

Remediation Summary and Closure Request

Frontier Field Services, LLC
Caviness 6"
Lea County, New Mexico
Unit Letter "H", Section 11, Township 18 South, Range 33 East
Latitude 32.762638 North, Longitude 103.628168 West
NMOCD Incident # nAPP2229930371

Prepared For:

Frontier Field Services, LLC 47 Conoco Rd Maljamar, NM 88264

Prepared By:

Hungry Horse, LLC 4024 Plains Hwy Lovington, NM 88260

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March 2023

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Facility ID		
Application ID		

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release?	undetermined(ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No
Did the release impact areas not on an exploration, development, production, or storage site?	⊠ Yes □ No
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil
Characterization Report Checklist: Each of the following items must be included in the report.	

Characterization Report Checklist: Each of the following items must be included in the report.
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
☐ Field data
Data table of soil contaminant concentration data
Depth to water determination
Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
Boring or excavation logs
Photographs including date and GIS information
☐ Topographic/Aerial maps
☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Received by OCD: 3/16/2023 12:40:23 PM Form C-141 State of New Mexico Oil Conservation Division Page 4

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I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release not public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a thr addition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	occiding of the contractive actions for releases which may endanger occident of the operator of liability should their operations have the groundwater, surface water, human health or the environment. In
Printed Name: Amber Groves	Title: Remediation Specialist
Signature: MDV (MC)	Date:3/16/2023
email: <u>agroves@durangomidstream.com</u>	Telephone: <u>575-703-7992</u>
OCD Only Received by: Jocelyn Harimon	Date: 03/16/2023

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Remediation Plan

Remediation Plan Checklist: Each of the following items must be inclu	ded in the plan.			
 Detailed description of proposed remediation technique Scaled sitemap with GPS coordinates showing delineation points Estimated volume of material to be remediated Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required) 				
Deferral Requests Only: Each of the following items must be confirmed	l as part of any request for deferral of remediation.			
Contamination must be in areas immediately under or around producti deconstruction.	on equipment where remediation could cause a major facility			
Extents of contamination must be fully delineated.				
Contamination does not cause an imminent risk to human health, the e	nvironment, or groundwater.			
I hereby certify that the information given above is true and complete to the rules and regulations all operators are required to report and/or file certain which may endanger public health or the environment. The acceptance of liability should their operations have failed to adequately investigate and resurface water, human health or the environment. In addition, OCD acceptaresponsibility for compliance with any other federal, state, or local laws and	release notifications and perform corrective actions for releases a C-141 report by the OCD does not relieve the operator of emediate contamination that pose a threat to groundwater, ance of a C-141 report does not relieve the operator of			
Printed Name: Amber Groves Titl	e: Remediation Specialist			
Signature: Date	e: <u>3/16/2023</u>			
email: <u>agroves@durangomidstream.com</u> Tel	ephone: _575-703-7992			
OCD Only				
Received by: Jocelyn Harimon Date	03/16/2023			
☐ Approved ☐ Approved with Attached Conditions of Appro	val Denied Deferral Approved			
Signature: Date: _				

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Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: Each of the following is	tems must be included in the closure report.		
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office		
☐ Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)		
□ Description of remediation activities			
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rer human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification to the O	ntions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in		
OCD Only			
Received by:Jocelyn Harimon	Date: 03/16/2023		
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.		
Closure Approved by:	Date:04/20/2023		
Printed Name: Jennifer Nobui	Title: Environmental Specialist A		

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 H (SE/NE), Section 11, Township 18 South, Range 33 East, approximately ten miles southeast of Maljamar, in Lea County, New Mexico. The property is privately owned. Topographic Map, OSE POD Locations Map, and USGS Well Locations Map are included as Figure 1, Figure 2, and Figure 3, respectively.

The release occurred on an active pipeline; Latitude 32.762638 North, Longitude 103.628168 West. The Initial NMOCD Form C-141 indicated that on October 24, 2022 approximately 12 bbls of condensate and 40.47 Mcf of natural gas were released due to internal and external corrosion on bottom of pipeline. A crew was dispatched to the release site and the line was repaired. No fluid was recovered. Previously submitted pages of the NMOCD Form C-141 are available on the NMOCD Imaging System. NMOCD Form Initial C-141 is also included as Attachment VII.

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 not located in a Karst designated area. Karst and Wetland Maps are provided as Attachment I. Depth to groundwater information is provided as Attachment IV and the results are depicted on Figures 2 & 3.

Two water wells were located within a half mile of the release area with water data logged at less than twenty-five years old, logged in December 2014. Well CP 00072 POD5 and POD6 have depth to water listed at sixty-four and sixty-one feet bgs, respectively. Utilizing this information, the NMOCD Closure Criteria for the Site were determined as follows:

Depth to Groundwater	Constituent	Method	Limit
	Chloride	EPA 300.0 or SM4500 CLB	10,000 mg/kg
	TPH (GRO + DRO + MRO)	EPA SW-846 Method 8015M Ext	2,500 mg/kg
51' - 100'	GRO + DRO	EPA SW-846 Method 8015M Ext	1,000 mg/kg
	BTEX	EPA SW-846 Methods 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Methods 8021B or 8260B	10 mg/kg



Delineation and Remediation Activities:

On October 28, 2022, Hungry Horse conducted an initial site assessment consisting of photographing and mapping the release area. On October 28 and 31, and November 3 and 4, 2022, the release area was sampled. During the sampling events, sample test trenches were advanced within the release area in an effort to determine the vertical extent of contamination. These sample locations are identified by SP designation. In addition, sample test trenches were advanced along the outside edges of the release area in an effort to determine the horizontal extent of contamination. These sample locations are identified by HZ designation. During the advancement of the test trenches, soil samples were collected and field screened for the presence of chloride concentrations utilizing a Hanna® instruments DIST® 4 EC tester.

Based on field observations and field test data noted above and provided in Attachment V, forty representative soil samples, two from each sample location, were selected for laboratory analysis. Delineation soil samples SP1 through SP10, HZ1 through HZ10, 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 SP10 at Surface, SP1 at eight feet, SP5 at four feet, SP6 at four feet, SP7 at four feet, SP8 at four feet, and SP9 at four feet bgs, which exhibited TPH concentrations in excess of the NMOCD Closure Criteria.

From November 7-14, 2022, the release area was excavated to approximately three feet bgs. Soil impacted above the NMOCD Closure Criteria was excavated and temporarily stockpiled on site, atop plastic, before transport to an NMOCD approved disposal facility.

On November 14, 2022, the areas characterized by sample locations SP1 at eight feet, SP5 at four feet, SP6 at four feet, SP7 at four feet, SP8 at four feet, and SP9 at four feet, were sampled. Soil samples SP1 at ten feet bgs, SP5, SP6, SP7, SP8, and SP9, each sampled at four and half feet bgs, 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 SP5 and SP7 at four and half feet bgs, which exhibited TPH concentrations in excess of the NMOCD Closure Criteria.

On November 21, 2022, the areas characterized by sample locations SP5 and SP7 at four and half feet bgs were further excavated and sampled. Soil samples SP5 and SP7, both sampled at five feet bgs, 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 three hundred sixty feet in length, five to twentyone feet in width, and four and half to ten feet in depth. During remediation activities



approximately 948 cubic yards of impacted soil were excavated and hauled to an NMOCD approved disposal facility. Manifests can be provided upon request.

On November 23, 2022, forty-three composite confirmation soil samples were collected from the excavation floor and sidewalls, every 200 square feet and every 50 linear feet, respectively. Soil samples FL1 through FL27 and SW1 through SW16, 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 FL7, FL8, and FL12 each at four feet, SW8, SW10, SW12, and SW16 each at two feet, which exhibited TPH concentrations in excess of the NMOCD Closure Criteria.

On December 2, 2022, the areas in excess of NMOCD Closure Criteria were further excavated and sampled. Soil samples FL7b, FL8b, and FL12b each at four and half feet, SW8b, SW10b, SW12b, and SW16b each at two feet, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

On January 23, 2023, the NMCOD was contacted and a ninety-day extension was requested due to delays in receiving backfill permission from the landowner. On January 23, 2023, the NMOCD approved a ninety-day extension, moving the completion date to April 24, 2023. NMOCD correspondence is provided in Attachment II.

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

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 material. The area was contoured to achieve erosion control and preserve surface water flow. The affected area will be reseeded with an approved seed mixture during the first favorable growing season following these completed remediation activities.

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, Frontier Field Services, LLC respectfully requests closure of the Caviness 6" location, nAPP2229930971.

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:

Frontier Field Services, LLC 47 Conoco Rd. Maljamar, NM 88264

New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division, District 2 811 S. First St. Artesia, NM 88210

Figures



OSE POD Locations Map Frontier Field Services, LLC Caviness 6" GPS: 32.76265, -103.62815 Lea County

- Caviness 6" Location
- Active OSE Water Well

Drafted: dd Checked: bw Date: 11/7/22





USGS Well Locations Map Frontier Field Services, LLC Caviness 6" GPS: 32.76265, -103.62815

Lea County

Legend:

Caviness 6" Location

Drafted: dd Checked: bw Date: 11/7/22







GPS: 32.76265, -103.62815 Lea County

Caviness 6"

FL1 Composite Confirmation Sample Location

Drafted: dd Checked: bw 12/2/22 Date:

Table

TABLE 1

Summary of Soil Sample Laboratory Analytical Results Frontier Field Services, LLC Caviness 6"

NMOCD Ref. #: nAPP2229930971

NMOCD Ref. #: nAPP2229930971											
Sample ID		Depth		Benzene	BTEX	GRO	DRO	GRO + DRO	ORO	ТРН	Chloride
	Date	(ft)	Soil Status	(mg/kg)	(mg/kg)	C ₆ -C ₁₀	C ₁₀ -C ₂₈	C ₆ -C ₂₈	C ₂₈ -C ₃₆	C ₆ -C ₃₆	(mg/kg)
						(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
SP1	10/28/22	Surf	Excavated	20.2	324	2,480	4,210	6,690	527	7,217	16.0
	11/4/22	8	Excavated	34.3	279	1,230	541	1,771	<10.0	1,771	32.0
	11/14/22	10	In-Situ	<0.050	<0.300	<10.0	17.1	<20.0	<10.0	<30.0	64.0
SP2	10/28/22	Surf	Excavated	18.9	195	757	1,390	2,147	249	2,396	528
	11/4/22	4	In-Situ	0.081	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SP3	10/28/22	Surf	Excavated	2.26	154	2,310	13,200	15,510	2,060	17,570	80.0
	11/4/22	4	In-Situ	<0.050	<0.300	<10.0	21.8	21.8	<10.0	<30.0	16.0
SP4	10/28/22	Surf	Excavated	<0.050	257	2,500	9,360	11,860	1,420	13,280	16.0
354	11/4/22	4	In-Situ	<0.050	<0.300	<10.0	28.8	28.8	<10.0	<30.0	16.0
	10/28/22	Surf	Excavated	<0.200	103	1,000	9,600	10,600	1,580	12,180	<16.0
CDE	11/4/22	4	Excavated	<0.050	0.408	<10.0	230	230	52.9	282.9	16.0
SP5	11/14/22	4.5	Excavated	<0.050	<0.300	<10.0	102	102	20.9	122.9	48.0
	11/21/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	10/28/22	Surf	Excavated	<0.200	65.3	970	11,100	12,070	1,880	13,950	<16.0
SP6	11/4/22	4	Excavated	<0.050	1.69	13.7	913	926.7	172	1,098.7	80.0
	11/14/22	4.5	In-Situ	<0.050	<0.300	<10.0	25.4	25.4	<10.0	<30.0	48.0
	10/28/22	Surf	Excavated	<0.500	203	1,910	11,700	13,610	1,950	15,560	<16.0
	11/4/22	4	Excavated	<0.050	1.03	22.7	945	967.7	184	1,151.7	16.0
SP7	11/14/22	4.5	Excavated	<0.050	<0.300	<10.0	242	242	46.2	288.2	48.0
	11/21/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	10/28/22	Surf	Excavated	17.0	403	3,160	13,100	16,260	2,280	18,540	<16.0
SP8	11/4/22	4	Excavated	<0.050	0.741	13.4	621	634.4	121	755.4	16.0
	11/14/22	4.5	In-Situ	<0.050	<0.300	<10.0	52.2	52.2	13.7	65.9	48.0
	10/28/22	Surf	Excavated	16.4	326	2,660	14,900	17,560	2,650	20,210	16.0
SP9	11/4/22	4	Excavated	<0.050	<0.300	<10.0	68.4	68.4	28.5	96.9	16.0
	11/14/22	4.5	In-Situ	<0.050	<0.300	<10.0	18.6	<20.0	<10.0	<30.0	32.0
	10/28/22	Surf	Excavated	<0.050	4.42	65.7	2,290	2,356	508	2,864	<16.0
SP10	11/4/22	4	In-Situ	<0.050	<0.300	<10.0	12.0	<20.0	<10.0	<30.0	48.0
	10/28/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ1		1	In-Situ					<20.0			
	10/28/22			<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ2	10/28/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0		<10.0	<30.0	<16.0
	<u> </u>	1 Curf	In-Situ		<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ3	10/28/22			<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	10/28/22	1 Curf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
HZ4	10/28/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	10/28/22	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
HZ5	10/28/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	10/28/22	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ6	10/28/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	10/28/22	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ7	10/28/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	10/28/22	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
HZ8	10/28/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
0	10/28/22	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ9	10/28/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	10/28/22	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
HZ10	10/28/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
11210	10/28/22	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NMOCD (Closure Crite	ria		10	50	-	-	1,000	-	2,500	10,000

NOTES

TABLE 1

Summary of Soil Sample Laboratory Analytical Results Frontier Field Services, LLC Caviness 6"

NMOCD Ref. #: nAPP2229930971

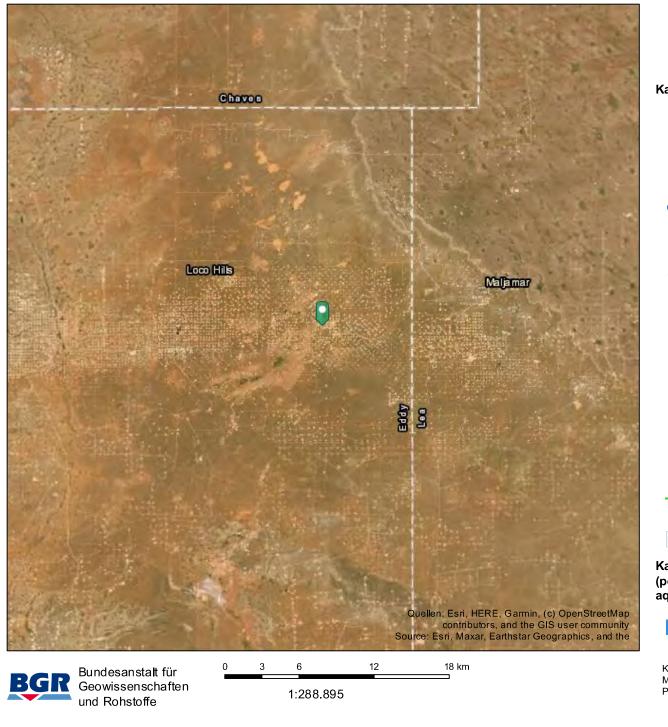
NMOCD Ref. #: nAPP2229930971											
		Donth		Ronzons	PTEV	GRO	DRO	GRO +	ORO	TPH	Chlau!-I-
Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	C ₆ -C ₁₀	C ₁₀ -C ₂₈	DRO C ₆ -C ₂₈	C ₂₈ -C ₃₆	C ₆ -C ₃₆	Chloride (mg/kg)
		(1.4)		(6)	(8/8/	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(8,8,
FL1	11/23/22	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL2	11/23/22	10	In-Situ	<0.050	<0.300	<10.0	74.8	74.8	14.9	89.7	192
FL3	11/23/22	4	In-Situ	<0.050	<0.300	<10.0	46.5	46.5	<10.0	46.5	64.0
FL4	11/23/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL5	11/23/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL6	11/23/22	4	In-Situ	<0.050	<0.300	<10.0	51.5	51.5	<10.0	51.5	16.0
FL7	11/23/22	4	Excavated	<0.050	<0.300	<10.0	107	107	10.4	117.4	32.0
FL7b	12/2/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL8	11/23/22	4	Excavated	<0.050	<0.300	<10.0	216	216	36	252	<16.0
FL8b	12/2/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL9	11/23/22	4	In-Situ	<0.050	<0.300	<10.0	73.5	73.5	11.6	85.1	32.0
FL10	11/23/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL11	11/23/22	4	In-Situ	<0.050	<0.300	<10.0	52.5	52.5	<10.0	52.5	32.0
FL12	11/23/22	4	Excavated	<0.050	<0.300	<10.0	204	204	39.0	243	16.0
FL12b	12/2/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL13	11/23/22	4.5	In-Situ	<0.050	<0.300	<10.0	11.4	<20.0	<10.0	<30.0	32.0
FL14	11/23/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL15	11/23/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL16	11/23/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL17	11/23/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL18	11/23/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL19	11/23/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL20	11/23/22	4.5	In-Situ	<0.050	<0.300	<10.0	11.8	<20.0	<10.0	<30.0	16.0
FL20	11/23/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL21	11/23/22	4.5	In-Situ	<0.050	<0.300	<10.0	21.6	21.6	<10.0	<30.0	16.0
FL23	11/23/22	4.5	In-Situ	<0.050	<0.300	<10.0	66.6	66.6	<10.0	66.6	32.0
FL23	11/23/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL25	11/23/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL26		4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL27	11/23/22	4.5	In-Situ	<0.050	<0.300	<10.0	12.2	<20.0	<10.0	<30.0	<16.0
SW1	11/23/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW2	11/23/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW3	11/23/22			<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
			In-Situ								
SW4	11/23/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW5 SW6	11/23/22	2	In-Situ	<0.050	<0.300	<10.0	25.6	25.6	<10.0	<30.0	<16.0
SW7	11/23/22	2	In-Situ In-Situ	<0.050 <0.050		<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW8	11/23/22	2		<0.050	<0.300	<10.0 24.0	1 000	84 2,014	<10.0 359	<30.0	<16.0 <16.0
SW8b	11/23/22		Excavated				1,990	,		2,373	
l	12/2/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SW9	11/23/22	2	In-Situ	<0.050	<0.300	<10.0	25.3	25.3	<10.0	<30.0	<16.0 <16.0
SW10	11/23/22	2	Excavated	<0.050	<0.300	<10.0	159	159	78.8	237.8	
SW10b	12/2/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
SW11	11/23/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	15.9	<30.0	16.0
SW12	11/23/22	2	Excavated	<0.050	<0.300	<10.0	127	127	20.3	147.3	<16.0
SW12b	12/2/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112.0
SW13	11/23/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW14	11/23/22	2	In-Situ	<0.050	<0.300	<10.0	10.4	<20.0	<10.0	<30.0	80.0
SW15	11/23/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW16	11/23/22		Excavated	<0.050	<0.300	<10.0	79.9	79.9	13.4	93.3	16.0
SW16b	12/2/22	. 2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
NMOCD (Closure Crite	ria		10	50	-	-	1,000	-	2,500	10,000

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria *Released to Imaging:* 4/20/2023 1:07:26 PM

Attachment I Karst and Wetland Maps



Karst springs

Spring with low

flow discharge ≥ 2 m³/s

Spring with low

- flow discharge $< 2 \text{ m}^3/\text{s}$
- Submarine spring
- Thermal spring Water
- abstraction structure in karst aquifer
- Cave systems

Border between exposed and

- non-exposed karstifiable rocks
 - Selected city,
- partly dependent on groundwater
- Boundary of continuous permafrost
- Continuous ice sheet

Karstifiable rocks (potential karst aquifer)

Continuous carbonate rocks

Mercator Auxiliary Sphere

Projektion: Mercator Auxiliary Sphere

Discontinuous carbonate rocks

Continuous evaporite rocks

Discontinuous evaporite rocks

Mixed carbonate and evaporite rocks

Koordinatensystem: WGS 1984 Web Datum: WGS 1984

Exportdatum: 07.10.2022



Skelly Inlet 18"

October 7, 2022

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Other



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

Attachment II NMOCD Correspondence

Daniel Dominguez

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>

Sent: Monday, November 21, 2022 10:51 AM

To: Daniel Dominguez

Cc: Bratcher, Michael, EMNRD; Nobui, Jennifer, EMNRD

Subject: RE: [EXTERNAL] Closure Samples

Please be aware that notification requirements are **two business days**, per rule. Please proceed on your schedule. Also, please include this, and all correspondence, in the closure report to insure inclusion in the project file

Jocelyn Harimon • Environmental Specialist

Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
http://www.emnrd.nm.gov



From: Daniel Dominguez <ddominguez@hungry-horse.com>

Sent: Monday, November 21, 2022 10:18 AM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Subject: [EXTERNAL] Closure Samples

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

We will collect closure samples at the Caviness 6" (nAPP2229930971) on Wednesday, November 23, 2022, at 7 am. This is our 48 hour notice.

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

Daniel Dominguez

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>

Sent: Wednesday, November 30, 2022 2:56 PM

To: Daniel Dominguez

Cc: Bratcher, Michael, EMNRD; Nobui, Jennifer, EMNRD

Subject: RE: [EXTERNAL] Closure Samples

Please be aware that notification requirements are **two business days**, per rule. Please proceed on your schedule. Also, please include this, and all correspondence, in the closure report to insure inclusion in the project file. JH

Jocelyn Harimon • Environmental Specialist

Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | <u>Jocelyn.Harimon@emnrd.nm.gov</u>
http://www.emnrd.nm.gov



From: Daniel Dominguez <ddominguez@hungry-horse.com>

Sent: Wednesday, November 30, 2022 1:13 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Subject: [EXTERNAL] Closure Samples

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

We will additional collect closure samples at the Caviness 6" (nAPP2229930971) on Friday, December 2, 2022, at 1 pm. This is our 48 hour notice.

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

Daniel Dominguez

Amber Groves < AGroves@durangomidstream.com > From:

Sent: Wednesday, February 1, 2023 9:25 AM

Daniel Dominguez To:

Subject: FW: [EXTERNAL] nAPP2229930971 Mal 7-2 Caviness 6" Extension Request

From: Nobui, Jennifer, EMNRD < Jennifer. Nobui@emnrd.nm.gov>

Sent: Monday, January 23, 2023 1:24 PM

To: Amber Groves <AGroves@durangomidstream.com>

Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>;

Harimon, Jocelyn, EMNRD < Jocelyn. Harimon@emnrd.nm.gov>

Subject: RE: [EXTERNAL] nAPP2229930971 Mal 7-2 Caviness 6" Extension Request

Hello Amber

OCD approves a request for a 90-day extension to 04/24/2023 to submit a closure report. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks, Jennifer Nobui

From: Amber Groves < AGroves@durangomidstream.com >

Sent: Monday, January 23, 2023 9:06 AM

To: Hamlet, Robert, EMNRD < Robert.Hamlet@emnrd.nm.gov; Harimon, Jocelyn, EMNRD < Jocelyn.Harimon@emnrd.nm.gov;

Nobui, Jennifer, EMNRD < Jennifer. Nobui@emnrd.nm.gov >; Velez, Nelson, EMNRD < Nelson. Velez@emnrd.nm.gov >

Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Chad Frost <Cfrost@durangomidstream.com>; Daniel Dominguez <ddominguez@hungry-horse.com>

Subject: [EXTERNAL] nAPP2229930971 Mal 7-2 Caviness 6" Extension Request

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

Good Morning,

Frontier Field Services would like to respectfully request a 90 day extension on nAPP2229930971 Mal 7-2 Caviness 6". The release area has been excavated and a chemistry table was sent to the landowner for backfill approval on December 13, 2022, however we have been unable to get a response. Please feel free to give me a call with any questions.

Thank you,

Amber Groves | Sr. Environmental Specialist

Mobile 575.703.7992

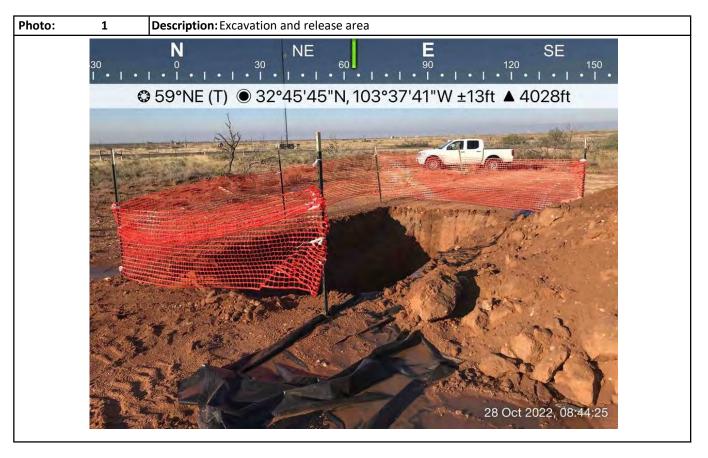


https://www.durangomidstream.com/ agroves@durangomidstream.com

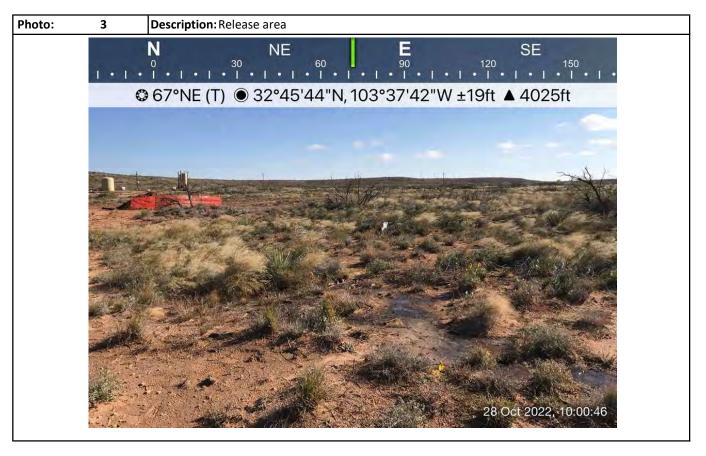
CONFIDENTIALITY NOTICE:

This email, including attachments, may include confidential and/or proprietary information, and may be used only by the person or entity to which it is addressed. Please do not read, copy or disseminate this communication unless you are the intended addressee. If you have received this communication in error, please permanently delete and call (575) 513-4922 immediately and ask to speak to the sender of this communication. Also, please notify immediately via email that you have received this message in error.

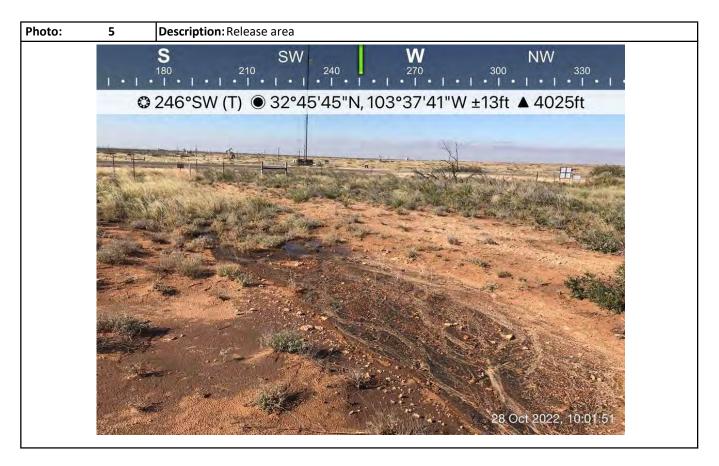
Attachment III Site Photographs



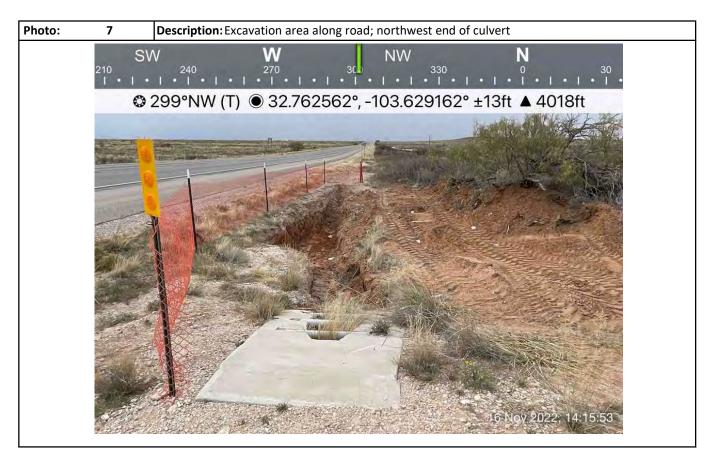














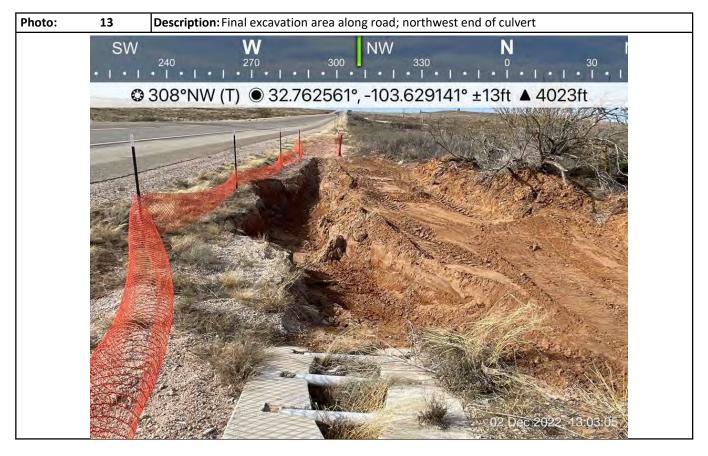




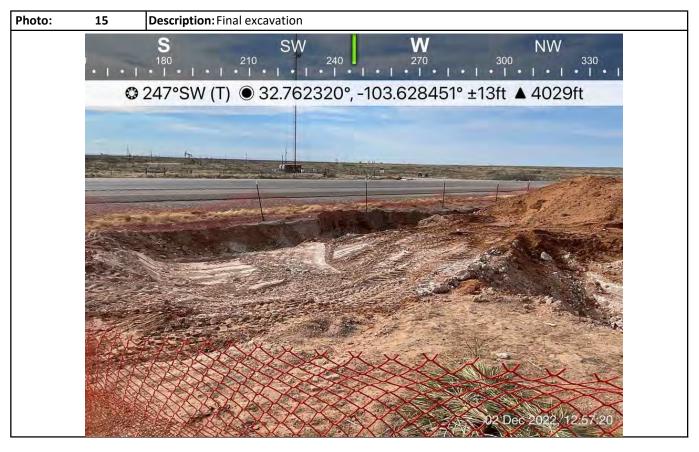


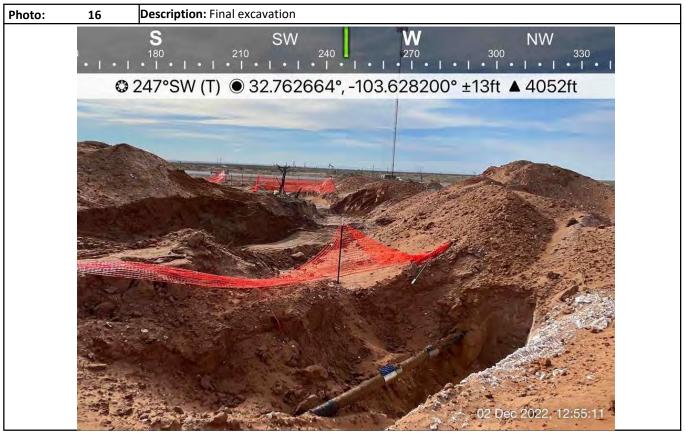


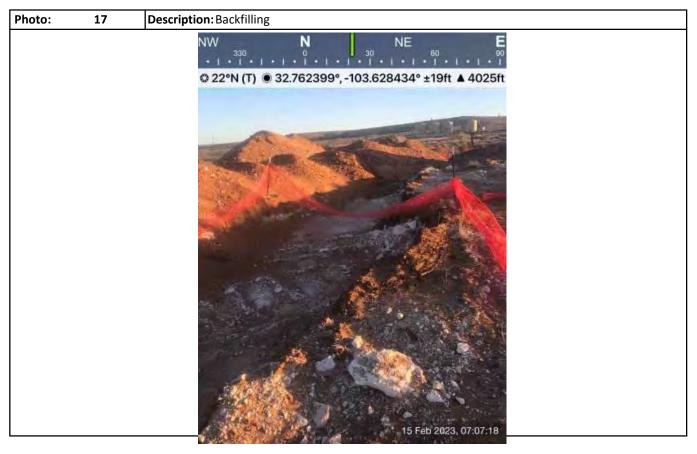
Photographs













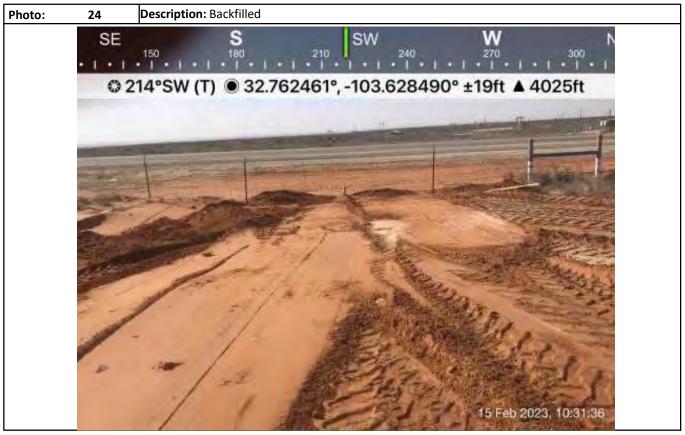
















Attachment IV Depth to Groundwater



New Mexico Office of the State Engineer

Wells with Well Log Information

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right

(R=POD has been replaced, $O\!\!=\!\!orphaned,$ C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) q q q

(NAD83 UTM in meters)

(in feet)

Licens Numbe 1632

POD Number CP 00072 POD6
 Subbasin
 County
 Source
 6416 4
 Sec
 Tws
 Rng

 CP
 LE
 Shallow
 2 1 4 11
 18S
 33E
 LE Shallow 2 4 4 11 18S 33E CP

X 628219 3625573 628603 3625179

Distance Start Date 365 12/01/2014

12/01/2014 12/15/2014 636 12/01/2014 12/01/2014 12/15/2014 Depth WellDepth WaterDriller10064CALEB CURRY 100 61 CALEB CURRY

1632

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 628499.67

Northing (Y): 3625807.39

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.

10/28/22 7:31 AM

WELLS WITH WELL LOG INFORMATION



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng \mathbf{X}

CP 00072 POD5 18S 33E 628219 NA 4 11 3625573

Driller License: 1632 **Driller Company:** HOPPER PUMP & DRILLING, INC.

Driller Name: CALEB CURRY

Drill Start Date: 12/01/2014 **Drill Finish Date:** 12/01/2014 Plug Date:

Log File Date: 12/15/2014 **PCW Rcv Date:** Source: Shallow **Pump Type:** Pipe Discharge Size: Estimated Yield: 30 GPM **Casing Size:** 5.00 Depth Well: 100 feet Depth Water: 64 feet

> Water Bearing Stratifications: **Top Bottom Description**

> > 40 95 Sandstone/Gravel/Conglomerate

Casing Perforations: Top **Bottom** 100

60

Meter Number: 17846 Meter Make: **MASTERMETER**

1.0000 Meter Serial Number: 8348400 **Meter Multiplier: Number of Dials: Meter Type:** Diversion

Unit of Measure: Gallons **Return Flow Percent:**

Usage Multiplier: Reading Frequency: Monthly

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr Comment	Mtr Amount Online
10/01/2017	2017	348704	A	RPT	0
12/01/2017	2017	357126	A	RPT	0.026
01/01/2018	2017	522561	A	RPT	0.508
02/01/2018	2018	524328	A	RPT	0.005
03/01/2018	2018	524869	A	RPT	0.002
04/01/2018	2018	525002	A	RPT	0
05/01/2018	2018	525800	A	RPT	0.002
06/01/2018	2018	526102	A	RPT	0.001
07/01/2018	2018	526807	A	RPT	0.002
08/01/2018	2018	527037	A	RPT	0.001
09/01/2018	2018	527563	A	RPT	0.002
10/01/2018	2018	541562	A	RPT	0.043
11/01/2018	2018	720541	A	RPT	0.549
12/01/2018	2018	780562	A	RPT	0.184
01/01/2019	2018	820567	A	RPT	0.123
02/01/2019	2019	825547	A	RPT	0.015
06/01/2019	2019	835674	A	RPT	0.031
07/01/2019	2019	852634	A	RPT	0.052
08/01/2019	2019	858654	A	RPT	0.018
09/01/2019	2019	865147	A	RPT	0.020

10/01/2019	2019	960582	A	RPT		0.293
11/01/2019	2019	985104	A	RPT		0.075
12/01/2019	2019	999658	A	RPT		0.045
01/01/2020	2019	1095410	A	RPT		0.294
02/01/2020	2020	1155963	A	RPT		0.186
03/01/2020	2020	1195841	A	RPT		0.122
04/01/2020	2020	1225874	A	RPT		0.092
05/01/2020	2020	1274512	A	RPT		0.149
06/01/2020	2020	1302569	A	RPT		0.086
07/01/2020	2020	1348745	A	RPT		0.142
09/01/2020	2020	1425874	A	RPT		0.237
10/01/2020	2020	1452589	A	RPT		0.082
11/01/2020	2020	1475842	A	RPT		0.071
12/01/2020	2020	1478541	A	WEE	3	0.008 X
01/01/2021	2020	1478551	A	RPT		0
02/01/2021	2021	1478551	A	ad		0
03/01/2021	2021	1479652	A	ad		0.003
04/01/2021	2021	1485620	A	ad		0.018
05/01/2021	2021	1501263	A	ad		0.048
06/01/2021	2021	1504251	A	ad		0.009
08/02/2021	2021	1521452	A	ad		0.053
09/01/2021	2021	587652	R	ad	Meter Reading Correction	-2.866
10/02/2021	2021	643985	A	ad		0.173
11/03/2021	2021	694285	A	ad		0.154
12/01/2021	2021	769458	A	ad		0.231
01/01/2022	2022	815985	A	ad		0.143
02/03/2022	2022	815985	A	ad		0
04/03/2022	2022	897658	A	ad		0.251
x **VTD Mot	or Amounts:	Year		Amount		
**YTD Meter Amounts:						
		2017		0.534		
		2018		0.914		
		2019		0.843		
		2020		1.175		
		2021		-2.177		
		2022		0.394		

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

10/28/22 7:38 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

 Well Tag
 POD Number
 Q64 Q16 Q4
 Sec
 Tws
 Rng

 NA
 CP 00072 POD6
 2 4 4 11 18S 33E 6
 6

X Y

NA CP 00072 POD6 2 4 4 11 18S 33E 628603 3625179

Driller License: 1632 **Driller Company:** HOPPER PUMP & DRILLING, INC.

Driller Name: CALEB CURRY

Drill Start Date: 12/01/2014 **Drill Finish Date:** 12/01/2014 **Plug Date:**

Log File Date:12/15/2014PCW Rcv Date:Source:ShallowPump Type:Pipe Discharge Size:Estimated Yield:80 GPMCasing Size:5.00Depth Well:100 feetDepth Water:61 feet

Water Bearing Stratifications: Top Bottom Description

65 80 Sandstone/Gravel/Conglomerate

Casing Perforations: Top Bottom

60 100

Meter Number: 17847 **Meter Make:** MASTERMETER

Meter Serial Number:8423252Meter Multiplier:100.0000Number of Dials:6Meter Type:Diversion

Unit of Measure: Gallons Return Flow Percent:

Usage Multiplier: Reading Frequency: Monthly

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr Comment	Mtr Amount Online
10/01/2017	2017	120029	A	RPT	0
12/01/2017	2017	121779	A	RPT	0.537
01/01/2018	2017	122227	A	RPT	0.137
02/01/2018	2018	122231	A	RPT	0.001
03/01/2018	2018	122231	A	RPT	0
04/01/2018	2018	122261	A	RPT	0.009
05/01/2018	2018	124443	A	RPT	0.670
06/01/2018	2018	124783	A	RPT	0.104
07/01/2018	2018	125371	A	RPT	0.180
08/01/2018	2018	126093	A	RPT	0.222
09/01/2018	2018	126094	A	RPT	0
10/01/2018	2018	126095	A	RPT	0
11/01/2018	2018	133695	A	RPT	2.332
12/01/2018	2018	145325	A	RPT	3.569
01/01/2019	2018	151256	A	RPT	1.820
02/01/2019	2019	160389	A	RPT	2.803
06/01/2019	2019	168524	A	RPT	2.497
07/01/2019	2019	170174	A	RPT	0.506
08/01/2019	2019	175258	A	RPT	1.560
09/01/2019	2019	186415	A	RPT	3.424

10/01/2019	2019	186415	A	RPT
11/01/2019	2019	186415	A	RPT
12/01/2019	2019	186415	A	RPT
01/01/2020	2019	186415	A	RPT
02/01/2020	2020	186415	A	RPT
03/01/2020	2020	186415	A	RPT
04/01/2020	2020	190541	A	RPT
05/01/2020	2020	196254	A	RPT
07/01/2020	2020	204582	A	RPT
08/01/2020	2020	208547	A	RPT
09/01/2020	2020	211569	A	RPT
11/01/2020	2020	218541	A	RPT
12/02/2020	2020	219832	A	WEB
01/01/2021	2020	221569	A	WEB
04/01/2021	2021	229584	A	ad
05/01/2021	2021	232563	A	ad
06/01/2021	2021	235874	A	ad
09/01/2021	2021	248562	A	ad
10/02/2021	2021	255986	A	ad
11/01/2021	2021	264587	A	ad
12/01/2021	2021	270458	A	ad
01/01/2022	2022	284254	A	ad
02/03/2022	2022	284254	A	ad
03/01/2022	2022	295187	A	ad
04/01/2022	2022	304258	A	ad
05/01/2022	2022	312569	A	ad
06/02/2022	2022	318459	A	ad
x **VTD Mot	er Amounts:	Year		Amount
I ID Men	oi Amvunts.	2017		0.674
		2017		8.907
		2018		8.907 10.790
		2019		10.790
		2021		15.004
		2022		14.732

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, or suitability for any particular purpose of the data.

10/28/22 7:40 AM

POINT OF DIVERSION SUMMARY

Attachment V Field Data

Hungry Horse, LLC

Sample Log

Project:	Caviness 6"
----------	-------------

Latitude: 32.76265

Longitude: -103.62815

Sampler: Eli Dominguez

Date: 10/28/22

	Sample ID	Depth	PID/Odor	Chloride	GPS
HZ HZ	1-Surf	Surf	NA	.09×1000=90	
HZ	1-5wf	Surf	N/A	7100	
12	V - \'	11	N/A	.07×1000-70	
HZ_	2-Surf	Surf	NA	103×1000=30	
12	2-11	1'	NIA	607×1000=70	
HZ_	3-5wf	Surf	N/A	.03×1000=30	
SH	3-1'	1'	NIA	.05x1000=30	
17	4-Surf	Surf	N/A	103x7000=30	
54	4-1'	1'	NA	,07x10000=70	
SH	5-Syr}	Sur	NA	.06x1000-60	
42	5-11	41	N/A	.05×1000=50	
	Sample Point = SP1 @	## otc		Horizontal = HZ1 etc	Tost Tranch - TT1 @ ##

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

Hungry Horse, LLC

Sample Log

Date: 10131/20

Latitude: 32.76265 Longitude: -103.62815 Sampler: Eli Dominguez

Sample ID	Depth	PID/Odor	Chloride	GPS
AZ 6-surf	Surf	NIA	,05×1000-50	
HZ 6-11	1,1	NIA	106×1000=60	
HZ 7-Surf	Surf	NIA	,04×1600=40	
HZ 7-1'	Įτ	NA	06×1000=60	
HZ 8-Surf	Surf	N/4	.06×1000=60	
HZ 8-1,	11	MA	.07×1000=70	
HZ 9-SWF	Surf	N/A	111×1000=110	
Hz 9-11	l'	NA	1/2×1600=120	
42 10-Surf	Surf	NIA	,08×1000=80	
HZ 10-11	l'	NIA	,05×1000=50	•

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

Hungry Horso IIC	Sample Log
Hungry Horse, LLC	

Tungiy Hors	ic, Lic		Date: 11/3122
Project: Cav	viness 6"		
Latitude: 32.	.76265	Longitude: -103.62815	Sampler: Eli Dominguez

Sample ID	Depth	PID/Odor	Chloride	GPS
SP2-23'	3'	N/A	30-95×4=385	
5P2-4'	4'	NIA	3.0=95×4=285 2.0=50×4=200	
Date ()				
SP3- 2' SP3-3'	3,	TPH	2,6=75×4=260 2,8=85×4=340	
<u>573-31</u>	3'	NIA	2.85x1=340	
5P4-21 5P4-31	3,	NIA	1.8-444-176	
524-31	3' 3'	NIA NIA NIA	1.8-444-176 1.8-44×4=176 2.4=66×4=264	
SP4-4,	1 4.	IVJA	2,4=66x4=264	1
	-		1	
	-		1	
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				1
	-			

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

Hungry Horse, LLC

Sample Log

Sampler: Eli Dominguez

3. 7 **********************************		Date: 11/4/22	
Project: Caviness 6"		11/11/2	
Latitude: 32.76265	Longitude: -103.62815	Sampler: Eli Dominguez	

Longitude: -103.62815

Sample ID	Depth	PID/Odor	Chloride	GPS
SP5-21	マ	NIA	20=504=200	
5P6-21	2'	NIA	1,4=51×4=124	
SP 7- 2' SP7-3'	3'	Possible	3.0=95x4=380 2.8=85x4=300340	
SP 8-2'	a'	NIA	2,0=50x4=200	
SP9-2'	5,	MA	2.6= 75×4=300	
5f10-2'	2'	NIA	2.8= 85×4 =340	
SP1-8'	8'		1.8=44*1=174	
			N	

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

Hungry	Horse.	LLC
IIWIIBIY	110130,	LLC

Sample Log

		Date: \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
Project: Caviness 6"	_		
Latitude: 32.76265	Longitude: -103.62815	Sampler: Eli Dominguez	

Sample ID	Depth 5'	PID/Odor	20=80×4=200	GPS
SP5-5'	5'	MIA	20=80×4=200	
(D) [A]	51	AVA	\10d	
SP7-9'	5.	NA	>100	
		D	1	
		11		
	-			
	-			
		11		
	+			

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

Attachment VI Laboratory Analytical Reports



November 07, 2022

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

RE: CAVINESS 6"

Enclosed are the results of analyses for samples received by the laboratory on 10/31/22 14:27.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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/ga/lab accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/28/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: HZ1 - SURF (H225118-01)

BTEX 8021B	mg,	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.89	94.6	2.00	2.67	
Toluene*	<0.050	0.050	11/04/2022	ND	2.03	101	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.99	99.6	2.00	0.813	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.04	101	6.00	0.250	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.2	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/01/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	201	101	200	6.46	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	206	103	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	111 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	133	% 46.3-17	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Kreene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/28/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: UL/H SEC 11 T18S - R33E

ma/ka

Sample ID: HZ1 - 1' (H225118-02)

RTFY 8021R

Result 0.050 0.050 0.050 0.150	Reporting Limit 0.050 0.050 0.050	Analyzed 11/04/2022 11/04/2022	Method Blank ND ND	BS 1.89 2.03	% Recovery 94.6	True Value QC 2.00	RPD 2.67	Qualifier
0.050 0.050 0.150	0.050	11/04/2022				2.00	2.67	
0.050 0.150			ND	2.03	101			
0.150	0.050	11/04/2022			101	2.00	1.76	
		11/04/2022	ND	1.99	99.6	2.00	0.813	
0.200	0.150	11/04/2022	ND	6.04	101	6.00	0.250	
0.300	0.300	11/04/2022	ND					
87.5 %	69.9-14	0						
mg/	kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
16.0	16.0	11/01/2022	ND	400	100	400	3.92	
mg/	kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
10.0	10.0	11/02/2022	ND	201	101	200	6.46	
10.0	10.0	11/02/2022	ND	206	103	200	2.02	
10.0	10.0	11/02/2022	ND					
105 %	6 45.3-16	1						
< : ::	mg/ esult 16.0 mg/ esult 10.0	esult Reporting Limit 16.0 16.0 mg/kg esult Reporting Limit 10.0 10.0 10.0 10.0	mg/kg Analyzed esult Reporting Limit Analyzed 16.0 11/01/2022 mg/kg Analyzed esult Reporting Limit Analyzed 10.0 10.0 11/02/2022 10.0 10.0 11/02/2022	mg/kg Analyzed By: AC esult Reporting Limit Analyzed Method Blank 16.0 16.0 11/01/2022 ND mg/kg Analyzed By: MS esult Reporting Limit Analyzed Method Blank 10.0 10.0 11/02/2022 ND 10.0 10.0 11/02/2022 ND	mg/kg Analyzed By: AC esult Reporting Limit Analyzed Method Blank BS 16.0 16.0 11/01/2022 ND 400 mg/kg Analyzed By: MS esult Reporting Limit Analyzed Method Blank BS 10.0 10.0 11/02/2022 ND 201 10.0 10.0 11/02/2022 ND 206	mg/kg Analyzed By: AC esult Reporting Limit Analyzed Method Blank BS % Recovery 16.0 16.0 11/01/2022 ND 400 100 mg/kg Analyzed By: MS esult Reporting Limit Analyzed Method Blank BS % Recovery 10.0 10.0 11/02/2022 ND 201 101 10.0 10.0 11/02/2022 ND 206 103	mg/kg Analyzed By: AC esult Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 16.0 16.0 11/01/2022 ND 400 100 400 mg/kg Analyzed By: MS esult Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 10.0 10.0 11/02/2022 ND 201 101 200 10.0 10.0 11/02/2022 ND 206 103 200	mg/kg Analyzed By: AC esult Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 16.0 16.0 11/01/2022 ND 400 100 400 3.92 mg/kg Analyzed By: MS esult Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 10.0 10.0 11/02/2022 ND 201 101 200 6.46 10.0 10.0 11/02/2022 ND 206 103 200 2.02

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/28/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: HZ2 - SURF (H225118-03)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.89	94.6	2.00	2.67	
Toluene*	<0.050	0.050	11/04/2022	ND	2.03	101	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.99	99.6	2.00	0.813	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.04	101	6.00	0.250	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/01/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	201	101	200	6.46	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	206	103	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	114	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	138	% 46.3-17	78						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/28/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: UL/H SEC 11 T18S - R33E

ma/ka

Sample ID: HZ2 - 1' (H225118-04)

RTFY 8021R

QC RPD Qualifi 2.67 1.76 0.813 0.250	True Value QC 2.00 2.00	% Recovery 94.6 101	BS 1.89	Method Blank	Analyzed	Reporting Limit	D 11	
1.76 0.813	2.00		1.89		•	Reporting Limit	Result	Analyte
0.813		101		ND	11/04/2022	0.050	<0.050	Benzene*
		101	2.03	ND	11/04/2022	0.050	<0.050	Toluene*
0.250	2.00	99.6	1.99	ND	11/04/2022	0.050	<0.050	Ethylbenzene*
	6.00	101	6.04	ND	11/04/2022	0.150	<0.150	Total Xylenes*
				ND	11/04/2022	0.300	<0.300	Total BTEX
)	% 69.9-14	87.4	Surrogate: 4-Bromofluorobenzene (PID
				d By: AC	Analyze	kg	mg/	Chloride, SM4500Cl-B
QC RPD Qualifi	True Value QC	% Recovery	BS	Method Blank	Analyzed	Reporting Limit	Result	Analyte
3.92	400	100	400	ND	11/01/2022	16.0	<16.0	Chloride
				d By: MS	Analyze	'kg	mg/	TPH 8015M
QC RPD Qualifi	True Value QC	% Recovery	BS	Method Blank	Analyzed	Reporting Limit	Result	Analyte
6.46	200	101	201	ND	11/02/2022	10.0	<10.0	GRO C6-C10*
2.02	200	103	206	ND	11/02/2022	10.0	<10.0	DRO >C10-C28*
				ND	11/02/2022	10.0	<10.0	EXT DRO >C28-C36
					1	26 45.3-16	115 %	Surrogate: 1-Chlorooctane
					8	% 46.3-17	137 9	Surrogate: 1-Chlorooctadecane
_				ND	11/02/2022 11/02/2022	10.0 10.0 % 45.3-16	<10.0 <10.0	DRO >C10-C28* EXT DRO >C28-C36 Surrogate: 1-Chlorooctane

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Celey D. Kreine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/28/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL/H SEC 11 T18S - R33E

mg/kg

Sample ID: HZ3 - SURF (H225118-05)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/06/2022	ND	1.90	94.9	2.00	3.85	
Toluene*	<0.050	0.050	11/06/2022	ND	2.01	100	2.00	2.78	
Ethylbenzene*	<0.050	0.050	11/06/2022	ND	1.97	98.3	2.00	0.726	
Total Xylenes*	<0.150	0.150	11/06/2022	ND	5.98	99.7	6.00	0.176	
Total BTEX	<0.300	0.300	11/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/01/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	201	101	200	6.46	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	206	103	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	112 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	130	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/28/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL/H SEC 11 T18S - R33E

mg/kg

Sample ID: HZ3 - 1' (H225118-06)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/06/2022	ND	1.90	94.9	2.00	3.85	
Toluene*	<0.050	0.050	11/06/2022	ND	2.01	100	2.00	2.78	
Ethylbenzene*	<0.050	0.050	11/06/2022	ND	1.97	98.3	2.00	0.726	
Total Xylenes*	<0.150	0.150	11/06/2022	ND	5.98	99.7	6.00	0.176	
Total BTEX	<0.300	0.300	11/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	201	101	200	6.46	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	206	103	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	115	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	136	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/28/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: HZ4 - SURF (H225118-07)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/06/2022	ND	1.90	94.9	2.00	3.85	
Toluene*	<0.050	0.050	11/06/2022	ND	2.01	100	2.00	2.78	
Ethylbenzene*	<0.050	0.050	11/06/2022	ND	1.97	98.3	2.00	0.726	
Total Xylenes*	<0.150	0.150	11/06/2022	ND	5.98	99.7	6.00	0.176	
Total BTEX	<0.300	0.300	11/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	85.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	201	101	200	6.46	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	206	103	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	123	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	149	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/28/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL/H SEC 11 T18S - R33E

mg/kg

Sample ID: HZ4 - 1' (H225118-08)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/06/2022	ND	1.90	94.9	2.00	3.85	
Toluene*	<0.050	0.050	11/06/2022	ND	2.01	100	2.00	2.78	
Ethylbenzene*	<0.050	0.050	11/06/2022	ND	1.97	98.3	2.00	0.726	
Total Xylenes*	<0.150	0.150	11/06/2022	ND	5.98	99.7	6.00	0.176	
Total BTEX	<0.300	0.300	11/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	85.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	201	101	200	6.46	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	206	103	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	114	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	134	% 46.3-17	8						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/28/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL/H SEC 11 T18S - R33E

mg/kg

Sample ID: HZ5 - SURF (H225118-09)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/06/2022	ND	1.90	94.9	2.00	3.85	
Toluene*	<0.050	0.050	11/06/2022	ND	2.01	100	2.00	2.78	
Ethylbenzene*	<0.050	0.050	11/06/2022	ND	1.97	98.3	2.00	0.726	
Total Xylenes*	<0.150	0.150	11/06/2022	ND	5.98	99.7	6.00	0.176	
Total BTEX	<0.300	0.300	11/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.1	% 69.9-14	0						
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	11/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	201	101	200	6.46	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	206	103	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	125	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	148	% 46.3-17	8						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/28/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: UL/H SEC 11 T18S - R33E

ma/ka

Sample ID: HZ5 - 1' (H225118-10)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/06/2022	ND	1.90	94.9	2.00	3.85	
Toluene*	<0.050	0.050	11/06/2022	ND	2.01	100	2.00	2.78	
Ethylbenzene*	<0.050	0.050	11/06/2022	ND	1.97	98.3	2.00	0.726	
Total Xylenes*	<0.150	0.150	11/06/2022	ND	5.98	99.7	6.00	0.176	
Total BTEX	<0.300	0.300	11/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	84.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	201	101	200	6.46	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	206	103	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	113	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	133	% 46.3-17	8						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: HZ6 - SURF (H225118-11)

BTEX 8021B

DIEX 8021B	ilig/	kg	Allalyze	u by. Jn					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/06/2022	ND	1.90	94.9	2.00	3.85	
Toluene*	<0.050	0.050	11/06/2022	ND	2.01	100	2.00	2.78	
Ethylbenzene*	<0.050	0.050	11/06/2022	ND	1.97	98.3	2.00	0.726	
Total Xylenes*	<0.150	0.150	11/06/2022	ND	5.98	99.7	6.00	0.176	
Total BTEX	<0.300	0.300	11/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.6	% 69.9-14	0						
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	11/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	201	101	200	6.46	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	206	103	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	106	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	127	% 46.3-17	78						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: UL/H SEC 11 T18S - R33E

ma/ka

Sample ID: HZ6 - 1' (H225118-12)

RTFY 8021R

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/06/2022	ND	1.90	94.9	2.00	3.85	
Toluene*	<0.050	0.050	11/06/2022	ND	2.01	100	2.00	2.78	
Ethylbenzene*	<0.050	0.050	11/06/2022	ND	1.97	98.3	2.00	0.726	
Total Xylenes*	<0.150	0.150	11/06/2022	ND	5.98	99.7	6.00	0.176	
Total BTEX	<0.300	0.300	11/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.1	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	206	103	200	1.04	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	194	96.8	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	114 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	124 9	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: HZ7 - SURF (H225118-13)

3TEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/06/2022	ND	1.90	94.9	2.00	3.85	
Toluene*	<0.050	0.050	11/06/2022	ND	2.01	100	2.00	2.78	
Ethylbenzene*	<0.050	0.050	11/06/2022	ND	1.97	98.3	2.00	0.726	
Total Xylenes*	<0.150	0.150	11/06/2022	ND	5.98	99.7	6.00	0.176	
Total BTEX	<0.300	0.300	11/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.1	% 69.9-14	0						
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	11/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	206	103	200	1.04	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	194	96.8	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	107 5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116 9	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: UL/H SEC 11 T18S - R33E

ma/ka

Sample ID: HZ7 - 1' (H225118-14)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/06/2022	ND	1.90	94.9	2.00	3.85	
Toluene*	<0.050	0.050	11/06/2022	ND	2.01	100	2.00	2.78	
Ethylbenzene*	<0.050	0.050	11/06/2022	ND	1.97	98.3	2.00	0.726	
Total Xylenes*	<0.150	0.150	11/06/2022	ND	5.98	99.7	6.00	0.176	
Total BTEX	<0.300	0.300	11/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.5	% 69.9-14	0						
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	11/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	206	103	200	1.04	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	194	96.8	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	101	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 46.3-17	78						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: HZ8 - SURF (H225118-15)

3TEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/06/2022	ND	1.90	94.9	2.00	3.85	
Toluene*	<0.050	0.050	11/06/2022	ND	2.01	100	2.00	2.78	
Ethylbenzene*	<0.050	0.050	11/06/2022	ND	1.97	98.3	2.00	0.726	
Total Xylenes*	<0.150	0.150	11/06/2022	ND	5.98	99.7	6.00	0.176	
Total BTEX	<0.300	0.300	11/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.0	% 69.9-14	0						
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	11/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	206	103	200	1.04	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	194	96.8	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	104 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	114 9	6 46.3-17	8						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: UL/H SEC 11 T18S - R33E

ma/ka

Sample ID: HZ8 - 1' (H225118-16)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/06/2022	ND	1.90	94.9	2.00	3.85	
Toluene*	<0.050	0.050	11/06/2022	ND	2.01	100	2.00	2.78	
Ethylbenzene*	<0.050	0.050	11/06/2022	ND	1.97	98.3	2.00	0.726	
Total Xylenes*	<0.150	0.150	11/06/2022	ND	5.98	99.7	6.00	0.176	
Total BTEX	<0.300	0.300	11/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	85.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	206	103	200	1.04	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	194	96.8	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	107	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	124	% 46.3-17	8						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: HZ9 - SURF (H225118-17)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/06/2022	ND	1.90	94.9	2.00	3.85	
Toluene*	<0.050	0.050	11/06/2022	ND	2.01	100	2.00	2.78	
Ethylbenzene*	<0.050	0.050	11/06/2022	ND	1.97	98.3	2.00	0.726	
Total Xylenes*	<0.150	0.150	11/06/2022	ND	5.98	99.7	6.00	0.176	
Total BTEX	<0.300	0.300	11/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	206	103	200	1.04	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	194	96.8	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	97.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106	% 46.3-17	78						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: UL/H SEC 11 T18S - R33E

ma/ka

Sample ID: HZ9 - 1' (H225118-18)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/06/2022	ND	1.90	94.9	2.00	3.85	
Toluene*	<0.050	0.050	11/06/2022	ND	2.01	100	2.00	2.78	
Ethylbenzene*	<0.050	0.050	11/06/2022	ND	1.97	98.3	2.00	0.726	
Total Xylenes*	<0.150	0.150	11/06/2022	ND	5.98	99.7	6.00	0.176	
Total BTEX	<0.300	0.300	11/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	85.0	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	206	103	200	1.04	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	194	96.8	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	103	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	115	% 46.3-17	78						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: HZ10 - SURF (H225118-19)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/06/2022	ND	1.90	94.9	2.00	3.85	
Toluene*	<0.050	0.050	11/06/2022	ND	2.01	100	2.00	2.78	
Ethylbenzene*	<0.050	0.050	11/06/2022	ND	1.97	98.3	2.00	0.726	
Total Xylenes*	<0.150	0.150	11/06/2022	ND	5.98	99.7	6.00	0.176	
Total BTEX	<0.300	0.300	11/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	206	103	200	1.04	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	194	96.8	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	99.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106	% 46.3-17	78						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact Sample Received By: Project Number: FRONTIER FIELD SERVICES Tamara Oldaker

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: HZ10 - 1' (H225118-20)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/06/2022	ND	1.90	94.9	2.00	3.85	
Toluene*	<0.050	0.050	11/06/2022	ND	2.01	100	2.00	2.78	
Ethylbenzene*	<0.050	0.050	11/06/2022	ND	1.97	98.3	2.00	0.726	
Total Xylenes*	<0.150	0.150	11/06/2022	ND	5.98	99.7	6.00	0.176	
Total BTEX	<0.300	0.300	11/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.69	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	206	103	200	1.04	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	194	96.8	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	109 %	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	120 %	6 46.3-17	8						

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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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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



	(3/3) 383-2326	3	-																											_
Company Name:	Hungry Horse LLC	C .	С		- 1								B	BILL	170					ANAI	ANAL YSIS	- 1	2	REQUEST	F					Pag
Project Manager:	Daniel Dominguez	ez								D	P.O.	#							-	-			4	1	4			+		1
Address: PO Box 1058	x 1058									0	om	Company	V P	ronti	Frontier Field Services	rvices, LLC							_							
City: Hobbs		State:	MN	Zip:		88241	41			A	Attn:		mbe	or G	Amber Groves								_					_		
Phone #: 575 39	575 393-3386	Fax #:								A	ddr	ess	4	700	Address: 47 Conoco Rd															
Project #:		Project Owner:	Owner:	Fron	tier F	Frontier Field Services,	Sen	vices	s, LLC	_	City:	3	Maljamar	mar									_							
Project Name: Ca	Caviness 6"			1						S	tate		2	Z	Zip: 88264													_		
Project Location:	UL/ H Sec 11 T	T18S - R33E	ΞĒ							P	hon	le #	57	75-71	Phone #: 575-703-7992													_		
Sampler Name:	Eli Dominguez									77	Fax #:	.**	-																	
FOR LAB USE ONLY							3	MATRIX	×	1	P	RES	PRESERV.	П	SAMPLING	G														
Lab I.D.	Sample I.D.	E		RAB OR (C)OM	ONTAINERS	DUNDWATER	STEWATER		DGE	ER:	D/BASE:	COOL	ER:				oride	1	X 8021											
/ HZ	HZ1-Surf			G	-	_	$\overline{}$			_	$\overline{}$	_	_	_	10/28/22		×	×	×				+		1	1		+		
ZHZ	HZ1-1'			G	-			×	30		71.7	×	0.10	10	10/28/22		×	×	×				-					-	- 1	
SHZ	HZ2-Surf			G	-			×			1	×		10	10/28/22		×	×	×				-					-		
4 HZ	HZ2-1'			G	-		~	×			1	×		10	10/28/22		×	×	×				-					-		
S HZ	HZ3-Surf			G	-		-	×				×		10	10/28/22		×	×	×									-		
6 HZ	HZ3-1'			G	-	-	-	×	-			×		10	10/28/22		×	×	×									-		
Z HZ	HZ4-Surf			G	-	-	U	×	-			×		10	10/28/22		×	×	×											
9 HZ	HZ4-1' HZ5-Surf			ດ ດ	<u> </u>	+	-	××	+		177	< ×		10	10/28/22		×	×	×				+							
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analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived includent shall be limited to the amount paid by the client for the service. In no event shall Cardinal be liable for incidental or consequential damages, including whose for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion for service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	and contract or tension of the amount poid the client for the including those for negligence and any other cause whatsoever shall be deemed waived unless made in witing and received by Cardinal within 30 days after completion of the applicable shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incured by client, its subsidiaries, as a sisting out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	nent's exclusive r cause whatso equental dama equental dama	we remedy for any claim arising whether ba tooever shall be deemed walved unless mad mages, including without limitation, business shereunder by Cardinal, regardless of wheth	claim arisi emed waix athout limit dinal, rega	ng whe red units ation, b	ether b less ma busines of whe	ade in sinter.	writing erruption	and re and re is, loss im is b	ceived of use	by Ca b, or lo	ardinal ass of p	within profits i	mited to the amount po dinal within 30 days aff s of profits incurred by y of the above stated r	unt paid by the c ys after complet ed by client, its s sted reasons or	client for the abon of the applica subsidiaries, otherwise.	able											1		
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	nd, Hobbs, NM 88240 6 FAX (575) 393-2476	NM 8824	60											ge 24
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an	er: Daniel Dominguez	Juez				P	P.O. #:			1	٦	-		ס ארשטרטו	
Address: PC	PO Box 1058					C	ompany	Company Frontier Field Services.	Services, LLC	0.			_	_	
양		State: NM	M	Zip:	88241	AI	Attn: An	Amber Groves							
Phone #: 57:	575 393-3386	Fax #:				A	ddress:	Address: 47 Conoco Rd	Rd						
Project #:		Project Owner:		rontier	Frontier Field Services,	LLC	City: Ma	Maljamar							
Project Name:	Caviness 6"					St		Zip:	88264						
Project Location:	UL/ H Sec 11	T18S - R33E				P	Phone #:	575-703	92						
Sampler Name:	: Eli Dominguez					Fa	Fax #		i						
FOR LAB USE ONLY				\dashv	MATRIX	L	PRESERV	RV. SAMPLING	LING	_					
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16	HZ8-1'		G	1	×		×	10/31/22	20	×	×	×			
11	HZ9-Surf		G	1	×		×	10/31/22	2	×	×	×			
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LEASE NOTE: Liability and nalyses. All claims including	LEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the	client's exclusive remedy for any er cause whatsoever shall be do.	hedy for any claim a	arising wh	ether based in cont	ract or tort, shall	be limited to	10/31/22 the amount paid by t	the client for the	×	×	×			
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November 08, 2022

DANIEL DOMINGUEZ
Hungry Horse Environmental
P.O. Box 1058

RE: CAVINESS 6"

Hobbs, NM 88240

Enclosed are the results of analyses for samples received by the laboratory on 10/31/22 14:27.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/28/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SP1 - SURF (H225119-01)

Analyte Benzene* Toluene* Ethylbenzene*	Result 20.2 118 74.7 111	1.00 1.00 1.00 1.00 3.00	Analyzed 11/08/2022 11/08/2022 11/08/2022	Method Blank ND ND	BS 1.90 2.01	% Recovery 94.9	True Value QC 2.00 2.00	RPD 3.85	Qualifier
Toluene*	118 74.7 111	1.00 1.00	11/08/2022	ND					
	74.7 111	1.00			2.01	100	2.00		
Ethylbenzene*	111		11/08/2022				2.00	2.78	
		3.00		ND	1.97	98.3	2.00	0.726	
Total Xylenes*	224		11/08/2022	ND	5.98	99.7	6.00	0.176	
Total BTEX	324	6.00	11/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0 16.0		11/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2480	50.0	11/02/2022	ND	206	103	200	1.04	
DRO >C10-C28*	4210	50.0	11/02/2022	ND	194	96.8	200	1.92	
EXT DRO >C28-C36	527	50.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	270	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	142	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/28/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SP2 - SURF (H225119-02)

RTFY 8021R

B1EX 8021B	mg	/ Kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	18.9	0.500	11/08/2022	ND	1.90	94.9	2.00	3.85	
Toluene*	81.7	0.500	11/08/2022	ND	2.01	100	2.00	2.78	
Ethylbenzene*	39.3	0.500	11/08/2022	ND	1.97	98.3	2.00	0.726	
Total Xylenes*	54.8	1.50	11/08/2022	ND	5.98	99.7	6.00	0.176	
Total BTEX	195	3.00	11/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	11/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	757	50.0	11/02/2022	ND	206	103	200	1.04	
DRO >C10-C28*	1390	50.0	11/02/2022	ND	194	96.8	200	1.92	
EXT DRO >C28-C36	249	50.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	143	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	131	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/28/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SP3 - SURF (H225119-03)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.26	0.500	11/08/2022	ND	1.90	94.9	2.00	3.85	
Toluene*	37.8	0.500	11/08/2022	ND	2.01	100	2.00	2.78	
Ethylbenzene*	42.5	0.500	11/08/2022	ND	1.97	98.3	2.00	0.726	
Total Xylenes*	71.5	1.50	11/08/2022	ND	5.98	99.7	6.00	0.176	
Total BTEX	154	3.00	11/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2310	50.0	11/02/2022	ND	206	103	200	1.04	
DRO >C10-C28*	13200	50.0	11/02/2022	ND	194	96.8	200	1.92	
EXT DRO >C28-C36	2060	50.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	459	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	400	% 46.3-17	<i>'</i> 8						

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Celey D. Keene

S-04



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

Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/28/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL/H SEC 11 T18S - R33E

mg/kg

Sample ID: SP4 - SURF (H225119-04)

BTEX 8021B

		,							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	11/08/2022	ND	1.90	94.9	2.00	3.85	
Toluene*	67.4	0.500	11/08/2022	ND	2.01	100	2.00	2.78	
Ethylbenzene*	64.6	0.500	11/08/2022	ND	1.97	98.3	2.00	0.726	
Total Xylenes*	125	1.50	11/08/2022	ND	5.98	99.7	6.00	0.176	
Total BTEX	257	3.00	11/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	142	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2500	50.0	11/02/2022	ND	206	103	200	1.04	
DRO >C10-C28*	9360	50.0	11/02/2022	ND	194	96.8	200	1.92	
EXT DRO >C28-C36	1420	50.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	353	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	300	% 46.3-17	8						

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Celey & Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SP5 - SURF (H225119-05)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	11/08/2022	ND	2.04	102	2.00	6.47	
Toluene*	11.1	0.200	11/08/2022	ND	2.12	106	2.00	5.85	
Ethylbenzene*	30.7	0.200	11/08/2022	ND	2.06	103	2.00	6.19	
Total Xylenes*	60.9	0.600	11/08/2022	ND	6.26	104	6.00	5.87	
Total BTEX	103	1.20	11/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	174	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1000	50.0	11/02/2022	ND	206	103	200	1.04	
DRO >C10-C28*	9600	50.0	11/02/2022	ND	194	96.8	200	1.92	
EXT DRO >C28-C36	1580	50.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	373	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	387	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SP6 - SURF (H225119-06)

BTEX 8021B	mg	/kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	11/06/2022	ND	2.04	102	2.00	6.47	
Toluene*	5.53	0.200	11/06/2022	ND	2.12	106	2.00	5.85	
Ethylbenzene*	15.4	0.200	11/06/2022	ND	2.06	103	2.00	6.19	
Total Xylenes*	44.3	0.600	11/06/2022	ND	6.26	104	6.00	5.87	
Total BTEX	65.3	1.20	11/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	194	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/02/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	970	50.0	11/02/2022	ND	206	103	200	1.04	
DRO >C10-C28*	11100	50.0	11/02/2022	ND	194	96.8	200	1.92	
EXT DRO >C28-C36	1880	50.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	368	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	381	% 46.3-17	<i>'8</i>						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SP7 - SURF (H225119-07)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	11/06/2022	ND	2.04	102	2.00	6.47	
Toluene*	35.0	0.500	11/06/2022	ND	2.12	106	2.00	5.85	
Ethylbenzene*	61.8	0.500	11/06/2022	ND	2.06	103	2.00	6.19	
Total Xylenes*	106	1.50	11/06/2022	ND	6.26	104	6.00	5.87	
Total BTEX	203	3.00	11/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	151	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/02/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1910	50.0	11/02/2022	ND	206	103	200	1.04	
DRO >C10-C28*	11700	50.0	11/02/2022	ND	194	96.8	200	1.92	
EXT DRO >C28-C36	1950	50.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	460	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	393	% 46.3-17	78						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SP8 - SURF (H225119-08)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	17.0	1.00	11/08/2022	ND	2.04	102	2.00	6.47	
Toluene*	143	1.00	11/08/2022	ND	2.12	106	2.00	5.85	
Ethylbenzene*	90.2	1.00	11/08/2022	ND	2.06	103	2.00	6.19	
Total Xylenes*	153	3.00	11/08/2022	ND	6.26	104	6.00	5.87	
Total BTEX	403	6.00	11/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/02/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	3160	50.0	11/02/2022	ND	206	103	200	1.04	
DRO >C10-C28*	13100	50.0	11/02/2022	ND	194	96.8	200	1.92	
EXT DRO >C28-C36	2280	50.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	544	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	396	% 46.3-17	<i>'8</i>						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact Project Number: Sample Received By: FRONTIER FIELD SERVICES Tamara Oldaker

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SP9 - SURF (H225119-09)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	16.4	1.00	11/08/2022	ND	2.04	102	2.00	6.47	
Toluene*	115	1.00	11/08/2022	ND	2.12	106	2.00	5.85	
Ethylbenzene*	77.1	1.00	11/08/2022	ND	2.06	103	2.00	6.19	
Total Xylenes*	118	3.00	11/08/2022	ND	6.26	104	6.00	5.87	
Total BTEX	326	6.00	11/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/02/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2660	50.0	11/02/2022	ND	206	103	200	1.04	
DRO >C10-C28*	14900	50.0	11/02/2022	ND	194	96.8	200	1.92	
EXT DRO >C28-C36	2650	50.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	412	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	512	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/08/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SP10 - SURF (H225119-10)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/06/2022	ND	2.04	102	2.00	6.47	
Toluene*	0.332	0.050	11/06/2022	ND	2.12	106	2.00	5.85	
Ethylbenzene*	1.24	0.050	11/06/2022	ND	2.06	103	2.00	6.19	
Total Xylenes*	2.85	0.150	11/06/2022	ND	6.26	104	6.00	5.87	
Total BTEX	4.42	0.300	11/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/02/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	65.7	50.0	11/02/2022	ND	206	103	200	1.04	
DRO >C10-C28*	2290	50.0	11/02/2022	ND	194	96.8	200	1.92	
EXT DRO >C28-C36	508	50.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	107	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	119	% 46.3-17	<i>'</i> 8						

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Celey D. Keine



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



Company Name:	Hungry Horse L	TC	2.1.4				BIL	170				D	NAI YS	-	HEST			Pag
Project Manager:		C						BILL TO				A	ANALYSIS		REQUEST			Pa
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ess:	PO Box 1058					Compa	any Front	Company Frontier Field Services, LLC	vices, LLC									_
		State: NM	Zi	Zip: 88	88241	Attn:	Amber Groves	roves										_
	575 393-3386	Fax #:				Addres	Address: 47 Conoco Rd	noco Rd										_
_		Project Owner:		ntier Fiel	Frontier Field Services, LI	LLC City:	Maljamar											
Project Name: C	Caviness 6"					State: NM		Zip: 88264										
Project Location:	UL/ H Sec 11 T18S	8S - R33E				Phone	575	03-7992					_					
Sampler Name:	Eli Dominguez					Fax #							_					_
FOR LAB USE ONLY			-	7	MATRIY					_			_				_	_
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nalyses. All claims including those for negligence and any other cause whatsoever shall be deemed waved unless made in writing and received by Cardinal within 30 days after completion of the applicable enview. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by cleint, its subsidiaries, lifeliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardings of whether such claim is besend use.	use for negligence and any other of the liable for incidental or consect of or related to the performance	ause whatsoever shall uental damages, inclu of services hereunder i	Soever shall be deemed waived un mages, including without limitation, hereunder by Cardinal, regardless	ed unless m stion, busine diess of who	passed in contract or to nade in writing and recess interruptions, loss that the such claim is be	cort, shall be limit, sceived by Cardina s of use, or loss of	ed to the amou al within 30 day f profits incurred	nt paid by the clie s after completion t by client, its sub	nt for the n of the applicable sidiaries,			-			-		-	L
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Sampler - UPS - Bus	us - Other:	90/0.	Se.		Yes Yes	1	(Initials)											
Cardinal cannot a	Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476	ges Please f	ax written	chang	jes to 575-3	93-2476		-										_



November 11, 2022

DANIEL DOMINGUEZ Hungry Horse Environmental P.O. Box 1058

RE: CAVINESS 6"

Hobbs, NM 88240

Enclosed are the results of analyses for samples received by the laboratory on 11/04/22 14:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SP 1 - 8' (H225230-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	34.3	1.00	11/11/2022	ND	1.91	95.3	2.00	10.3	
Toluene*	102	1.00	11/11/2022	ND	1.97	98.6	2.00	7.62	
Ethylbenzene*	57.7	1.00	11/11/2022	ND	1.99	99.6	2.00	7.95	
Total Xylenes*	84.9	3.00	11/11/2022	ND	6.13	102	6.00	7.00	
Total BTEX	279	6.00	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/08/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1230	10.0	11/08/2022	ND	203	101	200	0.918	
DRO >C10-C28*	541	10.0	11/08/2022	ND	214	107	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	130	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	75.2	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: UL/H SEC 11 T18S - R33E

ma/ka

Sample ID: SP 2 - 4' (H225230-02)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.081	0.050	11/11/2022	ND	1.91	95.3	2.00	10.3	
Toluene*	0.083	0.050	11/11/2022	ND	1.97	98.6	2.00	7.62	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.99	99.6	2.00	7.95	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	6.13	102	6.00	7.00	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/08/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	203	101	200	0.918	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	214	107	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	83.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.6	% 46.3-17	78						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact Sample Received By: Project Number: FRONTIER FIELD SERVICES Shalyn Rodriguez

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SP 3 - 4' (H225230-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.91	95.3	2.00	10.3	
Toluene*	<0.050	0.050	11/11/2022	ND	1.97	98.6	2.00	7.62	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.99	99.6	2.00	7.95	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	6.13	102	6.00	7.00	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/08/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	203	101	200	0.918	
DRO >C10-C28*	21.8	10.0	11/08/2022	ND	214	107	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	80.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	76.9	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: UL/H SEC 11 T18S - R33E

ma/ka

Sample ID: SP 4 - 4' (H225230-04)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.91	95.3	2.00	10.3	
Toluene*	<0.050	0.050	11/11/2022	ND	1.97	98.6	2.00	7.62	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.99	99.6	2.00	7.95	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	6.13	102	6.00	7.00	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/08/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	203	101	200	0.918	
DRO >C10-C28*	28.8	10.0	11/08/2022	ND	214	107	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	73.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	70.0	% 46.3-17	8						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SP 5 - 4' (H225230-05)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.91	95.3	2.00	10.3	
Toluene*	0.083	0.050	11/11/2022	ND	1.97	98.6	2.00	7.62	
Ethylbenzene*	0.100	0.050	11/11/2022	ND	1.99	99.6	2.00	7.95	
Total Xylenes*	0.225	0.150	11/11/2022	ND	6.13	102	6.00	7.00	
Total BTEX	0.408	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/08/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	203	101	200	0.918	
DRO >C10-C28*	230	10.0	11/08/2022	ND	214	107	200	1.45	
EXT DRO >C28-C36	52.9	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	64.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	69.0	% 46.3-17	<i>'8</i>						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: UL/H SEC 11 T18S - R33E

ma/ka

Sample ID: SP 6 - 4' (H225230-06)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.91	95.3	2.00	10.3	
Toluene*	0.460	0.050	11/11/2022	ND	1.97	98.6	2.00	7.62	
Ethylbenzene*	0.405	0.050	11/11/2022	ND	1.99	99.6	2.00	7.95	
Total Xylenes*	0.823	0.150	11/11/2022	ND	6.13	102	6.00	7.00	
Total BTEX	1.69	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/08/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	13.7	10.0	11/08/2022	ND	203	101	200	0.918	
DRO >C10-C28*	913	10.0	11/08/2022	ND	214	107	200	1.45	
EXT DRO >C28-C36	172	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	45.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	67.3	% 46.3-17	8						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SP 7 - 4' (H225230-07)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.77	88.5	2.00	1.86	
Toluene*	0.105	0.050	11/11/2022	ND	1.81	90.4	2.00	0.0107	
Ethylbenzene*	0.234	0.050	11/11/2022	ND	1.80	89.8	2.00	2.04	
Total Xylenes*	0.695	0.150	11/11/2022	ND	5.59	93.1	6.00	0.435	
Total BTEX	1.03	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/08/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	22.7	10.0	11/08/2022	ND	203	101	200	0.918	
DRO >C10-C28*	945	10.0	11/08/2022	ND	214	107	200	1.45	
EXT DRO >C28-C36	184	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	87.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	78						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: UL/H SEC 11 T18S - R33E

ma/ka

Sample ID: SP 8 - 4' (H225230-08)

RTFY 8021R

B1EX 8021B	mg	/ kg	Analyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.77	88.5	2.00	1.86	
Toluene*	0.136	0.050	11/11/2022	ND	1.81	90.4	2.00	0.0107	
Ethylbenzene*	0.170	0.050	11/11/2022	ND	1.80	89.8	2.00	2.04	
Total Xylenes*	0.435	0.150	11/11/2022	ND	5.59	93.1	6.00	0.435	
Total BTEX	0.741	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/08/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	13.4	10.0	11/08/2022	ND	203	101	200	0.918	
DRO >C10-C28*	621	10.0	11/08/2022	ND	214	107	200	1.45	
EXT DRO >C28-C36	121	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	94.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104	% 46.3-17	8						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: UL/H SEC 11 T18S - R33E

ma/ka

Sample ID: SP 9 - 4' (H225230-09)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.77	88.5	2.00	1.86	
Toluene*	<0.050	0.050	11/11/2022	ND	1.81	90.4	2.00	0.0107	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.80	89.8	2.00	2.04	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	5.59	93.1	6.00	0.435	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/08/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	203	101	200	0.918	
DRO >C10-C28*	68.4	10.0	11/08/2022	ND	214	107	200	1.45	
EXT DRO >C28-C36	28.5	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	102	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SP 10 - 4' (H225230-10)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.77	88.5	2.00	1.86	
Toluene*	<0.050	0.050	11/11/2022	ND	1.81	90.4	2.00	0.0107	
Ethylbenzene*	< 0.050	0.050	11/11/2022	ND	1.80	89.8	2.00	2.04	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	5.59	93.1	6.00	0.435	
Total BTEX	<0.300	0.300	11/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/08/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	203	101	200	0.918	
DRO >C10-C28*	12.0	10.0	11/08/2022	ND	214	107	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	97.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.7	% 46.3-17	8						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



P.O. #: Company Fronti P.O. #: Company Fronti Address: 47 Co Address: 47 Co State: NM Zi Phone #: 575-7 Fax #: PRESERV. PRESERV. RESERV. PRESERV.	Marland, Hobbs, NM 88240 33-2326 FAX (575) 393-2476 Horse LLC Project Owner: Frontier Field Services, LLC City: Maljamar	Mariand, Hobbs, NM 88240 3-2326 FAX (575) 393-2476 B/LL TO Pominguez State: NM Zip: 88241 Attn: Amber Groves Frontier Field Services, LLC Address: 47 Conoco Rd Project Owner: Frontier Field Services, LLC State: NM Zip: 88264 State: NM Zip: 88264 State: NM Zip: 88264 Phone #: 575-703-7992 Inguez Phone #: 575-703-7992 AMATRIX PRESERV. SAMPLING GB R SS O R R R R R R R R R R R R R R R R
P.O. #: CONTAINERS ROUNDWATER ASTEWATER OIL UDGE HER: HER: HID/BASE: HER: HER: HER: HER: HER: HER: HER: HE	P.O. #: Company Frontier Field Services, LLC City: Maljamar State: NM Zip: 88264 Phone #: 575-703-7992 Fax #: PRESERV. SAMPLING THER CID/BASE: DE / COL THER	B LL TO
P.O. #: Company Fronti Attn: Amber G Address: 47 Cc City: Maljamar State: NM Zi Phone #: 575-7 Fax #: PRESERV.	P.O. #: Company Frontier Field Services, LLC Attn: Amber Groves Address: 47 Conoco Rd City: Maljamar State: NM Zip: 88264 Phone #: 575-703-7992 Fax #: PRESERV. SAMPLING	P.O. #: Company Frontier Field Services, LLC Attn: Amber Groves Address: 47 Conoco Rd City: Maljamar State: NM Zip: 88264 Phone #: 575-703-7992 Fax #: PRESERV. SAMPLING hloride Attn: BILL TO Attn: Amber Groves Address: 47 Conoco Rd City: Maljamar Size: NM Zip: 88264 Phone #: 575-703-7992
	Services, LLC Rd PLING	A Services, LLC Rd PH



November 18, 2022

DANIEL DOMINGUEZ
Hungry Horse Environmental
P.O. Box 1058

RE: CAVINESS 6"

Hobbs, NM 88240

Enclosed are the results of analyses for samples received by the laboratory on 11/14/22 14:43.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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/ga/lab accred certif.html.

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/14/2022 Sampling Date: 11/14/2022

Reported: 11/18/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SP 1 - 10' (H225380-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/15/2022	ND	2.14	107	2.00	1.88	
Toluene*	<0.050	0.050	11/15/2022	ND	2.21	111	2.00	1.87	
Ethylbenzene*	<0.050	0.050	11/15/2022	ND	2.10	105	2.00	1.48	
Total Xylenes*	<0.150	0.150	11/15/2022	ND	6.32	105	6.00	0.422	
Total BTEX	<0.300	0.300	11/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/16/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	206	103	200	2.73	
DRO >C10-C28*	17.1	10.0	11/16/2022	ND	185	92.3	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	86.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.3	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/14/2022 Sampling Date: 11/14/2022

Reported: 11/18/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact FRONTIER FIELD SERVICES Project Number: Sample Received By: Tamara Oldaker

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SP 5 - 4.5' (H225380-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/16/2022	ND	1.95	97.3	2.00	1.83	
Toluene*	<0.050	0.050	11/16/2022	ND	2.00	99.9	2.00	0.457	
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.01	101	2.00	1.08	
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.26	104	6.00	2.01	
Total BTEX	<0.300	0.300	11/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/16/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	206	103	200	2.73	
DRO >C10-C28*	102	10.0	11/16/2022	ND	185	92.3	200	3.06	
EXT DRO >C28-C36	20.9	10.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	86.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110 9	% 46.3-17	<i>'</i> 8						

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Celeg D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/14/2022 Sampling Date: 11/14/2022

Reported: 11/18/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact Tamara Oldaker Project Number: FRONTIER FIELD SERVICES Sample Received By:

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SP 6 - 4.5' (H225380-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/16/2022	ND	1.95	97.3	2.00	1.83	
Toluene*	<0.050	0.050	11/16/2022	ND	2.00	99.9	2.00	0.457	
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.01	101	2.00	1.08	
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.26	104	6.00	2.01	
Total BTEX	<0.300	0.300	11/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/16/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	206	103	200	2.73	
DRO >C10-C28*	25.4	10.0	11/16/2022	ND	185	92.3	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	82.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.1	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/14/2022 Sampling Date: 11/14/2022

Reported: 11/18/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: UL/H SEC 11 T18S - R33E

ma/ka

Sample ID: SP 7 - 4.5' (H225380-04)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/16/2022	ND	1.95	97.3	2.00	1.83	
Toluene*	<0.050	0.050	11/16/2022	ND	2.00	99.9	2.00	0.457	
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.01	101	2.00	1.08	
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.26	104	6.00	2.01	
Total BTEX	<0.300	0.300	11/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/16/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	206	103	200	2.73	
DRO >C10-C28*	242	10.0	11/16/2022	ND	185	92.3	200	3.06	
EXT DRO >C28-C36	46.2	10.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	83.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	114	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/14/2022 Sampling Date: 11/14/2022

Reported: 11/18/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SP 8 - 4.5' (H225380-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/16/2022	ND	1.95	97.3	2.00	1.83	
Toluene*	<0.050	0.050	11/16/2022	ND	2.00	99.9	2.00	0.457	
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.01	101	2.00	1.08	
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.26	104	6.00	2.01	
Total BTEX	<0.300	0.300	11/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/16/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	206	103	200	2.73	
DRO >C10-C28*	52.2	10.0	11/16/2022	ND	185	92.3	200	3.06	
EXT DRO >C28-C36	13.7	10.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	88.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	100 %	6 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/14/2022 Sampling Date: 11/14/2022

Reported: 11/18/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SP 9 - 4.5' (H225380-06)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/16/2022	ND	1.95	97.3	2.00	1.83	
Toluene*	<0.050	0.050	11/16/2022	ND	2.00	99.9	2.00	0.457	
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.01	101	2.00	1.08	
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.26	104	6.00	2.01	
Total BTEX	<0.300	0.300	11/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/16/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	206	103	200	2.73	
DRO >C10-C28*	18.6	10.0	11/16/2022	ND	185	92.3	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	80.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.0	% 46.3-17	8						

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Celey D. Keine



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



lan	- 1-	Hungry Horse LLC	-2476				Pag
Project Mana							
		107		BILL TO		ANALYSIS REQUEST	
Address: P	8			Company Frontier Field Services	Signal III		
City: Hobbs	S	State: NM	Zip: 88241	Attn: Amber Groves			
Phone #: 5	575 393-3386	Fax #:		25			
Project #:		Project Owner:	Frontier Field Services, LLC	City: Maljamar			
Project Name:	: Caviness 6"						
Project Location:	UL/ H Sec 11	T18S - R33E		#: 575			
Sampler Name:	e: Bradley Wells						
FOR LAB USE ONLY			MATRIX	PRESERV SAMPLING			
Lab I.D.	Sample I.D.	i.D.	AB OR (C)OMP. NTAINERS UNDWATER FEWATER GE	BASE: COOL R:			
H225380	-		# CON	OTHE ACID/I ICE / C OTHE DATE	Chlor TPH BTEX		
	SP1-10'		×	×	× (
2	SP5-4.5'		G 1 X		× ;		
U	SP6-4.5'		G 1 X		× ;		
4	SP7-4.5'		G 1 X		× >		
V	SP8-4.5		G 1 X		×		
6	SP9-4.5		G	X 11/14/22	×		
*LEASE NOTE: Liability a	nd Damages, Cardinal's liability and of	ande avelunta race de fe					
analyses. All claims including service. In no event shall Card affiliates or successors arising	ing those for negligence and any other ardinal be liable for incidental or cons- ing out of or related to the performano	cause whatsoever shall be dee equental damages, including wite of services hereunder by Card	med waived unless made in vithout limitation, business inter- tiout limitation, business inter- tinal, regardless of whether su	contract or fort, shall be limited to the amount paid by the cli- writing and received by Cardinal within 30 days after complete ruptions, loss of use, or loss of profits incurred by client, its sui- ch claim is based upon any of the about cardinal.	ent for the not the applicable teathers.		
8	College Colleg	Time: 42	Received W:	PH	Phone Result:	□ No Add'I Phone #: □ No Add'I Fax #:	
Relinquished By:	γ:	Date:	Received By:	The second	s to:	pm@hungry-horse.com	
0/ 0	Delivered Bv: (Circle One) sampler - UPS - Bus - Other:	10° /2.4	#//3 Sample Condition Cool Intact Yes Tes	CHECKED BY:	agrove	agroves@durangomidstream.com	
† Cardinal canr		nges. Please fax	Cardinal cannot accept verbal changes Please fay written changes to 575 202 207	-			L



November 28, 2022

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

RE: CAVINESS 6"

Enclosed are the results of analyses for samples received by the laboratory on 11/21/22 15:18.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/21/2022 Sampling Date: 11/21/2022

Reported: 11/28/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SP5 - 5' (H225486-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	1.92	96.0	2.00	7.81	
Toluene*	<0.050	0.050	11/23/2022	ND	2.16	108	2.00	9.03	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	1.96	97.8	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	5.91	98.5	6.00	8.94	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/22/2022	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	202	101	200	3.24	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	199	99.4	200	0.00252	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	101	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/21/2022 Sampling Date: 11/21/2022

Reported: 11/28/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL/H SEC 11 T18S - R33E

mg/kg

Sample ID: SP7 - 5' (H225486-02)

BTEX 8021B

DIEX GOZID	1119/	<u>ng</u>	Allulyzo	.u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	1.92	96.0	2.00	7.81	
Toluene*	<0.050	0.050	11/23/2022	ND	2.16	108	2.00	9.03	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	1.96	97.8	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	5.91	98.5	6.00	8.94	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/22/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	202	101	200	3.24	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	199	99.4	200	0.00252	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	102 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 9	26 46.3-17	8						

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Celeg & Frence



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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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



10	101 East Marland, Hobbs, NM 88240	d, Hobbs, N	M 88240						ge 5
Company Name:	Hungry Horse LLC	FAX (oro)	393-24/6						Pa
Project Manager:	Daniel Dominguez	107			BILL TO		AI	ANALYSIS REQUEST	
Address: PO Box 1058	1058				Frontier Field Continue	;]			
City: Hobbs		State: NM		Zip: 88241	Attn: Amher Groves	EEC			
Phone #: 575 393-3386	3-3386	Fax #:	-						
Project #:		Project Owner:		Frontier Field Services, LLC	City: Maliamar				
Project Name: Cav	Caviness 6"					_			
Project Location:	UL/ H Sec 11 T18S	18S - R33E			#. 575	_			
Sampler Name:	Eli Dominguez	- 1			1 110116 #. 010-100-139Z				
L	Ell Dolllilliguez				Fax #:				
				R	PRESERV. SAMPLING				
Lab I.D. H225486	Sample I.D.	I.D.	(G)RAB OR (C)	# CONTAINERS GROUNDWATE WASTEWATER SOIL DIL SLUDGE	OTHER: ACID/BASE: CE / COOL OTHER:	Chloride	BTEX 8021		
SP5-5'	-5'		$\overline{}$	×	X 11/21/22	× (× E		
Z SP7-5'	-5'		ה	<)	1	+	×		
			6	>	X 11/21/22	×	×		
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analyses. All claims including those to service. In no event shall Cardinal be I affiliates or successors arising out of or	ing those for negligence and any other ardinal be liable for incidental or conseing out of or related to the performance	cause whatsoever shi equental damages, inc e of services hereunde	e Whatsoever shall be deemed waived unless ma tal damages, including without limitation, busines invices hereunder by Cardinal, regardless of whe	ed unless made in writing and receivation, business interruptions, loss of diess of whether such claim is base	analyses. All claims including those for negligence and any other cause whatsoever shall be demend waived unless made in writing and received by Cardinal to the amount paid by the client for the service. In no event shall cardinal be liable for incidental or consequental damages, including without inntation, business interruptions, loss of use, or loss of profits incurred by client, is subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stand reasoner or absorbing the control of the above stand reasoner or absorbing to the control of the above stand reasoner or absorbing to the control of the above stand reasoner or absorbing to the control of the above stand reasoner or absorbing to the control of the above stand reasoner or absorbing to the control of the above stand reasoner or absorbing to the control of the above stand reasoner or absorbing to the control of the above stand reasoner or absorbing to the control of the above stand reasoner or absorbing to the control of the above stand reasoner or absorbing to the control of the above stand reasoner or absorbing to the control of the above stand reasoner or above the control of the above stand reasoner or absorbing to the control of the above stand reasoner or absorbing to the control of the above stand reasoner or absorbing to the control of the above standard reasoner or above the control of the above standard reasoner or above the control of the above standard reasoner or above the control of the above standard reasoner or above the control of the above standard reasoner or above the control of the above standard reasoner or above the control of the above standard reasoner or above the control of the above standard reasoner or above the control of the above standard reasoner or above the control of the above standard reasoner or above the control of the above standard reasoner or above the control of the above standard reasone	applicable			
シラ		Date.	N	Received by:	Phone Result:	lt: ☐ Yes	No No	Add'l Phone #:	
Relinquished By:	rguer	1. 3:18		Manueta L	REM.		1	ulrax#:	
		Time:	7000	Necelled by.	Ema	Email results to:	pm@hungry-horse.com	irse.com	
Delivered By: (Circ Sampler - UPS - Bus	(Circle One)		#113	Sample Condition	CHECKED BY:		agroves@duran	agroves@durangomidstream.com	
9	cept verbal char	ges. Please	5.5c	Changes to 575-393	1				
		Sec. Lineage	IGN WILLTELL	CRS-C/C 01 Sanithin	MI NO				



November 30, 2022

DANIEL DOMINGUEZ
Hungry Horse Environmental
P.O. Box 1058

RE: CAVINESS 6"

Hobbs, NM 88240

Enclosed are the results of analyses for samples received by the laboratory on 11/23/22 12:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: FL 1 (H225554-01)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.94	97.1	2.00	0.849	
Toluene*	<0.050	0.050	11/28/2022	ND	2.08	104	2.00	0.361	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	103	2.00	0.817	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.650	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/28/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	212	106	200	0.877	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	197	98.5	200	0.243	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	96.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: UL/H SEC 11 T18S - R33E

ma/ka

Sample ID: FL 2 (H225554-02)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.94	97.1	2.00	0.849	
Toluene*	<0.050	0.050	11/28/2022	ND	2.08	104	2.00	0.361	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	103	2.00	0.817	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.650	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	11/28/2022	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	212	106	200	0.877	
DRO >C10-C28*	74.8	10.0	11/28/2022	ND	197	98.5	200	0.243	
EXT DRO >C28-C36	14.9	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	93.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	<i>'8</i>						

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Celey & Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: UL/H SEC 11 T18S - R33E

mg/kg

Sample ID: FL 3 (H225554-03)

BTEX 8021B

DILX OUZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.94	97.1	2.00	0.849	
Toluene*	<0.050	0.050	11/28/2022	ND	2.08	104	2.00	0.361	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	103	2.00	0.817	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.650	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	85.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/28/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	212	106	200	0.877	
DRO >C10-C28*	46.5	10.0	11/28/2022	ND	197	98.5	200	0.243	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	84.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.0	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: UL/H SEC 11 T18S - R33E

mg/kg

Sample ID: FL 4 (H225554-04)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.94	97.1	2.00	0.849	
Toluene*	<0.050	0.050	11/28/2022	ND	2.08	104	2.00	0.361	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	103	2.00	0.817	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.650	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.1	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/28/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	212	106	200	0.877	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	197	98.5	200	0.243	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	84.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.6	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: UL/H SEC 11 T18S - R33E

mg/kg

Sample ID: FL 5 (H225554-05)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.94	97.1	2.00	0.849	
Toluene*	<0.050	0.050	11/28/2022	ND	2.08	104	2.00	0.361	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	103	2.00	0.817	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.650	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.0	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/28/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	212	106	200	0.877	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	197	98.5	200	0.243	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	97.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact Sample Received By: Project Number: FRONTIER FIELD SERVICES Shalyn Rodriguez

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: FL 6 (H225554-06)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.94	97.1	2.00	0.849	
Toluene*	<0.050	0.050	11/28/2022	ND	2.08	104	2.00	0.361	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	103	2.00	0.817	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.650	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.2	% 69.9-14	0						
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	11/28/2022	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	212	106	200	0.877	
DRO >C10-C28*	51.5	10.0	11/28/2022	ND	197	98.5	200	0.243	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	93.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 9	6 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: UL/H SEC 11 T18S - R33E

ma/ka

Sample ID: FL 7 (H225554-07)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.94	97.1	2.00	0.849	
Toluene*	<0.050	0.050	11/28/2022	ND	2.08	104	2.00	0.361	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	103	2.00	0.817	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.650	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.0	% 69.9-14	0						
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	11/28/2022	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	229	115	200	6.91	
DRO >C10-C28*	107	10.0	11/28/2022	ND	200	99.9	200	11.8	
EXT DRO >C28-C36	10.4	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	92.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.7	% 46.3-17	78						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: UL/H SEC 11 T18S - R33E

mg/kg

Sample ID: FL 8 (H225554-08)

BTEX 8021B

DILX GOZID	mg/	K9	Alldiyzo	a by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.94	97.1	2.00	0.849	
Toluene*	<0.050	0.050	11/28/2022	ND	2.08	104	2.00	0.361	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	103	2.00	0.817	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.650	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/28/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	229	115	200	6.91	
DRO >C10-C28*	216	10.0	11/28/2022	ND	200	99.9	200	11.8	
EXT DRO >C28-C36	36.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	89.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.9	% 46.3-17	8						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: UL/H SEC 11 T18S - R33E

mg/kg

Sample ID: FL 9 (H225554-09)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.94	97.1	2.00	0.849	
Toluene*	<0.050	0.050	11/28/2022	ND	2.08	104	2.00	0.361	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	103	2.00	0.817	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.650	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/28/2022	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	229	115	200	6.91	
DRO >C10-C28*	73.5	10.0	11/28/2022	ND	200	99.9	200	11.8	
EXT DRO >C28-C36	11.6	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	96.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.3	% 46.3-17	8						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: UL/H SEC 11 T18S - R33E

mg/kg

Sample ID: FL 10 (H225554-10)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.94	97.1	2.00	0.849	
Toluene*	<0.050	0.050	11/28/2022	ND	2.08	104	2.00	0.361	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	103	2.00	0.817	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.650	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/28/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	229	115	200	6.91	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	200	99.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	104	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.8	% 46.3-17	8						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: UL/H SEC 11 T18S - R33E

ma/ka

Sample ID: FL 11 (H225554-11)

RTFY 8021R

Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	11/28/2022	ND	1.94	97.1	2.00	0.849	
<0.050	0.050	11/28/2022	ND	2.08	104	2.00	0.361	
<0.050	0.050	11/28/2022	ND	2.05	103	2.00	0.817	
<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.650	
<0.300	0.300	11/28/2022	ND					
87.5	% 69.9-14	0						
mg/kg		Analyzed By: AC						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
32.0	16.0	11/28/2022	ND	432	108	400	3.64	
mg/	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	11/28/2022	ND	229	115	200	6.91	
52.5	10.0	11/28/2022	ND	200	99.9	200	11.8	
<10.0	10.0	11/28/2022	ND					
102 5	% 45.3-16	1						
98.9	% 46.3-17	8						
-	<0.050 <0.050 <0.050 <0.150 <0.300 87.5 mg/ Result 32.0 mg/ Result <10.0 52.5 <10.0	<0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 87.5 % 69.9-14 mg/kg Result Reporting Limit 32.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 52.5 <10.0 <10.0 <10.0 45.3-16	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: UL/H SEC 11 T18S - R33E

ma/ka

Sample ID: FL 12 (H225554-12)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.94	97.1	2.00	0.849	
Toluene*	<0.050	0.050	11/28/2022	ND	2.08	104	2.00	0.361	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	103	2.00	0.817	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.650	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.7	% 69.9-14	0						
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	11/28/2022	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	229	115	200	6.91	
DRO >C10-C28*	204	10.0	11/28/2022	ND	200	99.9	200	11.8	
EXT DRO >C28-C36	39.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	94.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.8	% 46.3-17	8						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: UL/H SEC 11 T18S - R33E

mg/kg

Sample ID: FL 13 (H225554-13)

BTEX 8021B

DILX OUZID	ıııg,	, kg	Alldiyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.95	97.3	2.00	1.58	
Toluene*	<0.050	0.050	11/28/2022	ND	2.18	109	2.00	2.54	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.799	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/28/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	229	115	200	6.91	
DRO >C10-C28*	11.4	10.0	11/28/2022	ND	200	99.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	106	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: UL/H SEC 11 T18S - R33E

mg/kg

Sample ID: FL 14 (H225554-14)

BTEX 8021B

DILX OUZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.95	97.3	2.00	1.58	
Toluene*	<0.050	0.050	11/28/2022	ND	2.18	109	2.00	2.54	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.799	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/28/2022	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	229	115	200	6.91	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	200	99.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	95.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	100	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: UL/H SEC 11 T18S - R33E

mg/kg

Sample ID: FL 15 (H225554-15)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.95	97.3	2.00	1.58	
Toluene*	<0.050	0.050	11/28/2022	ND	2.18	109	2.00	2.54	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.799	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/28/2022	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	229	115	200	6.91	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	200	99.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	102	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.7	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: UL/H SEC 11 T18S - R33E

mg/kg

Sample ID: FL 16 (H225554-16)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.95	97.3	2.00	1.58	
Toluene*	<0.050	0.050	11/28/2022	ND	2.18	109	2.00	2.54	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.799	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/28/2022	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	229	115	200	6.91	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	200	99.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	84.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.5	% 46.3-17	8						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: UL/H SEC 11 T18S - R33E

mg/kg

Sample ID: FL 17 (H225554-17)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.95	97.3	2.00	1.58	
Toluene*	<0.050	0.050	11/28/2022	ND	2.18	109	2.00	2.54	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.799	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
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	11/28/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	229	115	200	6.91	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	200	99.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	84.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.4	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: UL/H SEC 11 T18S - R33E

ma/ka

Sample ID: FL 18 (H225554-18)

RTFY 8021R

Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	11/28/2022	ND	1.95	97.3	2.00	1.58	
<0.050	0.050	11/28/2022	ND	2.18	109	2.00	2.54	
<0.050	0.050	11/28/2022	ND	2.05	102	2.00	1.20	
<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.799	
<0.300	0.300	11/28/2022	ND					
99.7	% 69.9-14	0						
mg/kg		Analyzed By: AC						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<16.0	16.0	11/28/2022	ND	400	100	400	7.69	
mg/	kg	Analyzed By: MS						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	11/28/2022	ND	229	115	200	6.91	
<10.0	10.0	11/28/2022	ND	200	99.9	200	11.8	
<10.0	10.0	11/28/2022	ND					
92.3	% 45.3-16	1						
89.7	% 46.3-17	8						
-	<0.050 <0.050 <0.050 <0.150 <0.300 99.79 mg/ Result <16.0 mg/ Result <10.0 <10.0 <92.33	<0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 99.7 % 69.9-14 mg/kg Result Reporting Limit <16.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <23 % 45.3-16	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: UL/H SEC 11 T18S - R33E

mg/kg

Sample ID: FL 19 (H225554-19)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.95	97.3	2.00	1.58	
Toluene*	<0.050	0.050	11/28/2022	ND	2.18	109	2.00	2.54	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.799	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 69.9-14	0						
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	11/28/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	229	115	200	6.91	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	200	99.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	110	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 46.3-17	8						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: FL 20 (H225554-20)

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	11/28/2022	ND	1.95	97.3	2.00	1.58	
Toluene*	<0.050	0.050	11/28/2022	ND	2.18	109	2.00	2.54	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.799	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	69.9-14	0						
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	11/28/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	229	115	200	6.91	
DRO >C10-C28*	11.8	10.0	11/28/2022	ND	200	99.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	101 %	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101 9	% 46.3-17	8						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact Project Number: Sample Received By: FRONTIER FIELD SERVICES Shalyn Rodriguez

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: FL 21 (H225554-21)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.95	97.3	2.00	1.58	
Toluene*	<0.050	0.050	11/28/2022	ND	2.18	109	2.00	2.54	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.799	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
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	11/28/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	229	115	200	6.91	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	200	99.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	97.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.9	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact Sample Received By: Project Number: FRONTIER FIELD SERVICES Shalyn Rodriguez

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: FL 22 (H225554-22)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.95	97.3	2.00	1.58	
Toluene*	<0.050	0.050	11/28/2022	ND	2.18	109	2.00	2.54	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.799	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
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	11/28/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	229	115	200	6.91	
DRO >C10-C28*	21.6	10.0	11/28/2022	ND	200	99.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	96.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.8	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: FL 23 (H225554-23)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.95	97.3	2.00	1.58	
Toluene*	<0.050	0.050	11/28/2022	ND	2.18	109	2.00	2.54	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.799	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/28/2022	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	229	115	200	6.91	
DRO >C10-C28*	66.6	10.0	11/28/2022	ND	200	99.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	91.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.2	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact Project Number: Sample Received By: FRONTIER FIELD SERVICES Shalyn Rodriguez

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: FL 24 (H225554-24)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.95	97.3	2.00	1.58	
Toluene*	<0.050	0.050	11/28/2022	ND	2.18	109	2.00	2.54	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.799	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
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	11/28/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	229	115	200	6.91	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	200	99.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	89.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.9	26 46.3-17	8						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: FL 25 (H225554-25)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.95	97.3	2.00	1.58	
Toluene*	<0.050	0.050	11/28/2022	ND	2.18	109	2.00	2.54	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.799	
Total BTEX	<0.300	0.300	11/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/28/2022	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	229	115	200	6.91	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	200	99.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	93.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.2	% 46.3-17	<i>'8</i>						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: UL/H SEC 11 T18S - R33E

ma/ka

Sample ID: FL 26 (H225554-26)

RTFY 8021R

Analyzed 11/28/2022	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
11/28/2022	ND					
	ND	1.95	97.3	2.00	1.58	
11/28/2022	ND	2.18	109	2.00	2.54	
11/28/2022	ND	2.05	102	2.00	1.20	
11/28/2022	ND	6.20	103	6.00	0.799	
11/28/2022	ND					
Analyze	d By: AC					
Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
11/28/2022	ND	400	100	400	7.69	
Analyze	d By: MS					
Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
11/28/2022	ND	229	115	200	6.91	
11/28/2022	ND	200	99.9	200	11.8	
11/28/2022	ND					
	11/28/2022 Analyze Analyzed 11/28/2022 11/28/2022 11/28/2022	11/28/2022 ND Analyzed By: MS Analyzed Method Blank 11/28/2022 ND 11/28/2022 ND 11/28/2022 ND	11/28/2022 ND 400 Analyzed By: MS Analyzed Method Blank BS 11/28/2022 ND 229 11/28/2022 ND 200 11/28/2022 ND	11/28/2022 ND 400 100 Analyzed By: MS Analyzed Method Blank BS % Recovery 11/28/2022 ND 229 115 11/28/2022 ND 200 99.9 11/28/2022 ND	11/28/2022 ND 400 100 400 Analyzed By: MS Analyzed Method Blank BS % Recovery True Value QC 11/28/2022 ND 229 115 200 11/28/2022 ND 200 99.9 200 11/28/2022 ND V V V	11/28/2022 ND 400 100 400 7.69 Analyzed By: MS Analyzed Method Blank BS % Recovery True Value QC RPD 11/28/2022 ND 229 115 200 6.91 11/28/2022 ND 200 99.9 200 11.8 11/28/2022 ND 11/28/2022 ND 11/28/2022 ND

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: FL 27 (H225554-27)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.95	97.3	2.00	1.58	
Toluene*	<0.050	0.050	11/29/2022	ND	2.18	109	2.00	2.54	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.05	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.20	103	6.00	0.799	
Total BTEX	<0.300	0.300	11/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/28/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	213	106	200	3.10	
DRO >C10-C28*	12.2	10.0	11/28/2022	ND	212	106	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	103	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	121	% 46.3-17	<i>'</i> 8						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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CARDINAL

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240	bbs, NM 88240																				3(
(575) 393-2326 FAX (575) 393-2476	((575) 393-247	3,																			Je
Company Name: Hungry Horse LLC								15/		В	BILL	. 70					ANALYSIS	1	REQUEST		Pag
							7	P.O.	#:						_					_	_
S.							_	Com	pan	y F	rontie	Company Frontier Field Services, LLC	ices, LLC								
lobbs	State: NM	Zip:		88241			_	Attn:		mbe	ar G	Amber Groves									
e#: 575 393-3386	Fax #:						_	Add	ress	4	700	Address: 47 Conoco Rd									
	Project Owner:	Frontier Field Services, LLC	er Fie	ld Se	Nice	S, LI		City:	2	Maljamar	mar										
Project Name: Caviness 6"							10	State: NM	9.	Z	Zi	Zip: 88264									
Project Location: UL/ H Sec 11 T18S - R33E	- R33E						_	Pho	ne #	5	75-7	Phone #: 575-703-7992									
Sampler Name: Bradley Wells							_	Fax #:	#												
٦			Н	11	MAT	MATRIX	1	77	RES	PRESERV.		SAMPLING	G								
Lab I.D. Sample I.D.		(G)RAB OR (C)OMP # CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL OTHER :	OTHER.	DATE	TIME	Chloride	ТРН	BTEX 8021					
	13	0	-		×		11/			×	-	11/23/22		×	×	×					
		0	-		×			-		×	1	11/23/22		×	×	×					
		C	-		×					×	-	11/23/22		×	×	×		-			-
t FL4		0	-		×					×	-	11/23/22		×	×	×				-	-
		C	-		×					×	1	11/23/22		×	×	×				-	
(0 FL6		0	-		×					×	-	11/23/22		×	×	×		-			
7 FL7		C	-		×				-	×	-	11/23/22		×	×	×		-			
FL8		C			×				-	×	-	11/23/22		×	×	×					
9 FL9		_	-	+	×				-	×	4 14	11/23/22		××	××	××		+			
PLEASE NOTE: Liability and Damages. Cardinal's liability and client analyses. All claims including those for negligence and any other car	ardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to be amount paid by the client for the plagence and any other cause whatsoever shall be deemed waived unless made in willing and received by Cardinal within 30 days after completion of the applicable places of the contract	aim arisin ned waiw	ing whother based in contract or tort, shall be lim wed unless made in writing and received by Cardi haken huminess interruptions loss of use or hoss	ther ba	sed in w	contrac iting an	t or tox	t, shall	be lim Cardi	aited to the inal within	the and	nount paid by the o days after comple urred by client, its:	client for the etion of the applical subsidiaries.	ble							
affinates or successors arising out of or related to the performance of Relinquished By:	Date: 11/23/23 Time:32/47	Rec.	Received By:	d By	O :	Ch clain	nisba	Sed up	on any	of the	above	claim is based upon any of the above stated reasons or	Phone Result: Fax Result: REMARKS:		□ Yes	□ No	Add'l Phone #: Add'l Fax #:	#: #:			
Refinquished By:	Date:	Rec	Received By:	d B	.:		9	1			^	9	Email results to:	sults		pm@hungry-horse.com	ry-horse.co	om			
	Time:														01	agroves@durangomidstream.com	durangomi	idstream	.com		
Delivered By: (Circle One) - O . Sampler - UPS - Bus - Other:	4:00.00	22.		Cos	TYes	Sample Condition Cool Intact Yes Yes	res Yes	9	_ ^ _	礼記	CKE	CHECKED BY: (Initials)									

Relinquished By:

Time 247 Date: Time:

Received By:

13333

Phone Result: REMARKS:

□ Yes

O No

Add'l Phone #: Add'l Fax #:

Email results to:

pm@hungry-horse.com

agroves@durangomidstream.com

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Relinquished By

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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	101 East Marland, Hobbs, NM 88240	d, Hobbs, NI	M 88240					31
	(575) 393-2326 FAX (575) 393-2476	FAX (575)	393-2476					ge
Company Name:	Hungry Horse LLC	TC		BILL TO	1	AN	ANALYSIS REQUEST	Pa
Project Manager:	Daniel Dominguez	lez		P.O. #:	-	_		<u>-</u>
Address: POB	PO Box 1058			Company Frontier Field Services, LLC				_
City: Hobbs		State: NM	Zip: 88241	Attn: Amber Groves				_
Phone #: 575 3	575 393-3386	Fax #:		Address: 47 Conoco Rd				_
Project #:		Project Owner:	ner: Frontier Field Services, LLC	City: Maljamar				_
Project Name: C	Caviness 6"			State: NM Zip: 88264		_		_
Project Location:	UL/ H Sec 11	T18S - R33E		Phone #: 575-703-7992	_			
Sampler Name:	Bradley Wells			Fax #:				
FOR LAB USE ONLY			MATRIX	PRESERV. SAMPLING	_			_
Lab I.D.	Sample I.D.	.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER: DATE	Chloride TPH	BTEX 8021		
[] F	FL11		×	X 11/23/22		×		
	FL12		C 1 ×	X 11/23/22	×	×		
13	FL13		C 1 ×	X 11/23/22	×	×		
14 F	FL14		C 1 X	X 11/23/22	×	×		
5	FL15		C 1 X	X 11/23/22	×	×		
160 F	FL16		C 1 X	X 11/23/22		×		
17 F	FL17		C 1 ×	X 11/23/22	×	×		
18 F	FL18		C 1 X	X 11/23/22		×		
	FL19		C 1 X	X 11/23/22	×	×		
20 F	FL20		C 1 ×	20 FL20 C 1 X 11/23/22	×	×		

0.60

Sample Condition
Cool Intact
Yes Yes
No No

CHECKED BY:

Sampler - UPS - Bus - Other:

Delivered By: (Circle One)_O.4%)C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	Hobbs AX (57	, NM 882	76			1				1		4	3						5		5		4				age 32	~~~ ~~ '
Company Name:	Hungry Horse LLC	C											BILL	LTO					ANALYSIS	YSI		EQ	REQUEST	TS				Par	. uį
Project Manager:	Daniel Dominguez	2								P.O.	#:							_						_			_	\vdash	1 '
Address: PO Bo	PO Box 1058									Cor	Company		Fron	Frontier Field Services,	rices, LLC									_					
City: Hobbs		State:	MN	Zip:		88241	7			Attn:		Ame	er C	Amber Groves							_			_					
e #:	575 393-3386	Fax #:			-					Ado	dres	S:	17 C	Address: 47 Conoco Rd										_					
		Project Owner:	Owner:	Frontier Field Services, LLC	ler Fi	eld S	evic	es,		City:		Maljamar	ama	-										_			_		$\overline{}$
ame:	Caviness 6"									Sta	State: NM	Z	N	Zip: 88264							_			_			_		
Project Location:	UL/ H Sec 11 T18S	3S - R33E	Ĩ.							Pho	Phone #:		575-	575-703-7992							_			_			_		
Sampler Name:	Bradley Wells									Fax #:	#						_				_			_					
FOR LAB USE ONLY					Н		MA	MATRIX			PRE	PRESERV.	?	SAMPLING	G			_			_			_			_		$\overline{}$
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	ТРН	BTEX 8021											
	FL21			C	-		×		1			×		11/23/22		×	×	×			-			-	1		-		_
عر	FL22			C	-		×					×	-	11/23/22		×	×	×			\vdash			-			-		_
	FL23			C	-		×					×		11/23/22		×	×	×			\vdash			-			-		_
	FL24			C	-	_	×					×		11/23/22		×	×	×			-			-			-		_
V.	FL25			C	-	-	×					×		11/23/22		×	×	×			H			-			-		_
,	FL26			C	-		×	_				×	_	11/23/22		×	×	×		T	-			-			-		_
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November 30, 2022

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: CAVINESS 6"

Enclosed are the results of analyses for samples received by the laboratory on 11/23/22 12:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Fax To: (505) 391-4585

11/23/2022 Received: 11/23/2022 Sampling Date:

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SW 1 (H225555-01)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.95	97.3	2.00	1.58	
Toluene*	<0.050	0.050	11/29/2022	ND	2.18	109	2.00	2.54	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.05	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.20	103	6.00	0.799	
Total BTEX	<0.300	0.300	11/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	213	106	200	3.10	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	212	106	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	91.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	112 9	% 46.3-17	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SW 2 (H225555-02)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.95	97.3	2.00	1.58	
Toluene*	<0.050	0.050	11/29/2022	ND	2.18	109	2.00	2.54	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.05	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.20	103	6.00	0.799	
Total BTEX	<0.300	0.300	11/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	221	111	200	3.43	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	191	95.5	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	97.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106	% 46.3-17	78						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SW 3 (H225555-03)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.95	97.3	2.00	1.58	
Toluene*	<0.050	0.050	11/29/2022	ND	2.18	109	2.00	2.54	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.05	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.20	103	6.00	0.799	
Total BTEX	<0.300	0.300	11/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	221	111	200	3.43	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	191	95.5	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	93.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	78						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SW 4 (H225555-04)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.95	97.3	2.00	1.58	
Toluene*	<0.050	0.050	11/29/2022	ND	2.18	109	2.00	2.54	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.05	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.20	103	6.00	0.799	
Total BTEX	<0.300	0.300	11/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	221	111	200	3.43	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	191	95.5	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	93.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	78						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SW 5 (H225555-05)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.95	97.3	2.00	1.58	
Toluene*	<0.050	0.050	11/29/2022	ND	2.18	109	2.00	2.54	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.05	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.20	103	6.00	0.799	
Total BTEX	<0.300	0.300	11/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	221	111	200	3.43	
DRO >C10-C28*	25.6	10.0	11/28/2022	ND	191	95.5	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	121	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	135	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SW 6 (H225555-06)

BTEX 8021B	mg	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.91	95.5	2.00	1.95	
Toluene*	<0.050	0.050	11/29/2022	ND	2.21	110	2.00	2.08	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.12	106	2.00	1.91	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.43	107	6.00	1.73	
Total BTEX	<0.300	0.300	11/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	221	111	200	3.43	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	191	95.5	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	103	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SW 7 (H225555-07)

BTEX 8021B	mg	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.91	95.5	2.00	1.95	
Toluene*	<0.050	0.050	11/29/2022	ND	2.21	110	2.00	2.08	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.12	106	2.00	1.91	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.43	107	6.00	1.73	
Total BTEX	<0.300	0.300	11/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	221	111	200	3.43	
DRO >C10-C28*	84.0	10.0	11/28/2022	ND	191	95.5	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	113	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	128	% 46.3-17	78						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SW 8 (H225555-08)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.91	95.5	2.00	1.95	
Toluene*	<0.050	0.050	11/29/2022	ND	2.21	110	2.00	2.08	
Ethylbenzene*	0.175	0.050	11/29/2022	ND	2.12	106	2.00	1.91	
Total Xylenes*	0.222	0.150	11/29/2022	ND	6.43	107	6.00	1.73	
Total BTEX	0.397	0.300	11/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	24.0	10.0	11/28/2022	ND	221	111	200	3.43	
DRO >C10-C28*	1990	10.0	11/28/2022	ND	191	95.5	200	5.66	
EXT DRO >C28-C36	359	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	111	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116	% 46.3-17	8						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SW 9 (H225555-09)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.91	95.5	2.00	1.95	
Toluene*	<0.050	0.050	11/29/2022	ND	2.21	110	2.00	2.08	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.12	106	2.00	1.91	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.43	107	6.00	1.73	
Total BTEX	<0.300	0.300	11/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	221	111	200	3.43	
DRO >C10-C28*	25.3	10.0	11/28/2022	ND	191	95.5	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	104	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	118	% 46.3-17	78						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact Project Number: Sample Received By: FRONTIER FIELD SERVICES Shalyn Rodriguez

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SW 10 (H225555-10)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.91	95.5	2.00	1.95	
Toluene*	0.233	0.050	11/29/2022	ND	2.21	110	2.00	2.08	
Ethylbenzene*	0.233	0.050	11/29/2022	ND	2.12	106	2.00	1.91	
Total Xylenes*	0.283	0.150	11/29/2022	ND	6.43	107	6.00	1.73	
Total BTEX	0.749	0.300	11/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	221	111	200	3.43	
DRO >C10-C28*	159	10.0	11/30/2022	ND	191	95.5	200	5.66	
EXT DRO >C28-C36	78.8	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	76.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.2	% 46.3-17	8						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SW 11 (H225555-11)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.91	95.5	2.00	1.95	
Toluene*	<0.050	0.050	11/29/2022	ND	2.21	110	2.00	2.08	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.12	106	2.00	1.91	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.43	107	6.00	1.73	
Total BTEX	<0.300	0.300	11/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	221	111	200	3.43	
DRO >C10-C28*	<10.0	10.0	11/30/2022	ND	191	95.5	200	5.66	
EXT DRO >C28-C36	15.9	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	94.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SW 12 (H225555-12)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.91	95.5	2.00	1.95	
Toluene*	0.066	0.050	11/29/2022	ND	2.21	110	2.00	2.08	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.12	106	2.00	1.91	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.43	107	6.00	1.73	
Total BTEX	<0.300	0.300	11/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	221	111	200	3.43	
DRO >C10-C28*	127	10.0	11/28/2022	ND	191	95.5	200	5.66	
EXT DRO >C28-C36	20.3	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	92.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	118	% 46.3-17	78						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: UL/H SEC 11 T18S - R33E

ma/ka

Sample ID: SW 13 (H225555-13)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.91	95.5	2.00	1.95	
Toluene*	<0.050	0.050	11/29/2022	ND	2.21	110	2.00	2.08	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.12	106	2.00	1.91	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.43	107	6.00	1.73	
Total BTEX	<0.300	0.300	11/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	221	111	200	3.43	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	191	95.5	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	98.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110	% 46.3-17	8						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: UL/H SEC 11 T18S - R33E

mg/kg

Sample ID: SW 14 (H225555-14)

BTEX 8021B

DILX OUZID	ıııg,	, kg	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.91	95.5	2.00	1.95	
Toluene*	<0.050	0.050	11/29/2022	ND	2.21	110	2.00	2.08	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.12	106	2.00	1.91	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.43	107	6.00	1.73	
Total BTEX	<0.300	0.300	11/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	221	111	200	3.43	
DRO >C10-C28*	10.4	10.0	11/28/2022	ND	191	95.5	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	86.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.8	% 46.3-17	8						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact Sample Received By: Project Number: FRONTIER FIELD SERVICES Shalyn Rodriguez

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SW 15 (H225555-15)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.91	95.5	2.00	1.95	
Toluene*	<0.050	0.050	11/29/2022	ND	2.21	110	2.00	2.08	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.12	106	2.00	1.91	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.43	107	6.00	1.73	
Total BTEX	<0.300	0.300	11/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	221	111	200	3.43	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	191	95.5	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	96.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108 9	6 46.3-17	8						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 11/23/2022 Sampling Date: 11/23/2022

Reported: 11/30/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SW 16 (H225555-16)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.91	95.5	2.00	1.95	
Toluene*	<0.050	0.050	11/29/2022	ND	2.21	110	2.00	2.08	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.12	106	2.00	1.91	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.43	107	6.00	1.73	
Total BTEX	<0.300	0.300	11/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	221	111	200	3.43	
DRO >C10-C28*	79.9	10.0	11/28/2022	ND	191	95.5	200	5.66	
EXT DRO >C28-C36	13.4	10.0	11/28/2022	ND					
Surrogate: 1-Chlorooctane	94.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	<i>'8</i>						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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CARDIN
Laborator
101 East Marland, Hob
(575) 393-2326 FAX

Company Name:	: Hungry Horse LLC	C	10,000	1				- 1	-1		\dashv				BILL	170						A	ANALYSIS RE	REQUEST	Pag
Project Manager:		ez									7	P.O.	#								٦	_			
Address: PO	Š.										0	Company	Ipa		Fron	Frontier Field Services	ices, LLC					_			
City: Hobbs		State:	MN	Z	Zip:	8	88241	7			D	Attn:		1	er	Amber Groves									
le #:	575 393-3386	Fax #:		1							Þ	dd	res	S.	17 (Address: 47 Conoco Rd							_		
Project #:		Projec	Project Owner:	Fro	Frontier Field Services,	Fie	S Pi	èen.	ces,	LLC		City:		Val	Maljamar	ar		_							
ame:	Caviness 6"										co	State:	.: .:	Z	P.	Zip: 88264									
Project Location:	UL/ H Sec 11	T18S - R3	R33E								סד	Phone #:	ne	#	575	575-703-7992									
Sampler Name:	Bradley Wells										TI	Fax #:	#												
FOR LAB USE ONLY				┪	\dashv	\dashv		3	MATRIX	×	ŀ	-	낊	PRESERV.	?	SAMPLING	G	_				_			
Lab I.D.	Sample I.D.	e I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER		OIL		SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	Chloride	ТРН	BTEX 8021					
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4	SW4			C	4		-	-	×					×		11/23/22		×	×	×		-			
Ŋ.	SW5			C	1				×	-	-	-		×		11/23/22		×	×	×	-	-			
6	SW6			C	7	-			×	-			_	×		11/23/22		×	×	×		-			
7	SW7			C	7	-			×		-	-		×		11/23/22		×	×	×		-			
8	SW8			C	1	-	+	-	×	+	+	+		×		11/23/22		×	×	×	+	+			
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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_	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	Hobbs, NM AX (575) 39	88240 93-2476																										je 20	
Company Name:	Hungry Horse LLC	0		- 1						\dashv				B		BILL TO					AN	ANALYSIS		REQUEST	EST	-	-	-	 Pag	
Project Manager:	Daniel Dominguez	2								_	P.O.	.#:	"					_	_			_		_		_	_			
Address: PO Bo	PO Box 1058									-	Company	du	any		ont	Frontier Field Services,	rices, LLC	_	_				_	_					_	
City: Hobbs		State: NM		Zip:		88241	11			_	Attn:		An	nbe	G	Amber Groves							_							
e#:	575 393-3386	Fax #:			1						Ado	dre	Address:		C	47 Conoco Rd							_							
		Project Owner:		ontie	Frontier Field Services,	eld S	Serv	ices	, LLC	_	City:	*	Z	Maljamar	ma	1									_	_				
ame:	Caviness 6"										Sta	te:	State: NM	5	Z	Zip: 88264		_	_						_					
≅ L	UL/ H Sec 11 T18S - R33E	8S - R33E								_	Ph	one	#	5	5-	Phone #: 575-703-7992		_	_		_			_						
Sampler Name:	Bradley Wells										Fax #:	#						_	_			_		_	_					
FOR LAB LISE ONLY			4	\dashv	\dashv		3	MATRIX	×	1		공	ES	PRESERV.	H	SAMPLING	G	_	_	_		_	_	_	_	_	_		_	
Lab I.D.	Sample I.D.	I.D.	G)RAB OR (C)OMP.	CONTAINERS	GROUNDWATER		WASTEWATER	SOIL		SLUDGE	OTHER:	ACID/BASE:	CE / COOL	OTHER	o / I test s /	DATE	TIME	Chloride	TPH	BTEX 8021										
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14	SW14		-	C	-			×	1				×	1	+	11/23/22		×	×	×	+	+	+	1		1	1			
N	SW15			C	-	-	-	×	_				×	1	+	11/23/22		×	×	×	+	+	+	1						
6	SW16			0		-		×				7	×	1	-	11/23/22		×	×	×										
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affiliates or successors arising o	affiliates or successors arising out of or rigitated to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Relinquished By: Received By:	nce of services hereur	under by Cardinal, regardless of w	Rec	Received By:	be of w	By:	such	such claim is ba	is ba	ased	sed upon	any o	of the	abov	any of the above stated reasons	Phone Result	"	Yes	ON O		Add'l Phone #:	ne #:							
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December 09, 2022

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

RE: CAVINESS 6"

Enclosed are the results of analyses for samples received by the laboratory on 12/02/22 15:31.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Wite Sough

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,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 12/02/2022 Sampling Date: 12/02/2022

Reported: 12/09/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: UL / H SEC 11 T18S - R33E Sample Received By: Tamara Oldaker

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: FL 7 B (H225673-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2022	ND	1.96	98.1	2.00	10.1	
Toluene*	<0.050	0.050	12/08/2022	ND	1.99	99.3	2.00	8.15	
Ethylbenzene*	<0.050	0.050	12/08/2022	ND	1.99	99.7	2.00	7.66	
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.04	101	6.00	7.07	
Total BTEX	<0.300	0.300	12/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/08/2022	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	183	91.4	200	8.02	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	183	91.6	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	75.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	79.7	% 46.3-17	8						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 12/02/2022 Sampling Date: 12/02/2022

Reported: 12/09/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: UL / H SEC 11 T18S - R33E Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: UL/H SEC 11 T18S - R33E

ma/ka

Sample ID: FL 8 B (H225673-02)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2022	ND	1.96	98.1	2.00	10.1	
Toluene*	<0.050	0.050	12/08/2022	ND	1.99	99.3	2.00	8.15	
Ethylbenzene*	<0.050	0.050	12/08/2022	ND	1.99	99.7	2.00	7.66	
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.04	101	6.00	7.07	
Total BTEX	<0.300	0.300	12/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/08/2022	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	183	91.4	200	8.02	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	183	91.6	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	69.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	73.9	% 46.3-17	8						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 12/02/2022 Sampling Date: 12/02/2022

Reported: 12/09/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: UL / H SEC 11 T18S - R33E Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: UL/H SEC 11 T18S - R33E

ma/ka

Sample ID: FL 12 B (H225673-03)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2022	ND	1.96	98.1	2.00	10.1	
Toluene*	<0.050	0.050	12/08/2022	ND	1.99	99.3	2.00	8.15	
Ethylbenzene*	<0.050	0.050	12/08/2022	ND	1.99	99.7	2.00	7.66	
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.04	101	6.00	7.07	
Total BTEX	<0.300	0.300	12/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/08/2022	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	183	91.4	200	8.02	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	183	91.6	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	73.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	78.1	% 46.3-17	8						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 12/02/2022 Sampling Date: 12/02/2022

Reported: 12/09/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: UL / H SEC 11 T18S - R33E Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: UL/H SEC 11 T18S - R33E

ma/ka

Sample ID: SW 8 B (H225673-04)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2022	ND	1.96	98.1	2.00	10.1	
Toluene*	<0.050	0.050	12/08/2022	ND	1.99	99.3	2.00	8.15	
Ethylbenzene*	<0.050	0.050	12/08/2022	ND	1.99	99.7	2.00	7.66	
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.04	101	6.00	7.07	
Total BTEX	<0.300	0.300	12/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/08/2022	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	183	91.4	200	8.02	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	183	91.6	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	72.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	77.8	% 46.3-17	8						

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Analytical Results For:

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

Fax To: (505) 391-4585

Received: 12/02/2022 Sampling Date: 12/02/2022

Reported: 12/09/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: UL / H SEC 11 T18S - R33E Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: UL/H SEC 11 T18S - R33E

ma/ka

Sample ID: SW 10 B (H225673-05)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2022	ND	1.96	98.1	2.00	10.1	
Toluene*	<0.050	0.050	12/08/2022	ND	1.99	99.3	2.00	8.15	
Ethylbenzene*	<0.050	0.050	12/08/2022	ND	1.99	99.7	2.00	7.66	
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.04	101	6.00	7.07	
Total BTEX	<0.300	0.300	12/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/08/2022	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	217	109	200	5.05	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	199	99.7	200	0.385	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	83.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.3	% 46.3-17	8						

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Mile Sough



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 12/02/2022 Sampling Date: 12/02/2022

Reported: 12/09/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact Project Number: UL / H SEC 11 T18S - R33E Sample Received By: Tamara Oldaker

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SW 12 B (H225673-06)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2022	ND	1.96	98.1	2.00	10.1	
Toluene*	<0.050	0.050	12/08/2022	ND	1.99	99.3	2.00	8.15	
Ethylbenzene*	< 0.050	0.050	12/08/2022	ND	1.99	99.7	2.00	7.66	
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.04	101	6.00	7.07	
Total BTEX	<0.300	0.300	12/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	12/08/2022	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	217	109	200	5.05	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	199	99.7	200	0.385	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	92.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	120 9	% 46.3-17	8						

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with Sigh



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 12/02/2022 Sampling Date: 12/02/2022

Reported: 12/09/2022 Sampling Type: Soil

Project Name: CAVINESS 6" Sampling Condition: Cool & Intact
Project Number: UL / H SEC 11 T18S - R33E Sample Received By: Tamara Oldaker

Project Location: UL/H SEC 11 T18S - R33E

Sample ID: SW 16 B (H225673-07)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2022	ND	1.96	98.1	2.00	10.1	
Toluene*	<0.050	0.050	12/08/2022	ND	1.99	99.3	2.00	8.15	
Ethylbenzene*	<0.050	0.050	12/08/2022	ND	1.99	99.7	2.00	7.66	
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.04	101	6.00	7.07	
Total BTEX	<0.300	0.300	12/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/08/2022	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	217	109	200	5.05	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	199	99.7	200	0.385	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	83.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.0	% 46.3-17	<i>'8</i>						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

Samples not received at proper temperature of 6°C or below.

Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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

Released to Imaging: 4/20/2023 1:07:26 PM

† 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

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Company Name:	Hungry Horse LLC	0														8	BILL TO						ANALYSIS	K	S	REQUEST	2	后	S		1			
Project Manager:	Daniel Dominguez	ez										P	P.O. #:	#													_						_	
Address: PO Bo	PO Box 1058											C	9	pa	Ŋ	Fre	Company Frontier Field Services,	rices, LLC	_								_							
City: Hobbs		State:	MN	Z	Zip:	8	88241	==				A	Attn:		3	ber	Amber Groves										_					_		
Phone #: 575 39	575 393-3386	Fax #:				1						A	dd	se,	S	47	Address: 47 Conoco Rd																	
Project #:		Project Owner:	Owner:	Fro	Frontier Field Services, LLC	Fie	P. P.	Sen	90	S	5	C	City:		Va.	Maljamar	nar															_		
Project Name: Ca	Caviness 6"											S	ate	-	State: NM		Zip: 88264										_							
Project Location:	UL/ H Sec 11 T1	T18S - R33E	Œ									P	0	ie .	#	575	Phone #: 575-703-7992																	
Sampler Name:	Eli Dominguez											T	Fax #:	77													_					_		
FOR LAB USE ONLY						П	1	3	MATRIX	쯼		1	P	꼶	PRESERV.	?	SAMPLING	G									_							_
Lab I.D.	Sample I.D.	.D		RAB OR (C)OMP.	ONTAINERS	OUNDWATER	STEWATER		L		IDGE	HER:	D/BASE:		/ COOL	HER:			loride	Н	EX 8021													
H225673				(G)F	# CC	GRO	-	-	SOII	OIL	SLU	ОТН	-	-	ICE	OTH	DATE	TIME	Chi	TPI	вт				\vdash		-						-	
FL	FL7b			C	-				×						×		12/2/22		×	×	×						-							
2 FL	FL8b			C	1				×						×		12/2/22		×	×	×													
3 FL	FL12b			0	_				×						×		12/2/22		×	×	×													
4 SI	SW8b			C	_				×						×		12/2/22		×	×	×						-				11			
SSI	SW10b			C	_				×						×		12/2/22		×	×	×						-					-		
6 SN	SW12b			C	_				×						×		12/2/22		×	×	×													
7 81	SW16b			C	_			-	×						×		12/2/22		×	×	×				-		_							
																									\perp		-							
PLEASE NOTE: Liability and Damagoes. Cardinal's liability and client's exclusive remoty for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatscower shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successions arising out of or related to the performance of services hereunder by Cardinal, reparations of whether such claim is based upon any of the above stated reasons or otherwise.	Damages, Cardinal's liability and c those for negligence and any othe dinal be liable for incidental or cons out of or related to the performance	fient's exclusive r cause whatso equental dame se of services h	e remedy for any clai soever shall be deeme hages, including withouthouther by Cardina	aim ar ned wa nout lin	sing valved unitation	whether by unless ma on, busines less of whe	s ma sines	ased in contract or tort, shall be limited to ide in writing and received by Cardinal will is interruptions, loss of use, or loss of pro ther such claim is based upon any of the	n cor writin mupti	itract ig an ions,	or to	eived of us	all b	limi ardir	ted to hal w	the thin about	the amount paid by the c hin 30 days after complet fits incurred by client, its s above stated reasons or	lient for the ion of the applical ubsidiaries, wherevise	ble															
luished By		Date	C/69/2 Date:	Re	Received By:	/ed	B	77					0	10	1		TIP	Phone Result:	- 1 1	□ Yes		No No	Add'l Phone #: Add'l Fax #:	Phor Fax	#: #:	Ш	11	- 1 1	11					
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Relinquished By:	1.0	Date:		Re	Received By:	/ed	В	77								1		Email results to:	sults t		pm@hungry-horse.com	ungry	-hors	e.cc	Ħ									
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Delivered By: (C			#1	1	O		Co	Sample Condition Cool Intact	- T 0	on	5\T =	9		10	_ H	글	(Initials)																	
Sampler - UPS - Bus - Otner:		-0.8/-	-1.40					☐ No ☐ No	Ses		No	- 0.			~	16	*																	

Attachment VII NMOCD Form Initial C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	nAPP2229930971
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible	Party Front	tier Field Services,	LLC	OGRID 2	21115	
Contact Nam	ne Amber G	Groves		Contact Te	elephone 575-703-7992	
Contact ema	il agroves@	durangomidstream	i.com	Incident #	(assigned by OCD)	
Contact mail	ing address	47 Conoco Rd, M	aljamar NM 8826	54		
			Location	of Release So	ource	
Latitude	32.76	265		Longitude -		
			(NAD 83 in dec	imal degrees to 5 decin	nal places)	
Site Name Ma	al 7-2 Cavin	ess 6" Pipeline		Site Type I	Pipeline	
Date Release	Discovered	10/24/2022		API# (if app	licable)	
Unit Letter	Section	Township	Dance	Court		
H	11	18S	Range 33E	Coun		
11	11	105	JJL		1	
Surface Owner	:: State	Federal Tr	ribal 🛭 Private (A	lame: <u>Angell Ranc</u>	<u>h</u>)	
			Nature and	Volume of I	Release	
Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)						
Crude Oil		Volume Release		calculations of specific	Volume Recovered (bbls)	
Produced	Water	Volume Release	d (bbls)		Volume Recovered (bbls)	
		Is the concentrate produced water	ion of dissolved cl >10,000 mg/l?	nloride in the	Yes No	
	te	Volume Release			Volume Recovered (bbls) 0	
Natural G	as	Volume Release	d (Mcf) 40.47		Volume Recovered (Mcf) 0	
Other (des	scribe)	Volume/Weight	Released (provide	units)	Volume/Weight Recovered (provide units)	
Cause of Rele External & In		sion on bottom of	pipeline. Undergr	round pipeline relea	ase with soil impact.	

Received by OCD: 3/16/2023 12:40:23 PMate of New Mexico
Page 2 Oil Conservation Division

	Page 184 01 18
Incident ID	nAPP2229930971
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☑ No	If YES, for what reason(s) does the	ne responsible party consider this a major release?
	Init	tial Response
The responsible	party must undertake the following actions in	mmediately unless they could create a safety hazard that would result in injury
☑ The impacted area ha☑ Released materials ha	ease has been stopped. as been secured to protect human her ave been contained via the use of be recoverable materials have been rem	erms or dikes, absorbent pads, or other containment devices.
has begun, please attach	a narrative of actions to date. If re	mence remediation immediately after discovery of a release. If remediation emedial efforts have been successfully completed or if the release occurred MAC), please attach all information needed for closure evaluation.
I hereby certify that the info regulations all operators are public health or the environ- failed to adequately investig	ormation given above is true and comple required to report and/or file certain rel- ment. The acceptance of a C-141 report gate and remediate contamination that po	the to the best of my knowledge and understand that pursuant to OCD rules and lease notifications and perform corrective actions for releases which may endanger to by the OCD does not relieve the operator of liability should their operations have use a threat to groundwater, surface water, human health or the environment. In the erator of responsibility for compliance with any other federal, state, or local laws
Printed Name: Am	ber Groves	Title: Remediation Specialist
Signature:	v topre	Date: 10/26/2022
email:agroves@dura	ngomidstream.com	Telephone: _(575)703-7992
OCD Only		
Received by:Jocelyn	Harimon	Date:10/26/2022





	Gas Release Vo	lume Calcula	ator		
Date:	10/24/2022				
Site or Line Name:		MAL-7-2 Caviness 6" Steel Line			
Area of Hole in Pipe:	0.25	square inches			
Absolute Pressure:	41.7	psia - absolute pressure (psia = psig gauge pressure + 14.7)			
Duration of Release:	60.00	minutes			
Actual Temperature:	50	Degrees F			
Representative Gas Analysis		Please attach	n or email a representative gas analysis		
Constants					
Temperature at standard conditions:	60	Deg. F			
Pressure at standard conditions:	14.7	PSIA			
Volume of Gas - ACF	13.99	MACF			
Volume of Gas - SCF	40.47	MSCF			

Notes	
Entered by user	
Calculated Value	
Constant	



Liquid Volume Release Report

		Liq	uid Relea	se Volume	Calculator			
Date:	10/24/2022							
Site or Line Name:	MAL-7-2 Caviness 6" Steel Line							
Soil Type	Porosity	Length	Width	Depth (.083 per inch)	Cubic Feet	Estimated Barrels	Soil Type	
Clay	0.15				0	0.00	Clay	
Sandy Clay	0.12				0	0.00	Sandy Clay	
Silt	0.16			-	0	0.00	Silt	
Fine Sand	0.16				0	0.00	Fine Sand	
Medium Sand	0.25	100	8.11	0.332	269.252	12.00	Medium Sand	
Coarse Sand	0.26				0	0.00	Coarse Sand	
Gravely Sand	0.26				0	0.00	Gravely Sand	
Fine Gravel	0.26				0	0.00	Fine Gravel	
Medium Gravel	0.20				0	0.00	Medium Gravel	
Coarse Gravel	0.18				0	0.00	Coarse Gravel	
Sandstone	0.25				0	0.00	Sandstone	
Siltstone	0.18				0	0.00	Siltstone	
Limestone	0.13				0	0.00	Limestone	
Basalt	0.19				0	0.00	Basalt	
Standing Liquids	X				0	0.00	Standing Liquids	

Choose the one prevailing ground type for estimating spill volumes at a single location. Standing liquids are figured separately using the green cell.

Note that the depth should be measured in feet and tenths of feet (1 inch = .083)

Cubic Feet = L x W x D

Estimated Barrels = ((Cubic Feet x Porosity) / 5.61)

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

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 197983

CONDITIONS

Operator:	OGRID:
FRONTIER FIELD SERVICES, LLC	221115
10077 Grogans Mill Rd.	Action Number:
The Woodlands, TX 77380	197983
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	4/20/2023