5'	C	1			X					X		7/9/24		X	X	X							
35	FL105-5'	C	1			X					X		7/9/24		X	X	X							
36	FL106-5'	C	1			X					X		7/9/24		X	X	X							
37	FL107-5'	C	1			X					X		7/9/24		X	X	X							
38	FL108-5'	C	1			X					X		7/9/24		X	X	X							
39	FL109-5'	C	1			X					X		7/9/24		X	X	X							
40	FL110-5'	C	1			X					X		7/9/24		X	X	X							

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Relinquished By:	Date: 7-9-24 Time: 1409	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)	Time:	Sample Condition	REMARKS:	
Sampler - UPS - Bus - Other: 0.8z #140		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Email results to: pm@hungry-horse.com adam@faenergyus.com	
		CHECKED BY: (Initials)		

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 86 of 88

Company Name: Forty Acres		BILL TO		ANALYSIS REQUEST																
Project Manager: Daniel Dominguez		P.O. #:																		
Address: PO Box 1058		Company: Forty Acres																		
City: Hobbs	State: NM	Zip: 88241	Attn: Adam Holcomb																	
Phone #: 575 393-3386	Fax #:	Address: 11757 Katy FWY Suite 725																		
Project #:	Project Owner: Forty Acres		City: Houston																	
Project Name: EC Hill B #1		State: TX	Zip: 77079																	
Project Location: UL/ K Sec 27 T23S - R37E		Phone #: 806-420-8278																		
Sampler Name: Jerry Heidelberg		Fax #:																		
FOR LAB USE ONLY																				
Lab I.D.	Sample I.D.	(G/RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING											
		GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME	Chloride	TPH	BTEX 8021					
H244081																				
51	SW1	C	1		X				X		7/9/24		X	X	X					
52	SW2	C	1		X				X		7/9/24		X	X	X					
53	SW3	C	1		X				X		7/9/24		X	X	X					
54	SW4	C	1		X				X		7/9/24		X	X	X					
55	SW5	C	1		X				X		7/9/24		X	X	X					
56	SW6	C	1		X				X		7/9/24		X	X	X					
57	SW7	C	1		X				X		7/9/24		X	X	X					
58	SW8	C	1		X				X		7/9/24		X	X	X					
59	SW9	C	1		X				X		7/9/24		X	X	X					
60	SW10	C	1		X				X		7/9/24		X	X	X					

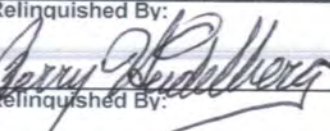
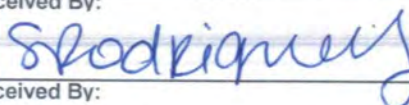
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Time: 1409			Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
Time:			Email results to: pm@hungry-horse.com adam@faenergyus.com	
Delivered By: (Circle One)	Sample Condition	CHECKED BY:		
Sampler - UPS - Bus - Other: 0.8- #140	Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No	(Initials) SR		

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						WASTEWATER																							
						SOIL																							
						OIL																							
						SLUDGE																							
						OTHER :																							
						ACID/BASE:																							
						ICE / COOL																							
						OTHER :																							
						DATE																							
						TIME																							
						Chloride																							
						TPH																							
						BTEX 8021																							
H244081																													
L1		SW11		C 1		X		X		7/9/24		X		X		X													
L2		SW12		C 1		X		X		7/9/24		X		X		X													
L3		SW13		C 1		X		X		7/9/24		X		X		X													
L4		SW14		C 1		X		X		7/9/24		X		X		X													
L5		SW15		C 1		X		X		7/9/24		X		X		X													
L6		SW16		C 1		X		X		7/9/24		X		X		X													
L7		SW17		C 1		X		X		7/9/24		X		X		X													
L8		SW18		C 1		X		X		7/9/24		X		X		X													
L9		SW19		C 1		X		X		7/9/24		X		X		X													
L10		SW20		C 1		X		X		7/9/24		X		X		X													
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Delivered By: (Circle One) 0.8 - #140				Sample Condition				CHECKED BY: (Initials)				adam@faenergyus.com																	
Sampler - UPS - Bus - Other:				Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/>				8K																					
				Yes <input type="checkbox"/> No <input type="checkbox"/>																									

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Page 88 of 88

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11244081																						
71	SW21	C	1			X				X			7/9/24		X	X	X					
72	SW22	C	1			X				X			7/9/24		X	X	X					
73	SW23	C	1			X				X			7/9/24		X	X	X					
74	SW24	C	1			X				X			7/9/24		X	X	X					
75	SW25	C	1			X				X			7/9/24		X	X	X					
76	SW26	C	1			X				X			7/9/24		X	X	X					
77	SW27	C	1			X				X			7/9/24		X	X	X					
78	SW28	C	1			X				X			7/9/24		X	X	X					

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Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:
Delivered By: (Circle One)		Sample Condition	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other:	0.82 #140	Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	
			REMARKS: Email results to: pm@hungry-horse.com adam@faenergyus.com

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QUESTIONS

Action 391336

QUESTIONS

Operator: FAE II Operating LLC 11757 Katy Freeway, Suite 725 Houston, TX 77079	OGRID: 329326
	Action Number: 391336
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2336333754
Incident Name	NAPP2336333754 E C HILL B #001 @ 30-025-10850
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-10850] E C HILL B #001

Location of Release Source*Please answer all the questions in this group.*

Site Name	E C HILL B #001
Date Release Discovered	12/22/2023
Surface Owner	Private

Incident Details*Please answer all the questions in this group.*

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

Nature and Volume of Release*Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion Producing Well Produced Water Released: 35 BBL Recovered: 15 BBL Lost: 20 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)	This release was due to the wellhead leaking. The wellhead has been fixed and is no longer leaking.

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QUESTIONS, Page 2

Action 391336

QUESTIONS (continued)

Operator: FAE II Operating LLC 11757 Katy Freeway, Suite 725 Houston, TX 77079	OGRID: 329326
	Action Number: 391336
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Alexis Bolanos Title: Production & Regulatory Analyst Email: alex@faenergyus.com Date: 01/09/2024
--	--

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QUESTIONS, Page 3

Action 391336

QUESTIONS (continued)

Operator: FAE II Operating LLC 11757 Katy Freeway, Suite 725 Houston, TX 77079	OGRID: 329326
	Action Number: 391336
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
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)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	49600
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	2579
GRO+DRO (EPA SW-846 Method 8015M)	2167
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	05/21/2024
On what date will (or did) the final sampling or liner inspection occur	07/09/2024
On what date will (or was) the remediation complete(d)	07/09/2024
What is the estimated surface area (in square feet) that will be reclaimed	23000
What is the estimated volume (in cubic yards) that will be reclaimed	4800
What is the estimated surface area (in square feet) that will be remediated	23000
What is the estimated volume (in cubic yards) that will be remediated	4800
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 391336

QUESTIONS (continued)

Operator: FAE II Operating LLC 11757 Katy Freeway, Suite 725 Houston, TX 77079	OGRID: 329326
	Action Number: 391336
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	R360 ARTESIA LLC LANDFARM [EEM0112340644]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Alexis Bolanos Title: Production & Regulatory Analyst Email: alex@faenergyus.com Date: 10/10/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 391336

QUESTIONS (continued)

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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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 391336

QUESTIONS (continued)

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	Action Number: 391336
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	360970
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/09/2024
What was the (estimated) number of samples that were to be gathered	148
What was the sampling surface area in square feet	24000

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	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	23000
What was the total volume (cubic yards) remediated	4800
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	23000
What was the total volume (in cubic yards) reclaimed	4800
Summarize any additional remediation activities not included by answers (above)	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, FAE II Operating, LLC respectfully requests closure of the EC Hill B #1 location, nAPP2336333754.
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Alexis Bolanos Title: Production & Regulatory Analyst Email: alex@faenergyus.com Date: 10/10/2024

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 7

Action 391336

QUESTIONS (continued)

Operator: FAE II Operating LLC 11757 Katy Freeway, Suite 725 Houston, TX 77079	OGRID: 329326
	Action Number: 391336
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 391336

CONDITIONS

Operator: FAE II Operating LLC 11757 Katy Freeway, Suite 725 Houston, TX 77079	OGRID: 329326
	Action Number: 391336
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvez	None	2/7/2025