State of New Mexico

Incident ID nAPP2306024427

Incident ID	nAPP2306024427
District RP	
Facility ID	
Application ID	

# 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 items must be included in the closure report.		
A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC	
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)		
☐ Laboratory analyses of final sampling (Note: appropriate ODC	District office must be notified 2 days prior to final sampling)	
Description of remediation activities		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.		
Printed Name: Lupe Carrasco	Title: Sr. Environmental Specialist	
Signature: Lupe Carrasco	Date:6/1/23	
email: gcarrasco@durangomidstream.com	Telephone: 575-725-0787	
OCD Only		
Received by:Jocelyn Harimon	Date:06/07/2023	
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.		
Closure Approved by: Robert Hamlet	Date:10/31/2023	
Printed Name: Robert Hamlet	Title: Environmental Specialist - Advanced	



# **Remediation Summary and Closure Request**

Frontier Field Services, LLC
Cedar Breaks 12"
Eddy County, New Mexico
Unit Letter "F", Section 8, Township 18 South, Range 31 East
Latitude 32.762548 North, Longitude 103.892985 West
NMOCD Incident # nAPP23060244027

Prepared For:

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

Prepared By:

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

.... (575) 555

May 2023

Bradley Wells
Project Manager
bwells@hungry-horse.com

Daniel Dominguez
Environmental Manager
ddominguez@hungry-horse.com

### **Table Of Contents**

NMOCD Form C-141 Remediation and Closure Pages	
Background	1
NMOCD Site Classification	1
Delineation and Remediation Activities	2
Restoration, Reclamation, and Re-Vegetation	3
Closure Request	3
Limitations	3
Distribution	4

### **Figures**

Figure 1 – Topographic Map
Figure 2 – OSE POD Locations Map
Figure 3 – USGS Well Locations Map
Figure 4 – Delineation Sample Map
Figure 5 – Excavation Sample Map

### **Tables**

Table 1 – Summary of Soil Sample Laboratory Analytical Results

### **Attachments**

Attachment I – Karst and Wetland Maps
Attachment II – NMOCD Correspondence
Attachment III – Site Photographs
Attachment IV – Depth to Groundwater
Attachment V – Field Data
Attachment VI – Laboratory Analytical Reports
Attachment VII – NMOCD Form Initial C-141

	Page 4 of	95
Incident ID	nAPP2306024427	
District RP		
Facility ID		
Application ID		

## **Site Assessment/Characterization**

This information must be provided to the appropriate district office no later than 20 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 <b>not</b> 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 vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	
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 wel	ls.

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.

Page 5 of 95

Incident ID	nAPP2306024427
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Printed Name:Lupe Carrasco	Title: Sr. Environmental Specialist	
Signature: Lups Carrasco	Date: 6/1/23	
email: gcarrasco@durangomidstream.com	Telephone: 575-725-0787	
OCD Only		
Received by: Jocelyn Harimon	Date: 06/07/2023	

	Page 6 of	95
Incident ID	nAPP2306024427	
District RP		
Facility ID		
Application ID		

# **Remediation Plan**

Remediation Plan Checklist: Each of the following items must be included in the plan.		
<ul> <li>Detailed description of proposed remediation technique</li> <li>Scaled sitemap with GPS coordinates showing delineation points</li> <li>Estimated volume of material to be remediated</li> <li>Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC</li> <li>Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)</li> </ul>		
Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.		
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.		
Extents of contamination must be fully delineated.		
Contamination does not cause an imminent risk to human health, the environment	t, or groundwater.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Printed Name: Lupe Carrasco Title: Sr. E	nvironmental Specialist	
Signature: Lups Carrasco Date: 6/1/23	3	
	575-725-0787	
OCD Only		
Received by: Jocelyn Harimon Date:06/07/	2023	
☐ Approved ☐ Approved with Attached Conditions of Approval ☐	Denied Deferral Approved	
Signature: Date:		

of New Mexico

Incident ID	nAPP2306024427
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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 items must be included in the closure report.

Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)		
☐ Laboratory analyses of final sampling (Note: appropriate ODC 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	nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially additions that existed prior to the release or their final land use in	
Printed Name:Lupe Carrasco	Title: Sr. Environmental Specialist	
Signature: Lupe Carrasco	Date:6/1/23	
email: gcarrasco@durangomidstream.com	Telephone: 575-725-0787	
OCD Only		
Received by: Jocelyn Harimon	Date:06/07/2023	
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.		
Closure Approved by:	Date:	
Printed Name:	Title:	

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 F (SE/NW), Section 8, Township 18 South, Range 31 East, approximately seven miles southeast of Loco Hills, in Eddy County, New Mexico. The location is on Bureau of Land Management land. Topographic Map, OSE POD Locations Map, and USGS Well Locations Map are included as Figure 1, Figure 2, and Figure 3, respectively.

The release occurred on an active pipeline; Latitude 32.762548 North, Longitude 103.892985 West. The Initial NMOCD Form C-141 indicated that on February 28, 2023 approximately 5 bbls of condensate and 119.64 MCF natural gas were released due to external and internal corrosion on the 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.

No water wells could be located within a half mile of the release area, therefore, depth to water could not be determined. Consequently, the site was delineated and further remediated according to the strictest NMOCD Closure Criteria. Utilizing this information, the NMOCD Closure Criteria for the Site were determined as follows:

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



### **Delineation and Remediation Activities:**

On March 30, 2023, Hungry Horse conducted an initial site assessment consisting of photographing and mapping the release area. Surface samples from the release area were also collected. 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. On April 14, 2023, the excavation and release area were delineated. During the advancement of the test trenches, soil samples were collected and field screened for the presence of chloride concentrations utilizing a Hach Quantab® chloride test kit.

Based on field observations and field test data noted above and provided in Attachment V, sixteen representative soil samples were selected for laboratory analysis. Delineation soil samples SP1 through SP4, and HZ1 through HZ4, 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 SP4 at Surface, and SP1 at twelve feet bgs, which exhibited TPH concentrations in excess of the NMOCD Closure Criteria.

From April 14 through 21, 2023, the release area was excavated. Excavated contaminated soil was temporarily stockpiled onsite, atop plastic, before transport to an NMOCD approved disposal facility.

On April 24, 2023, sample location SP1 was sampled. Soil sample SP1 at thirteen feet bgs was submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and chloride contaminant concentrations were below the NMOCD Closure Criteria, however, TPH concentrations were still in excess of the NMOCD Closure Criteria.

On April 25, 2023, fourteen 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 FL10 and SW1 through SW4, 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 SW1, at three feet, which exhibited TPH concentrations in excess of the NMOCD Closure Criteria.

On May 4, 2023, the area in excess of NMOCD Closure Criteria wase further excavated and sampled. Soil sample SW1b, was submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in the submitted sample.



The excavated area measured approximately sixty feet in length, forty feet in width, and four to fourteen feet in depth. During remediation activities approximately 624 cubic yards of impacted soil were excavated and hauled to an NMOCD approved disposal facility.

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 Cedar Breaks 12" location, nAPP2306024427.

#### **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

**New Mexico Bureau of Land Management** 

620 E. Greene St Carlsbad, NM 88220

# **Figures**

Received by OCD: 6/7/2023 8:38:03 AM Page 14 of 95



### Figure 2

OSE POD Locations Map Frontier Field Services, LLC Cedar Breaks 12"

GPS: 32.762548, -103.892985 Eddy County

### Legend:

Cedar Breaks 12" Location

Drafted: dd Checked: bw Date: 4/13/23



Received by OCD: 6/7/2023 8:38:03 AM

Page 15 of 95



### Figure 3

USGS Well Locations Map Frontier Field Services, LLC Cedar Breaks 12"

GPS: 32.762548, -103.892985 Eddy County Legend:

Cedar Breaks 12" Location

Drafted: dd Checked: bw Date: 4/13/23



4/13/23

Date:

**Eddy County** 

# **Table**

#### TABLE 1

# Summary of Soil Sample Laboratory Analytical Results Frontier Field Services, LLC

### Cedar Breaks 12"

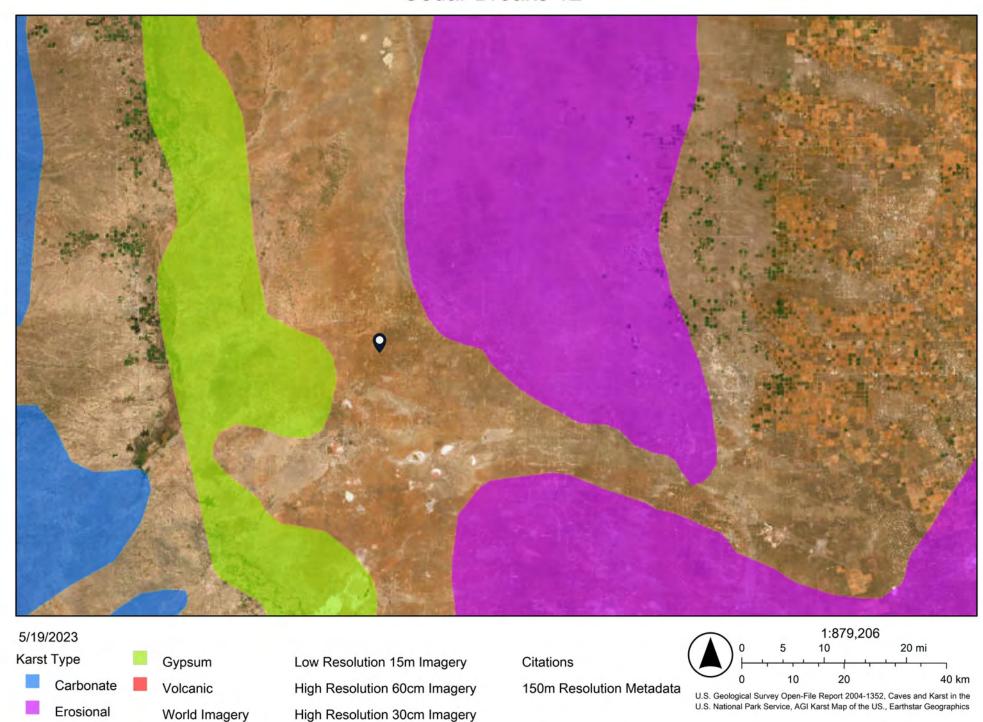
### NMOCD Ref. #: nAPP2306024427

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
SP1	3/30/23	Surf	Excavated	0.645	13.9	91.7	2,050	2,142	338	2,480	112
	4/14/23	12	Excavated	<0.050	5.46	139	1,480	1,619	265	1,884	240
	4/24/23	13	Excavated	<0.050	<0.300	<10.0	143	143	15.9	158.9	112
SP2	3/30/23	Surf	Excavated	0.719	12.6	50.9	121	172	29.4	201.3	<16.0
	4/14/23	4	In-Situ	<0.050	<0.300	<10.0	11.2	<20.0	12.8	<30.0	16.0
SP3	3/30/23	Surf	Excavated	0.285	6.11	31.6	524	556	90.6	646.2	64.0
	4/14/23	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP4	3/30/23	Surf	Excavated	0.642	21.0	239.0	6,670	6,909	1,140	8,049	320
	4/14/23	4	In-Situ	<0.050	<0.300	<10.0	12.0	<20.0	<10.0	<30.0	16.0
HZ1	3/30/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	3/30/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
HZ2	3/30/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	3/30/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ3	3/30/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
ПДЗ	3/30/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
Ц74	3/30/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ4	3/30/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL1	4/25/23	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL2	4/25/23	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL3	4/25/23	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL4	4/25/23	4	In-Situ	<0.050	<0.300	<10.0	13.5	<20.0	<10.0	<30.0	16.0
FL5	4/25/23	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL6	4/25/23	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL7	4/25/23	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL8	4/25/23	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL9	4/25/23	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL10	4/25/23	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW1	4/25/23	3	Excavated	<0.050	<0.300	<10.0	159	159	16.1	175.1	128
SW1b	5/4/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW2	4/25/23	2	In-Situ	<0.050	<0.300	<10.0	20.0	20.0	<10.0	<30.0	128
SW3	4/25/23	2	In-Situ	<0.050	<0.300	<10.0	20.2	20.2	<10.0	<30.0	160
SW4	4/25/23	2	In-Situ	<0.050	<0.300	<10.0	13.9	<20.0	<10.0	<30.0	144
NMOCD Closure Criteria			10	50	-	-	N/A	-	100	600	

#### NOTES:

# Attachment I Karst and Wetland Maps

# Cedar Breaks 12"





# Cedar Breaks 12"



May 19, 2023

#### Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Other

Riverine

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

# Attachment II NMOCD Correspondence

### **Daniel Dominguez**

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

**Sent:** Thursday, April 20, 2023 3:21 PM

**To:** Daniel Dominguez

Cc: Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD

**Subject:** RE: [EXTERNAL] Closure Samples

Daniel,

Thank you for the notification. 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.

JH

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: Thursday, April 20, 2023 6:43 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 be collecting closure samples at the Cedar Breaks 12" Steel Pipeline (nAPP2306024427) on Tuesday April 25, 2023, at 7

This is our 2 day 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:** Tuesday, May 2, 2023 8:53 AM

**To:** Daniel Dominguez

Cc: Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD

Subject: RE: [EXTERNAL] Closure Samples

Daniel,

Thank you for the notification. 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.

JH

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: Tuesday, May 2, 2023 6:16 AM

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

**Subject:** [EXTERNAL] Closure Samples

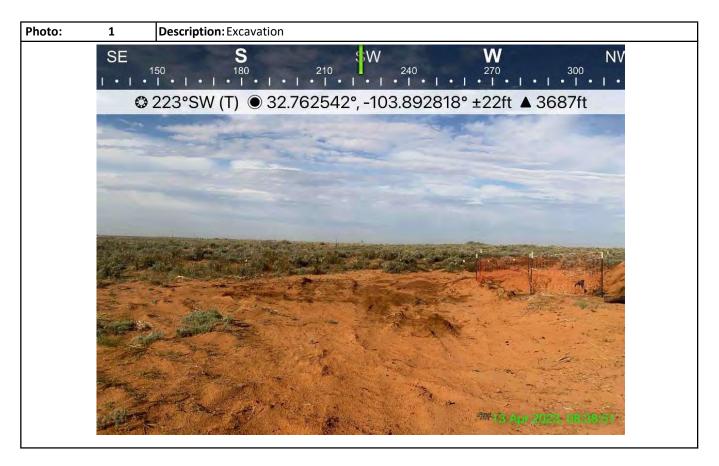
CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

We will be collecting additional closure samples at the Cedar Breaks 12" Steel Pipeline (nAPP2306024427) on Thursday May 4, 2023, at 7 am.

This is our 2 day notice.

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

# Attachment III Site Photographs







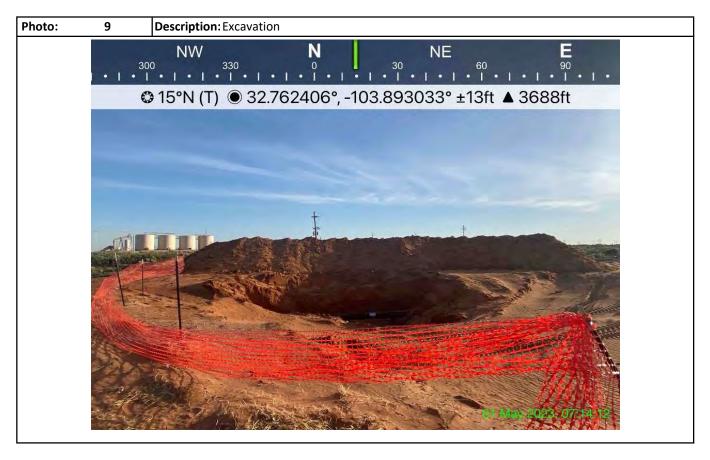




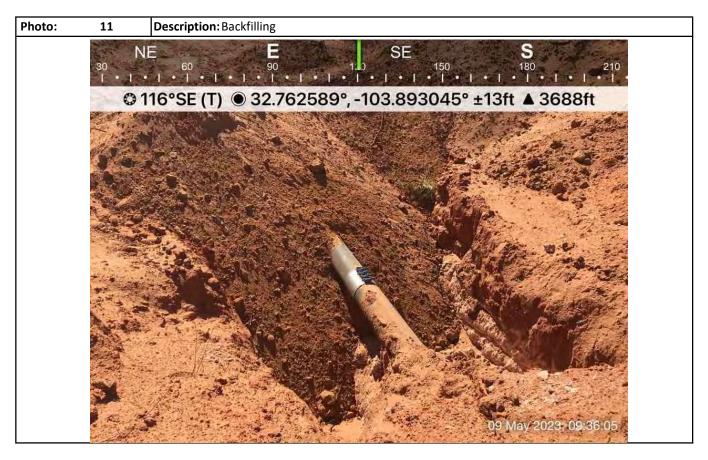






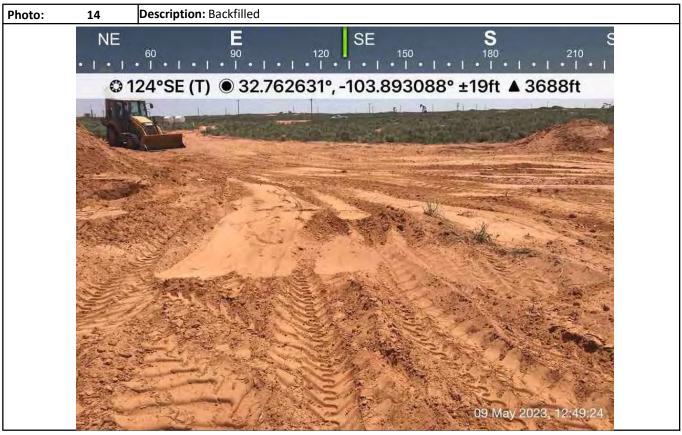


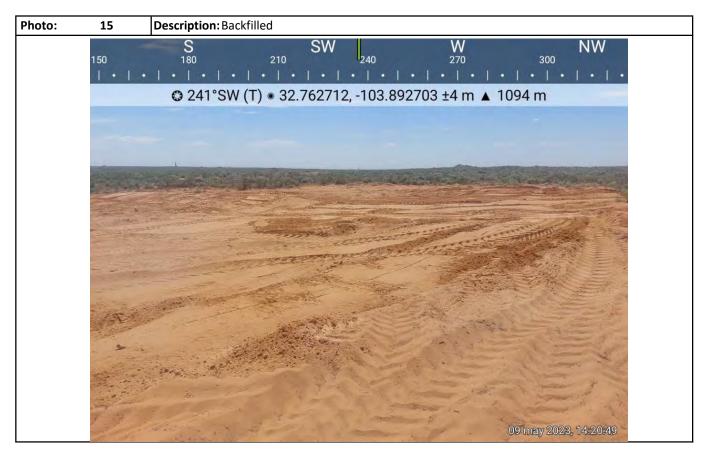


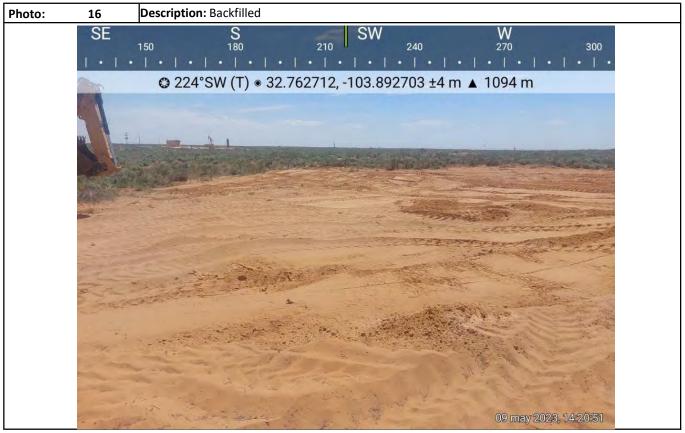












# Attachment IV Depth to Groundwater



# New Mexico Office of the State Engineer

# **Wells with Well Log Information**

No wells found.

UTMNAD83 Radius Search (in meters):

**Easting (X):** 603692.37

Northing (Y): 3625502.18

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.

5/19/23 7:48 AM WELLS WITH WELL LOG INFORMATION

## Attachment V Field Data

## **Hungry Horse, LLC**

## **Sample Log**

	Date: <u>3/30/2023</u>	7
Project: Cedar Breaks 12"		

Latitude: 32.762548 Longitude: -103.892985 Sampler: Eli Dominguez

Sample ID	Depth	PID/Odor	Chloride	GPS
1721-Just	Sur	AJ/A	1.8=4324=170	
HZ1-1"	ľ	NA	1.8=43×4=17a	
HZ2-Surf	Sur	N/A	2.4=65×4=260	
H7 2-1	12	NJA	2.6=73×4=292	
HZ 3 Surf	Surf	NA	1,8=43x4=172	
HZ 3-1	l'	NIA	2.8-82×4=328	
AZ 4-Sur	Sign	NA	2.8=82×4=328	
HZ4-1	lı	AVA_	2.0=50×4=200	
J				

Sample Point = SP1 @ ## etc

Floor = FL1 etc

Sidewall = SW1 etc

Horizontal = HZ1 etc

Refusal = SP1 @ 4'-R

**GPS Sample Points, Center of Comp Areas** 

Test Trench = TT1 @ ##

Resamples= SP1b @ 5' or SW #1b

Stockpile = Stockpile #1

## Hungry Horse, LLC

## Sample Log

Date: 4/14/2023

Project: Cedar Breaks 12"

Latitude: 32.762548 Longitude: -103.892985 Sampler: Chris Alvarez

Sample ID	Depth	PID/Odor	Chloride	GPS
1581	10'	low	4 715104 = 60 W	
120 1	12.	Wol	3.4/113.4=452	
POBI				
12001				
1251002	147	WA	24/65.4:260	
25P2	24+		2/50.4=200	
25 P D J	ヌセナ		3.4/113.4=452	
2210 B	45	NA	24/65.4-260	Jay send
3 SPB 3	154	Nía	28/8204= 728	
2 SP 2 3	25+	1	3. 192.42368	
3763	3 5+	7	2.2/5704=128	
3 S P @ 3	M-7-4	MIX	1 7100	Jar send to lab
4 SP04	4-57	Yes	LISE/19509= \$780	
4 SP 04 4 SP 8 9	2++	1105	104/31047124	
4 51,83	775	NA	[L] /3/04=124	
4504	4+	AV	1.8/43.4 < 172	(Jac) Lab
	-	-		
	je.			
7	2			
	V-			
. 46				
			3.	
			A	

Sample Point = SP1 @ ## etc

Floor = FL1 etc

Sidewall = SW1 etc

Horlzontal = HZ1 etc

Refusal = SP1 @ 4'-R

**GPS Sample Points, Center of Comp Areas** 

Test Trench = TT1 @ ##

Resamples= SP1b @ 5' or SW #1b

Stockpile = Stockpile #1

## Attachment VI Laboratory Analytical Reports



April 04, 2023

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

RE: CEDAR BREAKS 12"

Enclosed are the results of analyses for samples received by the laboratory on 03/30/23 14:12.

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

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

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

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: 03/30/2023 Sampling Date: 03/30/2023

Reported: 04/04/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/F SEC 8 T18S - R31E

## Sample ID: SP 1 (H231480-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.645	0.050	04/01/2023	ND	1.91	95.3	2.00	8.61	
Toluene*	4.71	0.050	04/01/2023	ND	1.93	96.6	2.00	8.77	
Ethylbenzene*	3.55	0.050	04/01/2023	ND	1.98	99.1	2.00	9.10	
Total Xylenes*	5.04	0.150	04/01/2023	ND	6.10	102	6.00	8.30	
Total BTEX	13.9	0.300	04/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/03/2023	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*	91.7	10.0	04/01/2023	ND	188	94.1	200	6.24	
DRO >C10-C28*	2050	10.0	04/01/2023	ND	191	95.5	200	4.91	
EXT DRO >C28-C36	338	10.0	04/01/2023	ND					
Surrogate: 1-Chlorooctane	115	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	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: 03/30/2023 Sampling Date: 03/30/2023

Reported: 04/04/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/F SEC 8 T18S - R31E

## Sample ID: SP 2 (H231480-02)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.719	0.050	04/01/2023	ND	1.91	95.3	2.00	8.61	
Toluene*	4.75	0.050	04/01/2023	ND	1.93	96.6	2.00	8.77	
Ethylbenzene*	3.10	0.050	04/01/2023	ND	1.98	99.1	2.00	9.10	
Total Xylenes*	4.04	0.150	04/01/2023	ND	6.10	102	6.00	8.30	
Total BTEX	12.6	0.300	04/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2023	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*	50.9	10.0	04/01/2023	ND	188	94.1	200	6.24	
DRO >C10-C28*	121	10.0	04/01/2023	ND	191	95.5	200	4.91	
EXT DRO >C28-C36	29.4	10.0	04/01/2023	ND					
Surrogate: 1-Chlorooctane	114	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	18						

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: 03/30/2023 Sampling Date: 03/30/2023

Reported: 04/04/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/F SEC 8 T18S - R31E

## Sample ID: SP 3 (H231480-03)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.285	0.050	04/01/2023	ND	1.91	95.3	2.00	8.61	
Toluene*	2.61	0.050	04/01/2023	ND	1.93	96.6	2.00	8.77	
Ethylbenzene*	1.38	0.050	04/01/2023	ND	1.98	99.1	2.00	9.10	
Total Xylenes*	1.82	0.150	04/01/2023	ND	6.10	102	6.00	8.30	
Total BTEX	6.11	0.300	04/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/03/2023	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*	31.6	10.0	04/01/2023	ND	188	94.1	200	6.24	
DRO >C10-C28*	524	10.0	04/01/2023	ND	191	95.5	200	4.91	
EXT DRO >C28-C36	90.6	10.0	04/01/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.3	% 49.1-14	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: 03/30/2023 Sampling Date: 03/30/2023

Reported: 04/04/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/F SEC 8 T18S - R31E

## Sample ID: SP 4 (H231480-04)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.642	0.050	04/01/2023	ND	1.91	95.3	2.00	8.61	
Toluene*	6.58	0.050	04/01/2023	ND	1.93	96.6	2.00	8.77	
Ethylbenzene*	5.46	0.050	04/01/2023	ND	1.98	99.1	2.00	9.10	
Total Xylenes*	8.34	0.150	04/01/2023	ND	6.10	102	6.00	8.30	
Total BTEX	21.0	0.300	04/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	134	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	04/03/2023	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*	239	100	04/01/2023	ND	188	94.1	200	6.24	
DRO >C10-C28*	6670	100	04/01/2023	ND	191	95.5	200	4.91	
EXT DRO >C28-C36	1140	100	04/01/2023	ND					
Surrogate: 1-Chlorooctane	144	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	183	% 49.1-14	8						

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\*=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: 03/30/2023 Sampling Date: 03/30/2023

Reported: 04/04/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: UL/F SEC 8 T18S - R31E

## Sample ID: HZ 1 - SURF (H231480-05)

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	03/31/2023	ND	1.89	94.5	2.00	8.42	
Toluene*	<0.050	0.050	03/31/2023	ND	1.92	95.9	2.00	8.33	
Ethylbenzene*	<0.050	0.050	03/31/2023	ND	1.94	96.8	2.00	9.53	
Total Xylenes*	<0.150	0.150	03/31/2023	ND	5.86	97.7	6.00	8.38	
Total BTEX	<0.300	0.300	03/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/03/2023	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	04/01/2023	ND	188	94.1	200	6.24	
DRO >C10-C28*	<10.0	10.0	04/01/2023	ND	191	95.5	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	04/01/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	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: 03/30/2023 Sampling Date: 03/30/2023

Reported: 04/04/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/F SEC 8 T18S - R31E

## Sample ID: HZ 1 - 1' (H231480-06)

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	03/31/2023	ND	1.89	94.5	2.00	8.42	
Toluene*	<0.050	0.050	03/31/2023	ND	1.92	95.9	2.00	8.33	
Ethylbenzene*	<0.050	0.050	03/31/2023	ND	1.94	96.8	2.00	9.53	
Total Xylenes*	<0.150	0.150	03/31/2023	ND	5.86	97.7	6.00	8.38	
Total BTEX	<0.300	0.300	03/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
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	04/03/2023	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	04/01/2023	ND	188	94.1	200	6.24	
DRO >C10-C28*	<10.0	10.0	04/01/2023	ND	191	95.5	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	04/01/2023	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	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: 03/30/2023 Sampling Date: 03/30/2023

Reported: 04/04/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: UL/F SEC 8 T18S - R31E

## Sample ID: HZ 2 - SURF (H231480-07)

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*	<0.050	0.050	03/31/2023	ND	1.89	94.5	2.00	8.42	
Toluene*	<0.050	0.050	03/31/2023	ND	1.92	95.9	2.00	8.33	
Ethylbenzene*	<0.050	0.050	03/31/2023	ND	1.94	96.8	2.00	9.53	
Total Xylenes*	<0.150	0.150	03/31/2023	ND	5.86	97.7	6.00	8.38	
Total BTEX	<0.300	0.300	03/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/03/2023	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	04/01/2023	ND	188	94.1	200	6.24	
DRO >C10-C28*	<10.0	10.0	04/01/2023	ND	191	95.5	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	04/01/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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## Analytical Results For:

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

Fax To: (505) 391-4585

Received: 03/30/2023 Sampling Date: 03/30/2023

Reported: 04/04/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/F SEC 8 T18S - R31E

## Sample ID: HZ 2 - 1' (H231480-08)

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	03/31/2023	ND	1.89	94.5	2.00	8.42	
Toluene*	<0.050	0.050	03/31/2023	ND	1.92	95.9	2.00	8.33	
Ethylbenzene*	< 0.050	0.050	03/31/2023	ND	1.94	96.8	2.00	9.53	
Total Xylenes*	<0.150	0.150	03/31/2023	ND	5.86	97.7	6.00	8.38	
Total BTEX	<0.300	0.300	03/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2023	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	04/01/2023	ND	188	94.1	200	6.24	
DRO >C10-C28*	<10.0	10.0	04/01/2023	ND	191	95.5	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	04/01/2023	ND					
Surrogate: 1-Chlorooctane	99.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	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: 03/30/2023 Sampling Date: 03/30/2023

Reported: 04/04/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: UL/F SEC 8 T18S - R31E

## Sample ID: HZ 3 - SURF (H231480-09)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2023	ND	1.89	94.5	2.00	8.42	
Toluene*	<0.050	0.050	03/31/2023	ND	1.92	95.9	2.00	8.33	
Ethylbenzene*	<0.050	0.050	03/31/2023	ND	1.94	96.8	2.00	9.53	
Total Xylenes*	<0.150	0.150	03/31/2023	ND	5.86	97.7	6.00	8.38	
Total BTEX	<0.300	0.300	03/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2023	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	03/31/2023	ND	178	89.0	200	7.79	
DRO >C10-C28*	<10.0	10.0	03/31/2023	ND	207	104	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	03/31/2023	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	128	% 49.1-14	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: 03/30/2023 Sampling Date: 03/30/2023

Reported: 04/04/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: UL/F SEC 8 T18S - R31E

mg/kg

## Sample ID: HZ 3 - 1' (H231480-10)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	.u Dy. 3117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2023	ND	1.89	94.5	2.00	8.42	
Toluene*	<0.050	0.050	03/31/2023	ND	1.92	95.9	2.00	8.33	
Ethylbenzene*	<0.050	0.050	03/31/2023	ND	1.94	96.8	2.00	9.53	
Total Xylenes*	<0.150	0.150	03/31/2023	ND	5.86	97.7	6.00	8.38	
Total BTEX	<0.300	0.300	03/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/03/2023	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	03/31/2023	ND	171	85.5	200	3.94	
DRO >C10-C28*	<10.0	10.0	03/31/2023	ND	169	84.3	200	2.51	
EXT DRO >C28-C36	<10.0	10.0	03/31/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	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: 03/30/2023 Sampling Date: 03/30/2023

Reported: 04/04/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: UL/F SEC 8 T18S - R31E

## Sample ID: HZ 4 - SURF (H231480-11)

RTFY 8021R

Result   Reporting Limit   Analyzed   Method Blank   BS   % Recovery   True Value QC   RPD	BIEX 8021B	mg,	/ <b>kg</b>	Anaiyze	ea By: JH/						
Toluene*         <0.050	<th>Analyte</th> <th>Result</th> <th>Reporting Limit</th> <th>Analyzed</th> <th>Method Blank</th> <th>BS</th> <th>% Recovery</th> <th>True Value QC</th> <th>RPD</th> <th>Qualifier</th>	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Ethylbenzene* <0.050 0.050 03/31/2023 ND 1.94 96.8 2.00 9.53  Total Xylenes* <0.150 0.150 03/31/2023 ND 5.86 97.7 6.00 8.38  Total BTEX <0.300 0.300 03/31/2023 ND  Surrogate: 4-Bromofluorobenzene (PID 101 % 71.5-134  Chloride, SM4500Cl-B mg/kg Analyzed By: AC  Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride <16.0 16.0 04/03/2023 ND 432 108 400 0.00  TPH 8015M mg/kg Analyzed By: MS  Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 10.0 03/31/2023 ND 171 85.5 200 3.94  DRO >C10-C28* <10.0 10.0 03/31/2023 ND 169 84.3 200 2.51  EXT DRO >C28-C36 <10.0 10.0 03/31/2023 ND  Surrogate: 1-Chlorooctane 112 % 48.2-134	Benzene*	<0.050	0.050	03/31/2023	ND	1.89	94.5	2.00	8.42		
Total Xylenes*         <0.150         0.150         03/31/2023         ND         5.86         97.7         6.00         8.38           Total BTEX         <0.300	Toluene*	<0.050	0.050	03/31/2023	ND	1.92	95.9	2.00	8.33		
Total BTEX         <0.300         0.300         03/31/2023         ND           Surrogate: 4-Bromofluorobenzene (PID         101 % 71.5-134           Chloride, SM4500Cl-B         mg/kg         Analyzed By: AC           Analyte         Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           Chloride         <16.0         16.0         04/03/2023         ND         432         108         400         0.00           TPH 8015M         mg/kg         Analyzed By: MS           Analyzed By: MS           Analyte         Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           GRO C6-C10*         <10.0         10.0         03/31/2023         ND         171         85.5         200         3.94           DRO >C10-C28*         <10.0         10.0         03/31/2023         ND         169         84.3         200         2.51           EXT DRO >C28-C36         <10.0         10.0         03/31/2023         ND         169         84.3         200         2.51 </td <td>Ethylbenzene*</td> <td>&lt;0.050</td> <td>0.050</td> <td>03/31/2023</td> <td>ND</td> <td>1.94</td> <td>96.8</td> <td>2.00</td> <td>9.53</td> <td></td>	Ethylbenzene*	<0.050	0.050	03/31/2023	ND	1.94	96.8	2.00	9.53		
Surrogate: 4-Bromofluorobenzene (PID         101 % 71.5-134           Chloride, SM4500Cl-B         mg/kg         Analyzed By: AC         Wethod Blank         BS         % Recovery         True Value QC         RPD           Chloride         <16.0	Total Xylenes*	<0.150	0.150	03/31/2023	ND	5.86	97.7	6.00	8.38		
Chloride, SM4500Cl-B         mg/kg         Analyzed By: AC           Analyte         Result Reporting Limit         Analyzed Method Blank BS % Recovery         True Value QC RPD           Chloride         <16.0	Total BTEX	<0.300	0.300	03/31/2023	ND						
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD  Chloride <16.0 16.0 04/03/2023 ND 432 108 400 0.00  TPH 8015M	Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4							
Chloride         <16.0         16.0         04/03/2023         ND         432         108         400         0.00           TPH 8015M         mg/kg         Analyzed By: MS           Analyte         Result         Reporting Limit         Analyzed Method Blank         BS         % Recovery         True Value QC         RPD           GRO C6-C10*         <10.0	Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC						
TPH 8015M         mg/kg         Analyzed By: MS           Analyte         Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           GRO C6-C10*         <10.0	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD  GRO C6-C10* <10.0 10.0 03/31/2023 ND 171 85.5 200 3.94  DRO >C10-C28* <10.0 10.0 03/31/2023 ND 169 84.3 200 2.51  EXT DRO >C28-C36 <10.0 10.0 03/31/2023 ND  Surrogate: 1-Chlorooctane 112 % 48.2-134	Chloride	<16.0	16.0	04/03/2023	ND	432	108	400	0.00		
GRO C6-C10* <10.0 10.0 03/31/2023 ND 171 85.5 200 3.94  DRO >C10-C28* <10.0 10.0 03/31/2023 ND 169 84.3 200 2.51  EXT DRO >C28-C36 <10.0 10.0 03/31/2023 ND  Surrogate: 1-Chlorooctane 112 % 48.2-134	TPH 8015M	mg	/kg	Analyze	ed By: MS						
DRO >C10-C28* < 10.0 10.0 03/31/2023 ND 169 84.3 200 2.51  EXT DRO >C28-C36 <10.0 10.0 03/31/2023 ND  Surrogate: 1-Chlorooctane 112 % 48.2-134	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
EXT DRO >C28-C36 <10.0 10.0 03/31/2023 ND  Surrogate: 1-Chlorooctane 112 % 48.2-134	GRO C6-C10*	<10.0	10.0	03/31/2023	ND	171	85.5	200	3.94		
Surrogate: 1-Chlorooctane 112 % 48.2-134	DRO >C10-C28*	<10.0	10.0	03/31/2023	ND	169	84.3	200	2.51		
	EXT DRO >C28-C36	<10.0	10.0	03/31/2023	ND						
Surrogate: 1-Chlorooctadecane 123 % 49.1-148	Surrogate: 1-Chlorooctane	112	% 48.2-13	4							
	Surrogate: 1-Chlorooctadecane	123	% 49.1-14	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: 03/30/2023 Sampling Date: 03/30/2023

Reported: 04/04/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/F SEC 8 T18S - R31E

## Sample ID: HZ 4 - 1' (H231480-12)

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	03/31/2023	ND	1.89	94.5	2.00	8.42	
Toluene*	<0.050	0.050	03/31/2023	ND	1.92	95.9	2.00	8.33	
Ethylbenzene*	<0.050	0.050	03/31/2023	ND	1.94	96.8	2.00	9.53	
Total Xylenes*	<0.150	0.150	03/31/2023	ND	5.86	97.7	6.00	8.38	
Total BTEX	<0.300	0.300	03/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 5	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2023	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	03/31/2023	ND	178	89.0	200	7.79	
DRO >C10-C28*	<10.0	10.0	03/31/2023	ND	207	104	200	7.02	
EXT DRO >C28-C36	<10.0	10.0	03/31/2023	ND					
Surrogate: 1-Chlorooctane	106 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	122 9	6 49.1-14	8						

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Celey D. Keene



## **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.

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



101	101 East Marland, Hobbs, NM 88240	240				age
Company Name:	Hungry Horse LLC		BILL TO		ANALYSIS REQUEST	
	Daniel Dominguez		P.O. #:			
× L	1058		Company Frontier Field Services, LLC	vices, LLC		
흥 L	State: NM	Zip: 88241	Attn: Chad Frost			
D +	Fax #:		Address: 47 Conoco Rd			
		Frontier Field Services, LLC	City: Maljamar			
ame:	Cedar Breaks 12"		State: NM Zip: 88264			
on:	UL/ F Sec 8 T18S - R31E		Phone #: 575-703-7992			
	Eli Dominguez		Fax #:			
1		MATRIX	PRESERV. SAMPLING	เด		
Lab I.D.	Sample I.D.	G)RAB OR (C)OMP.  # CONTAINERS  GROUNDWATER  WASTEWATER  SOIL  DIL  SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER : DATE	Chloride	BTEX 8021	
		< ×		× ×	××	
SD3	~ [ [			×	×	
4 SP4	44	G 1 ×	X 3/30/23	×	×	
PLEASE NOTE: Liability and Dami analyses. All claims including those	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waiving whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waiving whether based in contract or tort, shall be limited to the amount paid by the client for the analysis of the amount paid by the client for the analysis of the amount paid by the client for the analysis of the amount paid by the client for the analysis of the amount paid by the client for the analysis of the amount paid by the client for the analysis of the amount paid by the client for the analysis of the amount paid by the client for the analysis of the amount paid by the client for the analysis of the amount paid by the client for the analysis of the amount paid by the client for the analysis of the amount paid by the client for the analysis of the amount paid by the client for the amount paid by the client for the analysis of the amount paid by the client for the analysis of the amount paid by the client for the analysis of the amount paid by the client for the analysis of the amount paid by the client for the analysis of the amount paid by the client for the analysis of the amount paid by the client for the analysis of the amount paid by the client for the analysis of the amount paid by the client for the analysis of the amount paid by the client for the amount paid by the client for the analysis of the amount paid by the client for the analysis of the amount paid by the client for the amount paid by the cli	my claim arising whether based in contract or t deemed waived unless made in writing and re a without limitation, business interruptions, loss	tort, shall be limited to the amount paid by the eceived by Cardinal within 30 days after comp is of use, or loss of profits incurred by client, its	e client for the bletion of the applicable is subsidiaries,		
Relinquished By:	sing out of or related to the performance of services hereunder by Cardinal, regardless of w By:  Date: 3/2/19  Received	Cardinal, regardless of whether such claim is because Received By:	ther such claim is based upon any or the above stated reasons.		Yes	
Elinquished By:	my	Received By:	men	Its to	m@hungr frost@dur	
Delivered By: (C Sampler - UPS - B	Bampler - UPS - Bus - Other:	Sample Condition Cool Intact A Yes A Yes	es (Intials)			

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101	101 East Marland, Hobbs, NM 88240	bs, NM 8824	, 0																											ge 16
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	Daniel Dominguez								9.	P.O. #:	"							_		_					_		_		_	$\dashv$
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April 20, 2023

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

RE: CEDAR BREAKS 12"

Enclosed are the results of analyses for samples received by the laboratory on 04/14/23 16:25.

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

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

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

Celey D. 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: 04/14/2023 Sampling Date: 04/14/2023

Reported: 04/20/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Project Location: UL/F SEC 8 T18S - R31E

## Sample ID: SP 1 - 12' (H231821-01)

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*	<0.050	0.050	04/19/2023	ND	2.06	103	2.00	19.1	
Toluene*	0.792	0.050	04/19/2023	ND	2.18	109	2.00	20.0	
Ethylbenzene*	0.740	0.050	04/19/2023	ND	2.14	107	2.00	18.2	
Total Xylenes*	3.93	0.150	04/19/2023	ND	6.61	110	6.00	16.9	
Total BTEX	5.46	0.300	04/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	194	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/19/2023	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*	139	10.0	04/19/2023	ND	191	95.3	200	5.60	
DRO >C10-C28*	1480	10.0	04/19/2023	ND	191	95.7	200	5.83	
EXT DRO >C28-C36	265	10.0	04/19/2023	ND					
Surrogate: 1-Chlorooctane	125	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	138	% 49.1-14	8						

## Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



## Analytical Results For:

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

Fax To: (505) 391-4585

Received: 04/14/2023 Sampling Date: 04/14/2023

Reported: 04/20/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: UL/F SEC 8 T18S - R31E

ma/ka

## Sample ID: SP 2 - 4' (H231821-02)

RTFY 8021R

B1EX 8021B	mg	<sup>и</sup> кд	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2023	ND	2.06	103	2.00	19.1	
Toluene*	<0.050	0.050	04/19/2023	ND	2.18	109	2.00	20.0	
Ethylbenzene*	<0.050	0.050	04/19/2023	ND	2.14	107	2.00	18.2	
Total Xylenes*	<0.150	0.150	04/19/2023	ND	6.61	110	6.00	16.9	
Total BTEX	<0.300	0.300	04/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/19/2023	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	04/19/2023	ND	191	95.3	200	5.60	
DRO >C10-C28*	11.2	10.0	04/19/2023	ND	191	95.7	200	5.83	
EXT DRO >C28-C36	12.8	10.0	04/19/2023	ND					
Surrogate: 1-Chlorooctane	94.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	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: 04/14/2023 Sampling Date: 04/14/2023

Reported: 04/20/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact Sample Received By: Project Number: FRONTIER FIELD SERVICES Tamara Oldaker

Project Location: UL/F SEC 8 T18S - R31E

## Sample ID: SP 3 - 4' (H231821-03)

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	04/19/2023	ND	2.06	103	2.00	19.1	
Toluene*	<0.050	0.050	04/19/2023	ND	2.18	109	2.00	20.0	
Ethylbenzene*	<0.050	0.050	04/19/2023	ND	2.14	107	2.00	18.2	
Total Xylenes*	<0.150	0.150	04/19/2023	ND	6.61	110	6.00	16.9	
Total BTEX	<0.300	0.300	04/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/19/2023	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	04/19/2023	ND	191	95.3	200	5.60	
DRO >C10-C28*	<10.0	10.0	04/19/2023	ND	191	95.7	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	04/19/2023	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

## Cardinal Laboratories

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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: 04/14/2023 Sampling Date: 04/14/2023

Reported: 04/20/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: UL/F SEC 8 T18S - R31E

ma/ka

## Sample ID: SP 4 - 4' (H231821-04)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2023	ND	2.06	103	2.00	19.1	
Toluene*	<0.050	0.050	04/19/2023	ND	2.18	109	2.00	20.0	
Ethylbenzene*	<0.050	0.050	04/19/2023	ND	2.14	107	2.00	18.2	
Total Xylenes*	<0.150	0.150	04/19/2023	ND	6.61	110	6.00	16.9	
Total BTEX	<0.300	0.300	04/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/19/2023	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	04/19/2023	ND	191	95.3	200	5.60	
DRO >C10-C28*	12.0	10.0	04/19/2023	ND	191	95.7	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	04/19/2023	ND					
Surrogate: 1-Chlorooctane	93.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



## **Notes and Definitions**

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QR-04 The RPD for the BS/BSD was outside of historical limits.

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. Keine

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

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Company Name:	- 1	LC (c. c) ccc					- 1	- 1	4				8	BILL TO					ANALYSIS		REQUEST	Po
Project Manager:		ez								P.O. #:	#	"										
Address: PO	S L									Col	du	any	T	Company Frontier Field Services, LLC	vices, LLC							
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~		Project Owner:	Frontier Field Services, LLC	er F	ield	Sen	/ices	5, [		City:		N N	jai	Maljamar								
Project Name:	Cedar Breaks 12"									Sta	te:	State: NM	>	Zip: 88264								
Project Location:	n: UL/F Sec 8 T18S	3S - R31E								Ph	one	#	57	Phone #: 575-703-7992			_					
Sampler Name:	Chris Alvarez									Fax #:	#											
FOR LAB USE ONLY			ο,	$\overline{}$	- 1	- 2	MATRIX	_ ≪	41		PR	PRESERV.	727	SAMPLING	G							
Lab I.D.	Sample I.D.	e 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				
	SP1-12'		G	1		200	×			1		×		4/14/23		×	×	×				
2	SP2-4'		G	-			×					×		4/14/23		×	×	×				
3	SP3-4'		G	-	_	_	×	_			0	×		4/14/23		×	×	×	+		-	
4	SP4-4'		G				×					×		4/14/23		×	×	×				
PLEASE NOTE: Liability as analyses. All claims includi service. In no event shall C affiliates or successors arisi	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, and interruptions of the above stated reasons or otherwise.  The contract of whether such claim is based upon any of the above stated reasons or otherwise.  Phone Result:	d client's exclusive remedy to her cause whatspever shall in nsequental damages, includance of services hereunder b	remedy for any claim arising whether base ever shall be deemed waived unless made ges, including without limitation, business ir areunder by Cardinal, regardless of whether December 19.	ing wh wed un lation, ardless	hether based in contract or tort, shall thess made in writing and received by business interruptions, loss of use, or so of whether such claim is based upon	basec nade i nade i ness int	in co m writing errupi	ntract ng an tions, claim	or to	rt, she sived of use sed u	by Ca	irmited to irdinal wi ss of pro ny of the	the a	the amount paid by the thin 30 days after completes incurred by client, its above stated reasons of the complete in the comple	pletion of the applicable its subsidiaries, or otherwise.  Phone Result:		□ Yes	No.		one #:		
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April 28, 2023

DANIEL DOMINGUEZ
Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: CEDAR BREAKS 12"

Enclosed are the results of analyses for samples received by the laboratory on 04/24/23 16:13.

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

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

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

Celey D. 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: 04/24/2023 Sampling Date: 04/24/2023

Reported: 04/28/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Project Location: UL/F SEC 8 T18S - R31E

## Sample ID: SP 1 - 13' (H231990-01)

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	04/26/2023	ND	2.14	107	2.00	4.38	
Toluene*	<0.050	0.050	04/26/2023	ND	2.15	107	2.00	3.88	
Ethylbenzene*	<0.050	0.050	04/26/2023	ND	2.17	109	2.00	3.28	
Total Xylenes*	0.215	0.150	04/26/2023	ND	6.60	110	6.00	2.15	
Total BTEX	<0.300	0.300	04/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/26/2023	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	04/25/2023	ND	205	103	200	0.769	
DRO >C10-C28*	143	10.0	04/25/2023	ND	200	100	200	0.0889	
EXT DRO >C28-C36	15.9	10.0	04/25/2023	ND					
Surrogate: 1-Chlorooctane	69.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.2	% 49.1-14	8						

## Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



## **Notes and Definitions**

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

ecovery.

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



	(5/5) 393-2326 FAX (5/5) 393-24/6	FAA (2/3)	147-000	ľ																						
Company Name:	Hungry Horse LLC	C											BI	BILL TO					AN	ANALYSIS	- 1	EQU	REQUEST			
roject Manager:	Daniel Dominguez	ez								Q,	P.O. #:	AT.					_	_	-	-	_	-	_		-	+
Address: POB	PO Box 1058									ਨ	duc	any	Fre	Company Frontier Field Services, LLC	ervices, LLC						_				_	
City: Hobbs		State: NM		Zip:		88241	44			A	Attn:	5	ad	Chad Frost							_					
hone #: 575 3	575 393-3386	Fax #:								AC	dre	SS:	47	Address: 47 Conoco Rd	ů.					—	_	_	_			
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roject Name: C	Cedar Breaks 12"			-						St	State: NM	Z		Zip: 88264	4					_						
roject Location:	UL/ F Sec 8 T18S - R31E	S - R31E								P	Phone #:		575	575-703-7992						_		_			_	
ampler Name:	Daniel Dominguez	ez								Fa	Fax #:									_		_	_			
FOR LAB USE ONLY				4	$\dashv$		3	MATRIX	×	ŀ	밁	PRESERV.	R V	SAMPLING	NG				_	_	_	_	_	_		_
Lab I.D.	Sample I.D.			(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER WASTEWATER		OIL	SLUDGE	OTHER:		ICE / COOL	OTHER:	DATE	TIME	Chloride	ТРН	BTEX 8021								
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EASE NOTE: Liability and Da alyses. All claims including th vice. In no event shall Cardin	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 alyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable proces. 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,	client's exclusive rem er cause whatsoever sequental damages	nedy for any clair r shall be deeme , including withou	n arisir d waiw d limita	ng whe	ther b	ased it ide in v	contr	and re	ort, sh. ceived of use	by Cau	imited idinal v	to the within 3 rofits in	amount paid by th 30 days after com- ncurred by client, I	e client for the pletion of the applic ts subsidiaries,	able										-
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Cardinal cannot accent verbal changes. Please fax written changes to 575, 303, 2476				ı							ì															



April 28, 2023

DANIEL DOMINGUEZ
Hungry Horse Environmental
P.O. Box 1058

Hobbs, NM 88240

RE: CEDAR BREAKS 12"

Enclosed are the results of analyses for samples received by the laboratory on 04/25/23 14:40.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. 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: 04/25/2023 Sampling Date: 04/25/2023

Reported: 04/28/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: UL/F SEC 8 T18S - R31E

mg/kg

## Sample ID: FL 1 (H232012-01)

BTEX 8021B

BIEX GOEED	9/	119	Anaryzo	a 2 y : 3 : 1					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2023	ND	1.97	98.4	2.00	2.13	
Toluene*	<0.050	0.050	04/26/2023	ND	1.97	98.5	2.00	2.81	
Ethylbenzene*	<0.050	0.050	04/26/2023	ND	2.02	101	2.00	1.69	
Total Xylenes*	<0.150	0.150	04/26/2023	ND	6.24	104	6.00	0.458	
Total BTEX	<0.300	0.300	04/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/26/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/26/2023	ND	206	103	200	5.93	
DRO >C10-C28*	<10.0	10.0	04/26/2023	ND	195	97.5	200	4.31	
EXT DRO >C28-C36	<10.0	10.0	04/26/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	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: 04/25/2023 Sampling Date: 04/25/2023

Reported: 04/28/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: UL/F SEC 8 T18S - R31E

ma/ka

## Sample ID: FL 2 (H232012-02)

RTFY 8021R

Analyte	Result	Reporting Limit							
		Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	04/26/2023	ND	1.97	98.4	2.00	2.13	
Toluene*	<0.050	0.050	04/26/2023	ND	1.97	98.5	2.00	2.81	
Ethylbenzene*	<0.050	0.050	04/26/2023	ND	2.02	101	2.00	1.69	
Total Xylenes*	<0.150	0.150	04/26/2023	ND	6.24	104	6.00	0.458	
Total BTEX	<0.300	0.300	04/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
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	04/26/2023	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/26/2023	ND	206	103	200	5.93	
DRO >C10-C28*	<10.0	10.0	04/26/2023	ND	195	97.5	200	4.31	
EXT DRO >C28-C36	<10.0	10.0	04/26/2023	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celeg & Freene



## Analytical Results For:

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

Fax To: (505) 391-4585

Received: 04/25/2023 Sampling Date: 04/25/2023

Reported: 04/28/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/F SEC 8 T18S - R31E

## Sample ID: FL 3 (H232012-03)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2023	ND	1.97	98.4	2.00	2.13	
Toluene*	<0.050	0.050	04/26/2023	ND	1.97	98.5	2.00	2.81	
Ethylbenzene*	<0.050	0.050	04/26/2023	ND	2.02	101	2.00	1.69	
Total Xylenes*	<0.150	0.150	04/26/2023	ND	6.24	104	6.00	0.458	
Total BTEX	<0.300	0.300	04/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	71.5-13	4						
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	04/26/2023	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/26/2023	ND	206	103	200	5.93	
DRO >C10-C28*	<10.0	10.0	04/26/2023	ND	195	97.5	200	4.31	
EXT DRO >C28-C36	<10.0	10.0	04/26/2023	ND					
Surrogate: 1-Chlorooctane	103 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	6 49.1-14	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: 04/25/2023 Sampling Date: 04/25/2023

Reported: 04/28/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: UL/F SEC 8 T18S - R31E

ma/ka

## Sample ID: FL 4 (H232012-04)

RTFY 8021R

BIEX 8021B	тд/кд		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2023	ND	1.97	98.4	2.00	2.13	
Toluene*	<0.050	0.050	04/26/2023	ND	1.97	98.5	2.00	2.81	
Ethylbenzene*	<0.050	0.050	04/26/2023	ND	2.02	101	2.00	1.69	
Total Xylenes*	<0.150	0.150	04/26/2023	ND	6.24	104	6.00	0.458	
Total BTEX	<0.300	0.300	04/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
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	04/26/2023	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/26/2023	ND	177	88.7	200	5.07	
DRO >C10-C28*	13.5	10.0	04/26/2023	ND	203	102	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	04/26/2023	ND					
Surrogate: 1-Chlorooctane	91.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	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: 04/25/2023 Sampling Date: 04/25/2023

Reported: 04/28/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: UL/F SEC 8 T18S - R31E

mg/kg

## Sample ID: FL 5 (H232012-05)

BTEX 8021B

DILX GOZID	mg/	, kg	Allulyzo	.u Dy. 3117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2023	ND	2.19	109	2.00	7.31	QR-03
Toluene*	<0.050	0.050	04/26/2023	ND	2.26	113	2.00	7.53	QR-03
Ethylbenzene*	<0.050	0.050	04/26/2023	ND	2.19	109	2.00	5.21	QR-03
Total Xylenes*	<0.150	0.150	04/26/2023	ND	6.77	113	6.00	4.00	QR-03
Total BTEX	<0.300	0.300	04/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/26/2023	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	04/26/2023	ND	177	88.7	200	5.07	
DRO >C10-C28*	<10.0	10.0	04/26/2023	ND	203	102	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	04/26/2023	ND					
Surrogate: 1-Chlorooctane	94.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Freene



## Analytical Results For:

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

Fax To: (505) 391-4585

Received: 04/25/2023 Sampling Date: 04/25/2023

Reported: 04/28/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: UL/F SEC 8 T18S - R31E

ma/ka

## Sample ID: FL 6 (H232012-06)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2023	ND	2.19	109	2.00	7.31	
Toluene*	<0.050	0.050	04/26/2023	ND	2.26	113	2.00	7.53	
Ethylbenzene*	<0.050	0.050	04/26/2023	ND	2.19	109	2.00	5.21	
Total Xylenes*	<0.150	0.150	04/26/2023	ND	6.77	113	6.00	4.00	
Total BTEX	<0.300	0.300	04/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/26/2023	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	04/26/2023	ND	177	88.7	200	5.07	
DRO >C10-C28*	<10.0	10.0	04/26/2023	ND	203	102	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	04/26/2023	ND					
Surrogate: 1-Chlorooctane	88.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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: 04/25/2023 Sampling Date: 04/25/2023

Reported: 04/28/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: UL/F SEC 8 T18S - R31E

mg/kg

## Sample ID: FL 7 (H232012-07)

BTEX 8021B

	91	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2023	ND	2.19	109	2.00	7.31	
Toluene*	<0.050	0.050	04/26/2023	ND	2.26	113	2.00	7.53	
Ethylbenzene*	<0.050	0.050	04/26/2023	ND	2.19	109	2.00	5.21	
Total Xylenes*	<0.150	0.150	04/26/2023	ND	6.77	113	6.00	4.00	
Total BTEX	<0.300	0.300	04/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/26/2023	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	04/26/2023	ND	177	88.7	200	5.07	
DRO >C10-C28*	<10.0	10.0	04/26/2023	ND	203	102	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	04/26/2023	ND					
Surrogate: 1-Chlorooctane	92.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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## Analytical Results For:

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

Fax To: (505) 391-4585

mg/kg

Received: 04/25/2023 Sampling Date: 04/25/2023

Reported: 04/28/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: UL/F SEC 8 T18S - R31E

## Sample ID: FL 8 (H232012-08)

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	04/26/2023	ND	2.19	109	2.00	7.31	
Toluene*	<0.050	0.050	04/26/2023	ND	2.26	113	2.00	7.53	
Ethylbenzene*	<0.050	0.050	04/26/2023	ND	2.19	109	2.00	5.21	
Total Xylenes*	<0.150	0.150	04/26/2023	ND	6.77	113	6.00	4.00	
Total BTEX	<0.300	0.300	04/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/26/2023	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	04/26/2023	ND	177	88.7	200	5.07	
DRO >C10-C28*	<10.0	10.0	04/26/2023	ND	203	102	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	04/26/2023	ND					
Surrogate: 1-Chlorooctane	86.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	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: 04/25/2023 Sampling Date: 04/25/2023

Reported: 04/28/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact Sample Received By: Project Number: FRONTIER FIELD SERVICES Shalyn Rodriguez

Project Location: UL/F SEC 8 T18S - R31E

## Sample ID: FL 9 (H232012-09)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2023	ND	2.19	109	2.00	7.31	
Toluene*	<0.050	0.050	04/26/2023	ND	2.26	113	2.00	7.53	
Ethylbenzene*	<0.050	0.050	04/26/2023	ND	2.19	109	2.00	5.21	
Total Xylenes*	<0.150	0.150	04/26/2023	ND	6.77	113	6.00	4.00	
Total BTEX	<0.300	0.300	04/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/26/2023	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	04/26/2023	ND	177	88.7	200	5.07	
DRO >C10-C28*	<10.0	10.0	04/26/2023	ND	203	102	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	04/26/2023	ND					
Surrogate: 1-Chlorooctane	95.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121 9	6 49.1-14	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: 04/25/2023 Sampling Date: 04/25/2023

Reported: 04/28/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/F SEC 8 T18S - R31E

## Sample ID: FL 10 (H232012-10)

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	04/26/2023	ND	2.19	109	2.00	7.31	
Toluene*	<0.050	0.050	04/26/2023	ND	2.26	113	2.00	7.53	
Ethylbenzene*	<0.050	0.050	04/26/2023	ND	2.19	109	2.00	5.21	
Total Xylenes*	<0.150	0.150	04/26/2023	ND	6.77	113	6.00	4.00	
Total BTEX	<0.300	0.300	04/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/26/2023	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	04/26/2023	ND	177	88.7	200	5.07	
DRO >C10-C28*	<10.0	10.0	04/26/2023	ND	203	102	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	04/26/2023	ND					
Surrogate: 1-Chlorooctane	93.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	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: 04/25/2023 Sampling Date: 04/25/2023

Reported: 04/28/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/F SEC 8 T18S - R31E

## Sample ID: SW 1 (H232012-11)

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	04/26/2023	ND	2.19	109	2.00	7.31	
Toluene*	<0.050	0.050	04/26/2023	ND	2.26	113	2.00	7.53	
Ethylbenzene*	<0.050	0.050	04/26/2023	ND	2.19	109	2.00	5.21	
Total Xylenes*	<0.150	0.150	04/26/2023	ND	6.77	113	6.00	4.00	
Total BTEX	<0.300	0.300	04/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/26/2023	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	04/26/2023	ND	177	88.7	200	5.07	
DRO >C10-C28*	159	10.0	04/26/2023	ND	203	102	200	2.30	
EXT DRO >C28-C36	16.1	10.0	04/26/2023	ND					
Surrogate: 1-Chlorooctane	96.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127	% 49.1-14	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: 04/25/2023 Sampling Date: 04/25/2023

Reported: 04/28/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: UL/F SEC 8 T18S - R31E

ma/ka

## Sample ID: SW 2 (H232012-12)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2023	ND	2.19	109	2.00	7.31	
Toluene*	<0.050	0.050	04/26/2023	ND	2.26	113	2.00	7.53	
Ethylbenzene*	<0.050	0.050	04/26/2023	ND	2.19	109	2.00	5.21	
Total Xylenes*	<0.150	0.150	04/26/2023	ND	6.77	113	6.00	4.00	
Total BTEX	<0.300	0.300	04/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/26/2023	ND	432	108	400	0.00	QM-07
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	04/26/2023	ND	177	88.7	200	5.07	
DRO >C10-C28*	20.0	10.0	04/26/2023	ND	203	102	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	04/26/2023	ND					
Surrogate: 1-Chlorooctane	90.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 49.1-14	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: 04/25/2023 Sampling Date: 04/25/2023

Reported: 04/28/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: UL/F SEC 8 T18S - R31E

ma/ka

## Sample ID: SW 3 (H232012-13)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2023	ND	2.19	109	2.00	7.31	
Toluene*	<0.050	0.050	04/26/2023	ND	2.26	113	2.00	7.53	
Ethylbenzene*	<0.050	0.050	04/26/2023	ND	2.19	109	2.00	5.21	
Total Xylenes*	<0.150	0.150	04/26/2023	ND	6.77	113	6.00	4.00	
Total BTEX	<0.300	0.300	04/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/26/2023	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	04/26/2023	ND	177	88.7	200	5.07	
DRO >C10-C28*	20.2	10.0	04/26/2023	ND	203	102	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	04/26/2023	ND					
Surrogate: 1-Chlorooctane	92.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	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: 04/25/2023 Sampling Date: 04/25/2023

Reported: 04/28/2023 Sampling Type: Soil

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact Project Number: FRONTIER FIELD SERVICES Sample Received By: Shalyn Rodriguez

Project Location: UL/F SEC 8 T18S - R31E

## Sample ID: SW 4 (H232012-14)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2023	ND	2.19	109	2.00	7.31	
Toluene*	<0.050	0.050	04/26/2023	ND	2.26	113	2.00	7.53	
Ethylbenzene*	<0.050	0.050	04/26/2023	ND	2.19	109	2.00	5.21	
Total Xylenes*	<0.150	0.150	04/26/2023	ND	6.77	113	6.00	4.00	
Total BTEX	<0.300	0.300	04/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/26/2023	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	04/26/2023	ND	177	88.7	200	5.07	
DRO >C10-C28*	13.9	10.0	04/26/2023	ND	203	102	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	04/26/2023	ND					
Surrogate: 1-Chlorooctane	99.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127 9	% 49.1-14	8						

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## **Notes and Definitions**

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below  $6^{\circ}\text{C}$ 

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

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Freene

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Maria (575) 393-232	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	240 .476			
Company Name: Hungry Horse LLC	LLC		BILL TO		ANALYSIS REQUEST
.,	guez		P.O. #:		_
Address: PO Box 1058			Company Frontier Field Services,	ervices, LLC	
City: Hobbs	State: NM	Zip: 88241	Attn: Chad Frost		
Phone #: 575 393-3386	Fax #:		Address: 47 Conoco Rd	0.	
Project #:	Project Owner:	Frontier Field Services, LLC	City: Maljamar		
Project Name: Cedar Breaks 12"			**	4	
Project Location: UL/ F Sec 8 T18S	18S - R31E		Phone #: 575-703-7992		
Sampler Name: Daniel Dominguez	guez		Fax #:		
FOR LAB USE ONLY		ER	PRESERV. SAMPLING	NG	
Lab I.D. Samp	Sample I.D.	(G)RAB OR (C) # CONTAINER GROUNDWAT WASTEWATE SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	Chloride	BTEX 8021
I FL1		C 1 ×	X 4/25/23	×	×
FL2		C 1 ×	X 4/25/23	×	×
FL3		0 1 X	X 4/25/23	×	×
4 FL4		C 1	X 4/25/23	×	×
FL5			X 4 4/25/23	+	×
16			1	+	×
Q FIS		× ×	X 4/25/23	< ×	< ×
FL9		_		+	× ;
		$\overline{}$	X 4/25/23		×
PLEASE NOTE: Liability and Damages. Cardinal's lability and client's exclusive remedy for any claim arising whether ba analysies. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless manalysies. All claims including without limitation to such a support of the consequence of any other cause what wait is supported by the support of the consequence of any other cause without the analysis of the cardinal be liable for incidental or consequence of any other cardinal by subjects of successions arising out of or related to the performance of any other than the cardinal reparalless of what	ind client's exclusive remedy for any other cause whatsoever shall be de consequental damages, including w mance of services haveunder by Car	sed in o	nd in contract or tort, shall be limited to the amount paid by the in writing and received by Cardinal within 30 days after committen uplons, loss of use, or loss of profits incurred by client, it reach claim is based upon a ross of the above attack associated.	nt paid by the client for the splicable drawn subsidiaries.  drawn the subsidiaries.	
Relinquished By:	विडिडीय	Received By:		Phone Result: ☐ Yes	□ No Add'! Phone #: □ No Add'! Fax #:
Relinquished By:	Date:	Received By:	igney		)
,	Time:		C	Email results to: p	pm@hungry-horse.com cfrost@durangomidstream.com
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	3.15000	Sample Condition Cool Intact Pres Tives	on CHECKED BY:		
† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476	hanges. Please fax	written changes to 575-3	93-2476		

Sampler - UPS - Bus - Other; Relinquished By: Relinquished By: service. In no event shall Cardinal be liable for incidental or con Project #: Phone #: City: LEASE NOTE: Liability and Da Sampler Name: Project Location: Project Name: Address: Project Manager: Company Name: Delivered By: (Circle One) 3.12 13330F FOR LAB USE ONLY Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476 Lab I.D. 7 W 2) 3 Hobbs 575 393-3386 PO Box 1058 SW4 SW3 SW2 SW1 Cedar Breaks 12' 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Daniel Dominguez Daniel Dominguez Hungry Horse LLC UL/ F Sec 8 T18S - R31E Sample I.D. Project Owner: Fax #: State: Time; 44[ 2 25 23 30.00 Date: Time: Z Received By Received By: Frontier Field Services, 0 0 0 0 (G)RAB OR (C)OMP Zip: # CONTAINERS 88241 GROUNDWATER Cool Intact
Pres Pres
No No Sample Condition made in writing and received by Cardinal within 30 days after completion of the applicable WASTEWATER MATRIX × × × SOIL OIL ons, loss of use, or loss of profits LLC SLUDGE City: OTHER Fax #: State: NM P.O. #: Phone #: |575-703-7992 Attn: Chad Frost Company Frontier Field Services, LLC Address: 47 Conoco Rd ACID/BASE PRESERV. Maljamar CHECKED BY: × ICE / COOL BILL OTHER Zip: 88264 4/25/23 4/25/23 4/25/23 4/25/23 DATE ed by client, its subsidiarie SAMPLING 70 Phone Result: Fax Result: REMARKS Email results to: TIME CHAIN-OF-CUSTODY AND ANALYSIS REQUEST Chloride × × × × ☐ Yes × TPH × × × pm@hungry-horse.com cfrost@durangomidstream.com **BTEX 8021** × × × × O No Add'l Fax #: Add'l Phone #: ANALYSIS REQUEST Page 18 of 18



May 09, 2023

DANIEL DOMINGUEZ
Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: CEDAR BREAKS 12"

Enclosed are the results of analyses for samples received by the laboratory on 05/04/23 13:43.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. 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: 05/04/2023 Sampling Date: 05/04/2023

Reported: 05/09/2023 Sampling Type: Soil
Project Name: CEDAR BREAKS 12" Sampling Condition: Cool

Project Name: CEDAR BREAKS 12" Sampling Condition: Cool & Intact
Project Number: FRONTIER FIELD SERVICES Sample Received By: Tamara Oldaker

Project Location: UL/F SEC 8 T18S - R31E

## Sample ID: SW 1B (H232217-01)

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	05/06/2023	ND	1.94	97.2	2.00	4.91	
Toluene*	<0.050	0.050	05/06/2023	ND	2.01	101	2.00	3.14	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	1.94	97.2	2.00	3.24	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.09	101	6.00	2.10	
Total BTEX	<0.300	0.300	05/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/05/2023	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	05/05/2023	ND	169	84.7	200	3.20	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	166	83.0	200	0.997	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					
Surrogate: 1-Chlorooctane	97.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Celeg D. Keene



## **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below  $6^{\circ}\text{C}$ 

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



Phone #:   575 393-3386	Project Owner:   Frontier Field Services, LLC City:   Maljamar	Name: lanager lanager lobbs	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 ame: Hungry Horse LLC ager: Daniel Dominguez PO Box 1058 bs State: NM	Hobbs, NM 8 FAX (575) 393 C	8240 2476 Zip:   88241		cha Cha	BILL TO Frontier Field Services, LLC and Frost				ANALYSIS		YSIS REQUEST
Project Owner:   Frontier Field Services, LLC   City:   Maljamar	Project Owner:   Frontier Field Services, LLC City:   Maljamar   State:   NIM   Zip:   88264	Hob	393-3386				Chad Frost	co Rd						
Nation:   Cedar Breaks 12"   State:   NM   Zip:   88264     ation:   UL/F Sec 8 T18S - R31E   Phone #:   575-703-7992	State: NM Zip: 88264	Project #:		roject Owner:	Frontier Field Se	_	Maljamar		_					
Acidi/Base:  Swith Sample I.D.  Sample I.D.  Sample I.D.  Sample I.D.  Sample I.D.  Phone #: 575-703-7992  Fax #:  Fax	Daniel Dominguez    Fax #:   F					State	MN	88264						
SW1b  Sample I.D.	Daniel Dominguez    Fax #:   PRESERV.   SAMPLING	Project Location:		- R31E		Phon	ne #: 575-703	-7992						
SW1b  Sample I.D.  Sample I.D.  (G)RAB OR (C)OMP  1 # CONTAINERS  GROUNDWATER  WASTEWATER  X SOIL  OIL  SLUDGE  OTHER:  ACID/BASE:  X ICE / COOL  OTHER:  5/4/23	Sample I.D.  Sample I.D.  OR GERR  AB TTANAMER  OR GRASTER  STATE  OR GRASTER	Sampler Name:	Daniel Domingue	Z		Fax #	75		_					
SW1b  C (G)RAB OR (C)OM  WE CONTAINERS GROUNDWATER WASTEWATER  WASTEWATER  SOIL OIL SLUDGE OTHER: ACID/BASE: X ICE / COOL OTHER: 5/4/23	Sample I.D.    Column   Column	FOR LAB USE ONLY			T			AMPLING						
SW1b C 1	SW1b  C 1 X X 5/4/23  Samples. Caudinal's liability and clearls, exclusive remedy for any claim a rising whether based in contract or text, shall be limited to the amount paid by the claim to inable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by Cardinal, regardless of whether such claim is based upon any of the above attend to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above attend to complete the complete of services interruptions, loss of use, or loss of profits incurred by client, its su out of or regard to the performance of services interruptions, loss of use, or loss of profits incurred by client, its su out of or regard to the performance of services interruptions, loss of use, or loss of profits incurred by client, its su out of or regard to the performance of services interruptions, loss of use, or loss of profits incurred by client, its su out of or regard to the performance of services interruptions, loss of use, or loss of profits incurred by client, its su out of or regard to the performance of services interruptions, loss of use, or loss of profits incurred by client, its su out of or regard to the amount paid by the client, its su out of or regard to the performance of services in writing and received by Cardinal making whether based in contract or text, shall be limited to the amount paid by the client, its su out of or regard to text, shall be limited to the amount paid by the client, its su out of or regard to text, shall be limited to the amount paid by the client, its su out of or regard to text, shall be limited to the amount paid by the client, its su out of or regard to contract or text, shall be limited to text, shall be limited	Lab I.D.	Sample	ΙĐ	# CONTAINERS GROUNDWATER	OIL SLUDGE OTHER :	OTHER:			Chloride	ТРН	5.3.0	ТРН	ТРН
	Damages. Cardinial's liability and client's exclusive remedy for any claim anxing whether based in contract or tort, shall be limited to the amount paid by the climate be included in writing and received by Cardinial writin 30 days after compiled in all be liable for including variential dramages, including without limitation, business interruptions, loss of use, or loss of portion days after compiled to the performance of services hereunder by Cardinial, regardless of whether such claim is based upon any of the above stated reasons or of or reject to the performance of services hereunder by Cardinial, regardless of whether such claim is based upon any of the above stated reasons or of the above stated r		SW1b				×	/23		×	×	×	×	×
	Demages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or text, shall be limited to the amount paid by the clients from helpigence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after complete limits to incidental or consequential damnages, including without limitation, business interruptions, loss of use, or loss of profile incurred by client, its su out of or relyated to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or of the subject of the performance of the accelerated by:    Cardinal   Received By:   Received								<del>+                                      </del>					
	Time:    Date:   Received By:	-	00	Date: 5/4/23	Received By:		11/11	1	it:		lt: ☐ Yes	☐ Yes ☐ No	☐ Yes☐ Yes	☐ Yes ☐ No
Date 4/25 Received By:	d By: (Circle One)  ##/3 Sample Condition Cool Intact	The Relinquished By:	No.	Time: /3:43 Date:	Received By:	ilara dela	alist S	REMA	e R	ts	ts to:	ts to:	ts to:	ts to:
	/ -:	Delivered By: ( Sampler - UPS -		600	6.413	ple Condition Intact Yes Yes No No No	(Initials)							

## Attachment VII NMOCD Form Initial C-141

District 1
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	nAPP2306024427
District RP	
Facility ID	
Application ID	

## **Release Notification**

## Responsible Party

Responsible Party Fr	ontier Field Services,	LLC	OGRID	221115
Contact Name Ambe	r Groves		Contact	Telephone 575-703-7992
Contact email agrove	s@durangomidstream.	.com	Incident	# (assigned by OCD)
Contact mailing addr	ess 47 Conoco Rd, Ma	aljamar NM 8826	4	
		Location	of Release	Source
atitude 32	.762548	(NAD 83 in deci	Longitude	e -103.892985 cimal places)
Site Name Cedar Brea	ks 12" Steel Pineline	(1112-25 11 100)		e Pipeline
Date Release Discove	2-1-1		1.00	11.00
Date Release Discove	ed 02282023		API# (ij a	applicable)
Unit Letter   Section	n Township	Range	Co	unty
	18S	31E	E,	ddy
F 8 urface Owner:  Sta	te 🛭 Federal 🗌 Tri		ame:	)
urface Owner: Sta	te  Federal  Tri	bal Private (N	Volume of	Release  fic justification for the volumes provided below)
urface Owner: Sta	te  Federal  Tri	bal Private (N Nature and that apply and attach c	Volume of	fic justification for the volumes provided below)  Volume Recovered (bbls)
urface Owner: Sta	te  Federal  Tri	bal Private (N  Nature and  that apply and attach coll (bbls)	Volume of	f Release  fic justification for the volumes provided below)  Volume Recovered (bbls)  Volume Recovered (bbls)
urface Owner: Sta	te  Federal  Tri erial(s) Released (Select all Volume Released Volume Released	bal Private (N  Nature and  that apply and attach coll (bbls)  (bbls)  on of dissolved ch	Volume of	fic justification for the volumes provided below)  Volume Recovered (bbls)
urface Owner: Sta	te  Federal  Tri	bal Private (Notate and that apply and attach collaboration)  [ (bbls) both of dissolved characteristics and that apply and attach collaborated by the both and t	Volume of	f Release  fic justification for the volumes provided below)  Volume Recovered (bbls)  Volume Recovered (bbls)
urface Owner: Sta	te Federal Tri  erial(s) Released (Select all  Volume Released  Volume Released  Is the concentration produced water >	bal Private (Notate of Nature and that apply and attach of (bbls)  (bbls)  (bbls)  on of dissolved ch 10,000 mg/l?  (bbls) 5	Volume of	fic justification for the volumes provided below)  Volume Recovered (bbls)  Volume Recovered (bbls)  Yes No
urface Owner: Sta	te Federal Tri  erial(s) Released (Select all  Volume Released  Volume Released  Is the concentration produced water >  Volume Released  Volume Released  Volume Released	bal Private (Notate of Nature and that apply and attach of (bbls)  (bbls)  (bbls)  on of dissolved ch 10,000 mg/l?  (bbls) 5	Volume of	FRelease  fic justification for the volumes provided below)  Volume Recovered (bbls)  Volume Recovered (bbls)  Yes No  Volume Recovered (bbls)

Received by OCD: 6/7/2023 8:38:03 AM State of New Mexico
Page 2 Oil Conservation Division

Page 92 of 95

Incident ID	nAPP2306024427
District RP	
Facility ID	
Application ID	

19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release?
☐ Yes ⊠ No	
	Initial Response
The responsible	party must undertake the following actions immediately unless they could create a safety hazard that would result in injury
☐ The source of the rel	ease has been stopped.
∑ The impacted area has	as been secured to protect human health and the environment.
Released materials ha	ave been contained via the use of berms or dikes, absorbent pads, or other containment devices.
All free liquids and r	ecoverable materials have been removed and managed appropriately.
Par 10 15 20 0 D // 2D	IAC the responsible party may commence remediation immediately after discovery of a release. If remediation
has begun, please attach	a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred at area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
has begun, please attach within a lined containmer I hereby certify that the info regulations all operators are public health or the environr failed to adequately investig	a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred at area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.  Transition given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and required to report and/or file certain release notifications and perform corrective actions for releases which may endanger ment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have attend and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In f a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws
has begun, please attach within a lined containment of the line of	rmation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and required to report and/or file certain release notifications and perform corrective actions for releases which may endanger ment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have attend and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In
has begun, please attach within a lined containment of the line of	rmation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and required to report and/or file certain release notifications and perform corrective actions for releases which may endanger ment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have ate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In f a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws
has begun, please attach within a lined containment of the line of the environs failed to adequately investig addition, OCD acceptance of and/or regulations.  Printed Name:  Aml  Signature	rmation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and required to report and/or file certain release notifications and perform corrective actions for releases which may endanger ment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have attended and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In f a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws
has begun, please attach within a lined containment of the line of	rmation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and required to report and/or file certain release notifications and perform corrective actions for releases which may endanger ment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have attended and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In f a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws  Date: Senior Environmental Specialist  Date: 3/1/2023

## **Gas Volume Release Report**

	Gas Release Vo	lume Cald	ulator	
Date:			2/28/2023	
Site or Line Name:		MAL	Cedar Breaks 12" Steel Line LP	
Area of Hole in Pipe:	0.25		square inches	
Absolute Pressure:	72.7		sia - absolute pressure (psia = psig gauge pre	essure + 14.7)
Duration of Release:	60.00		minutes	
Actual Temperature:	64.3		Degrees F	
Representative Gas Analysis		Please at	ach or email a representative gas analysis	
Constants				
Temperature at standard conditions:	60	Deg.		
Pressure at standard conditions:	14.7	PSIA		
Volume of Gas - ACF	24.39	MACI		

Notes	
Entered by user	
Calculated Value	
Constant	

Volume of Gas - SCF



## **Liquid Volume Release Report**

		Liq	uid Relea	se Volume	Calculator		
Date:			- 2	2/2	8/2023	TIR TIE	
Site or Line Name:			MAL-	Cedar Brea	ks 12" Steel L	ine LP	
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	1			0	0.00	Fine Sand
Medium Sand	0.25	30	15.03	0.249	112.2741	5.00	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	0	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 224859

## **CONDITIONS**

Operator:	OGRID:
FRONTIER FIELD SERVICES, LLC	221115
10077 Grogans Mill Rd.	Action Number:
The Woodlands, TX 77380	224859
	Action Type:
	[C-141] Release Corrective Action (C-141)

## CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2306024427 CEDAR BREAKS 12" STEEL PIPELINE, thank you. This closure is approved.	10/31/2023