



## Remediation Summary and Closure Request

**Frontier Field Services, LLC  
Caviness Compressor Station  
Lea County, New Mexico**

**Unit Letter "D", Section 10, Township 18 South, Range 33 East  
Latitude 32.766054 North, Longitude 103.655417 West  
NMOCD Incident # nAPP2301335904**

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Prepared For:

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

Prepared By:

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

**May 2023**

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Incident ID	nAPP2301335904
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

*This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>undetermined</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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 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.

State of New Mexico  
Oil Conservation Division

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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 SpecialistSignature: *Lupe Carrasco* Date: 6/1/23email: gcarrasco@durangomidstream.com Telephone: 575-725-0787**OCD Only**Received by: Jocelyn Harimon Date: 06/07/2023



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## Remediation Plan

**Remediation Plan Checklist:** *Each of the following items must be included in the plan.*

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

**Deferral Requests Only:** *Each of the following items must be confirmed 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, 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. Environmental Specialis  
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

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	nAPP2301335904
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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.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 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: *Nelson Velez* Date: 09/01/2023  
Printed Name: Nelson Velez Title: Environmental Specialist – Adv



## HUNGRY HORSE, LLC

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

### Background:

The site is located in Unit Letter D (NW/NW), Section 10, Township 18 South, Range 33 East, approximately nine miles southeast of Maljamar, in Lea County, New Mexico. The property is privately owned. Topographic Map, OSE POD Locations Map, and USGS Well Locations Map are included as Figure 1, Figure 2, and Figure 3, respectively.

The release occurred on an active tank battery; Latitude 32.766054 North, Longitude 103.655417 West. The Initial NMOCD Form C-141 indicated that on January 11, 2023 approximately 10.7 bbls of produced water were released due to a suction scrubber dump failure. A crew was dispatched to the release site and the scrubber was repaired. No fluid was recovered. Previously submitted pages of the NMOCD Form C-141 are available on the NMOCD Imaging System. NMOCD Form Initial C-141 is also included as Attachment VII.

### NMOCD Site Classification:

A search of the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) groundwater databases was completed in an effort to determine the horizontal distance to known water sources within a half mile radius of the Release Site. Approximate depth to groundwater was determined using maintained and published water well data. Karst mapping indicates the site is not located in a Karst designated area. Karst and Wetland Maps are provided as Attachment I. Depth to groundwater information is provided as Attachment IV and the results are depicted on Figures 2 & 3.

Two water wells were located within a half mile of the release area, however, only one well has water data logged at less than twenty-five years old, logged in January 2016. USGS well 324541103383901 has depth to water listed at sixty-three feet bgs. Utilizing this information, the NMOCD Closure Criteria for the Site were determined as follows:

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



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**Delineation and Remediation Activities:**

On January 17, 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. 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 SP7, 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 SP2 at Surface and one-foot bgs and SP3 at Surface, which exhibited TPH and/or chloride concentrations in excess of the NMOCD Closure Criteria.

On January 25, 2023, the overspray area was scraped to approximately three inches bgs, removing the stained gravel. A small stockpile of gravel that had been removed from within the containment area and temporarily stockpiled on site, atop plastic, was also removed. Contaminated gravel and caliche were transported to an NMOCD approved disposal facility. The area characterized by sample location SP3 was also sampled, with soil sample SP3 at three inches, submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria for the submitted sample.

On March 3, 2023, after the tank, surface equipment, and liner had been removed, the area characterized by sample location SP2, was delineated. An additional sample location was also advanced within the containment area. Sample location SP8 was delineated in the area where the tank had been located. Soil samples SP2 at six feet bgs, and SP8 at Surface and at six feet bgs, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples, with the exception of SP8 at Surface, which exhibited TPH concentrations in excess of the NMOCD Closure Criteria.

From March 3 through 9, 2023, the containment area was excavated. Excavated contaminated soil was temporarily stockpiled onsite, atop plastic, before transport to an NMOCD approved disposal facility.

On March 14, 2023, fifteen 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 FL11 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 FL2 at six feet bgs, and FL3, FL4, FL5, FL6, FL7, and FL11, each at four feet, which exhibited TPH concentrations in excess of the NMOCD Closure Criteria.

On March 29, 2023, the areas in excess of NMOCD Closure Criteria were further excavated and sampled. Soil samples FL2b, FL3b, FL4b, FL5b, FL6b, FL7b, and FL11b, 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 FL2b at seven feet bgs, FL7b and FL11b, each at four and half feet bgs, which exhibited TPH concentrations in excess of the NMOCD Closure Criteria.

On April 6, 2023, the areas in excess of NMOCD Closure Criteria were further excavated and sampled. Soil samples FL2c at eight feet bgs, FL7c at five feet bgs, and FL11c at five feet bgs, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

The excavated area measured approximately fifty feet in length, thirty feet in width, and four to eight feet in depth. During remediation activities approximately 432 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. Berms were constructed to required height for tank containment. As the affected area is an active tank containment within an active compressor station, no seeding will be required.

### **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.



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Based on laboratory analytical results, Frontier Field Services, LLC respectfully requests closure of the Caviness Compressor Station location, nAPP2301335904.

**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.



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**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

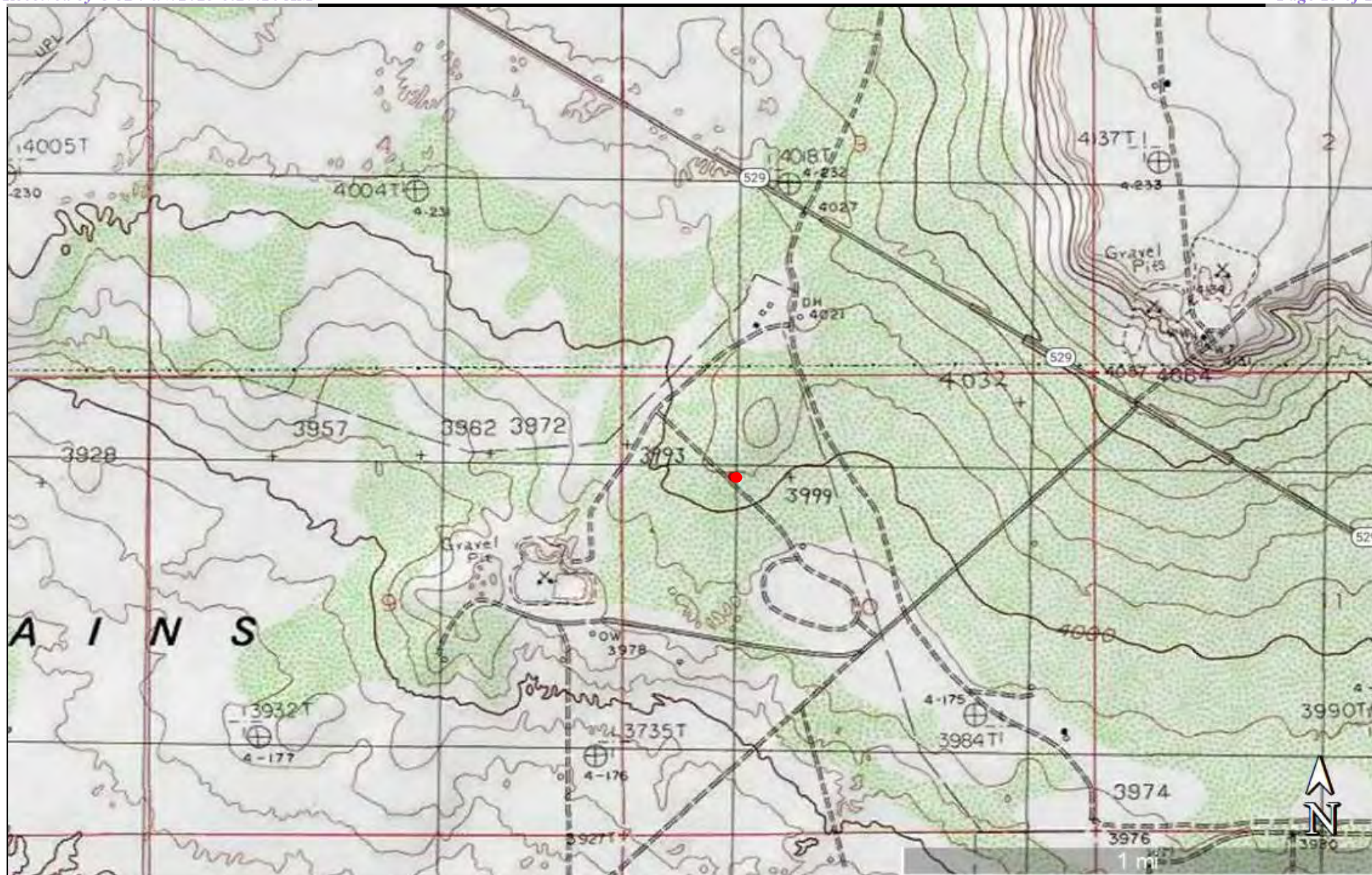
**Caviness Ranch**

PO Box 29

Maljamar, NM 88264

## Figures





### Figure 1

## Topographic Map

Frontier Field Services, LLC

## Caviness Compressor Station Tank Containment

GPS: 32.766054, -103.655417

Lea County

**Legend:**

- Caviness Compressor Station Tank Containment Location

Drafted: dd

Checked: bw

Date: 1/17/23





**Figure 2**

OSE POD Locations Map  
Frontier Field Services, LLC  
Caviness Compressor Station  
GPS: 32.766054, -103.655417  
Lea County

**Legend:**

- Caviness Compressor Station Location
- Active OSE Water Well

Drafted: dd  
Checked: bw  
Date: 1/17/23





**Figure 3**

USGS Well Locations Map  
Frontier Field Services, LLC  
Caviness Compressor Station  
GPS: 32.766054, -103.655417  
Lea County

**Legend:**

- Caviness Compressor Station Location
- USGS Well Location

Drafted: dd  
Checked: bw  
Date: 1/17/23





**Figure 4**

Delineation Sample Map  
 Frontier Field Services, LLC  
 Caviness Compressor Station  
 GPS: 32.766054, -103.655417  
 Lea County

**Legend:**

- Release Area
- Overspray Area
- SP1 Delineation Sample Location

Drafted: dd  
 Checked: bw  
 Date: 1/17/23





**Figure 5**

Excavation Sample Map  
 Frontier Field Services, LLC  
 Caviness Compressor Station  
 GPS: 32.766054, -103.655417  
 Lea County

**Legend:**

- Excavated Area
- FL1 Composite Confirmation Sample Location

Drafted: dd  
 Checked: bw  
 Date: 3/14/23



## **Table**

**TABLE 1**  
**Summary of Soil Sample Laboratory Analytical Results**  
**Frontier Field Services, LLC**  
**Caviness Compressor Station**  
**NMOCD Ref. #: nAPP2301335904**

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	1/17/23	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP2	1/17/23	Surf	Excavated	6.34	<b>154</b>	1,540	18,000	19,540	3,890	<b>23,430</b>	<b>848</b>
	1/17/23	1	Excavated	0.183	41.3	1,180	9,050	10,230	1,860	<b>12,090</b>	32.0
	3/3/23	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
SP3	1/17/23	Surf	Excavated	<0.050	<0.300	<10.0	830	830	243	<b>1,073</b>	64.0
	1/25/23	0.4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP4	1/17/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP5	1/17/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP6	1/17/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
SP7	1/17/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SP8	3/3/23	Surf	Excavated	<0.050	<0.300	<10.0	5,660	5,660	2,270	<b>7,930</b>	48.0
	3/3/23	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
HZ1	1/17/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	1/17/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
HZ2	1/17/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	1/17/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
HZ3	1/17/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
	1/17/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
HZ4	1/17/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	1/17/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
<b>NMOCD Closure Criteria</b>				<b>10</b>	<b>50</b>	-	-	<b>N/A</b>	-	<b>100</b>	<b>600</b>

**NOTES:**

- = Sample not analyzed for that constituent.

**Bold** text denotes a concentration that exceeds the NMOCD Closure Criteria

**TABLE 1**  
**Summary of Soil Sample Laboratory Analytical Results**  
**Frontier Field Services, LLC**  
**Caviness Compressor Station**  
**NMOCD Ref. #: nAPP2301335904**

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
FL1	3/14/23	6	In-Situ	<0.050	<0.300	<10.0	25.8	25.8	14.7	40.5	144
FL2	3/14/23	6	Excavated	<0.050	<0.300	<10.0	1,180	1,180	328	<b>1,508</b>	128
FL2b	3/29/23	7	Excavated	<0.050	<0.300	<10.0	338	338	91	<b>429</b>	240
FL2c	4/6/23	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL3	3/14/23	4	Excavated	<0.050	<0.300	<10.0	262	262	123	<b>385</b>	80.0
FL3b	3/29/23	4.5	In-Situ	<0.050	<0.300	<10.0	45.2	45.2	17.6	62.8	400
FL4	3/14/23	4	Excavated	<0.050	<0.300	<10.0	587	587	209	<b>796</b>	160
FL4b	3/29/23	4.5	In-Situ	<0.050	<0.300	<10.0	21.2	21.2	<10.0	<30.0	144
FL5	3/14/23	4	Excavated	<0.050	<0.300	<10.0	302	302	108	<b>410</b>	80.0
FL5b	3/29/23	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL6	3/14/23	4	In-Situ	<0.050	<0.300	<10.0	78.7	78.7	19.3	98	64.0
FL6b	3/29/23	4.5	In-Situ	<0.050	<0.300	<10.0	14.9	<20.0	<10.0	<30.0	128
FL7	3/14/23	4	Excavated	<0.050	<0.300	<10.0	196	196	68.6	<b>264.6</b>	80.0
FL7b	3/29/23	4.5	Excavated	<0.050	<0.300	<10.0	534	534	119	<b>653</b>	80.0
FL7c	4/6/23	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL8	3/14/23	4	In-Situ	<0.050	<0.300	<10.0	33.4	33.4	11.2	44.6	96.0
FL9	3/14/23	4	In-Situ	<0.050	<0.300	<10.0	23.4	23.4	<10.0	<30.0	96.0
FL10	3/14/23	4	In-Situ	<0.050	<0.300	<10.0	21.6	21.6	<10.0	<30.0	96.0
FL11	3/14/23	4	Excavated	<0.050	<0.300	<10.0	75.7	75.7	20.5	96.2	80.0
FL11b	3/29/23	4.5	Excavated	<0.050	<0.300	<10.0	120	120	28.8	<b>148.8</b>	64.0
FL11c	4/6/23	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW1	3/14/23	4	In-Situ	<0.050	<0.300	<10.0	44.3	44.3	28.4	72.7	192
SW2	3/14/23	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
SW3	3/14/23	4	In-Situ	<0.050	<0.300	<10.0	27.8	27.8	<10.0	<30.0	48.0
SW4	3/14/23	4	In-Situ	<0.050	<0.300	<10.0	39.0	39.0	<10.0	39.0	224
<b>NMOCD Closure Criteria</b>				<b>10</b>	<b>50</b>	-	-	<b>N/A</b>	-	<b>100</b>	<b>600</b>

**NOTES:**

- = Sample not analyzed for that constituent.

**Bold** text denotes a concentration that exceeds the NMOCD Closure Criteria



## **Attachment I**

### **Karst and Wetland Maps**

## Caviness Compressor Station



5/11/2023

World Imagery

Low Resolution 15m Imagery

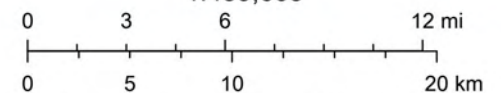
High Resolution 60cm Imagery

High Resolution 30cm Imagery

Citations

150m Resolution Metadata

1:439,603

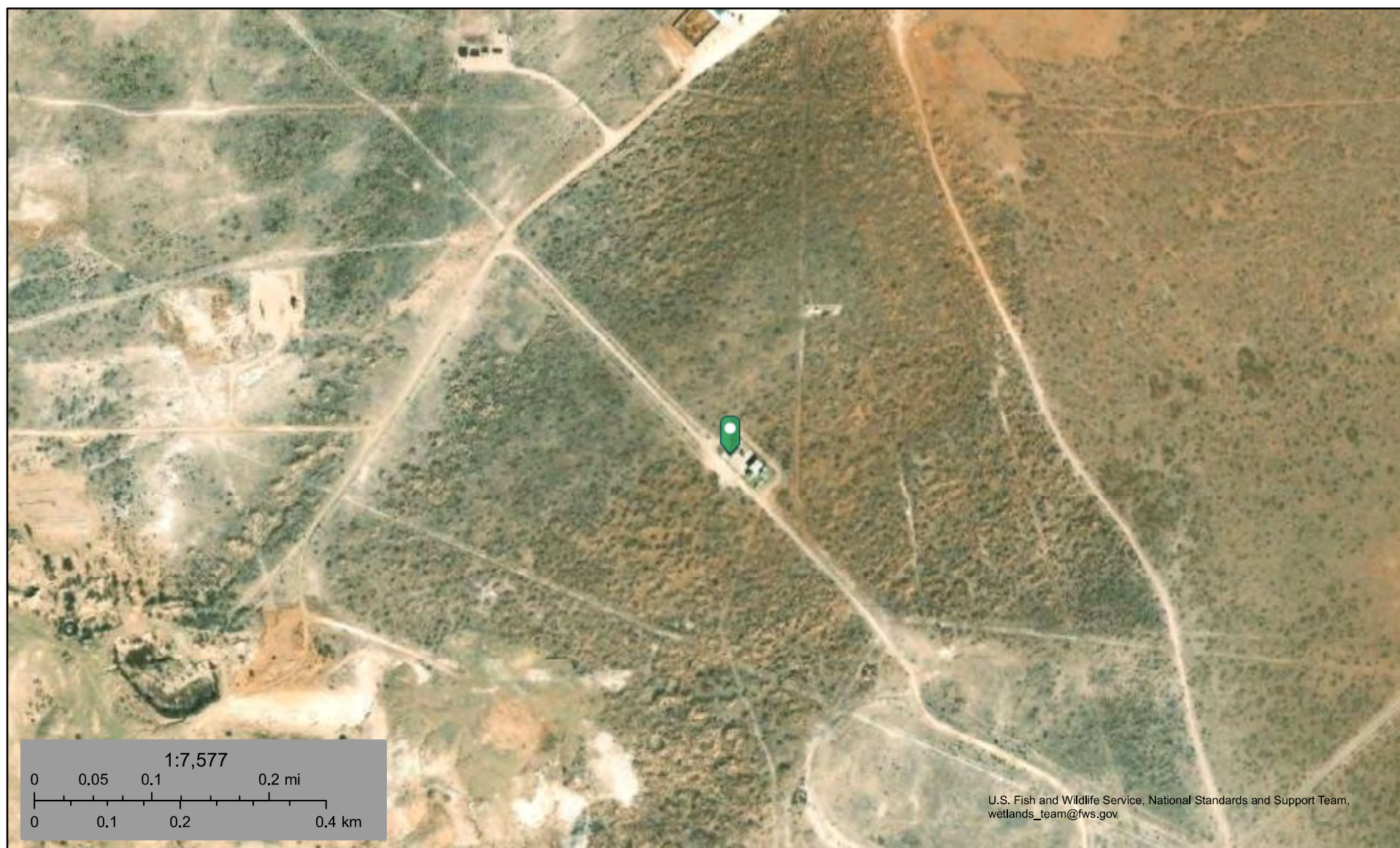


U.S. Geological Survey Open-File Report 2004-1352, Caves and Karst in the U.S. National Park Service, AGI Karst Map of the U.S., Earthstar Geographics










## Caviness Compressor Station



May 11, 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, March 9, 2023 11:46 AM  
**To:** Daniel Dominguez  
**Cc:** Bratcher, Michael, EMNRD; Nobui, Jennifer, 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](mailto:Jocelyn.Harimon@emnrd.nm.gov)  
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



---

**From:** Daniel Dominguez <ddominguez@hungry-horse.com>  
**Sent:** Thursday, March 9, 2023 9:24 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 Caviness Compressor Station (nAPP2301335904) on Tuesday March 14, 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](mailto:ddominguez@hungry-horse.com)

## Daniel Dominguez

---

**From:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>  
**Sent:** Monday, March 27, 2023 8:10 AM  
**To:** Daniel Dominguez  
**Cc:** Bratcher, Michael, EMNRD; Nobui, Jennifer, 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](mailto:Jocelyn.Harimon@emnrd.nm.gov)  
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



---

**From:** Daniel Dominguez <ddominguez@hungry-horse.com>  
**Sent:** Monday, March 27, 2023 6:50 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 Caviness Compressor Station (nAPP2301335904) on Wednesday March 29, 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](mailto:ddominguez@hungry-horse.com)

## Daniel Dominguez

---

**From:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>  
**Sent:** Tuesday, April 4, 2023 8:17 AM  
**To:** Daniel Dominguez  
**Cc:** Bratcher, Michael, EMNRD; Nobui, Jennifer, 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](mailto:Jocelyn.Harimon@emnrd.nm.gov)  
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



---

**From:** Daniel Dominguez <ddominguez@hungry-horse.com>  
**Sent:** Tuesday, April 4, 2023 6:21 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 Caviness Compressor Station (nAPP2301335904) on Thursday April 6, 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](mailto:ddominguez@hungry-horse.com)

## **Attachment III Site Photographs**

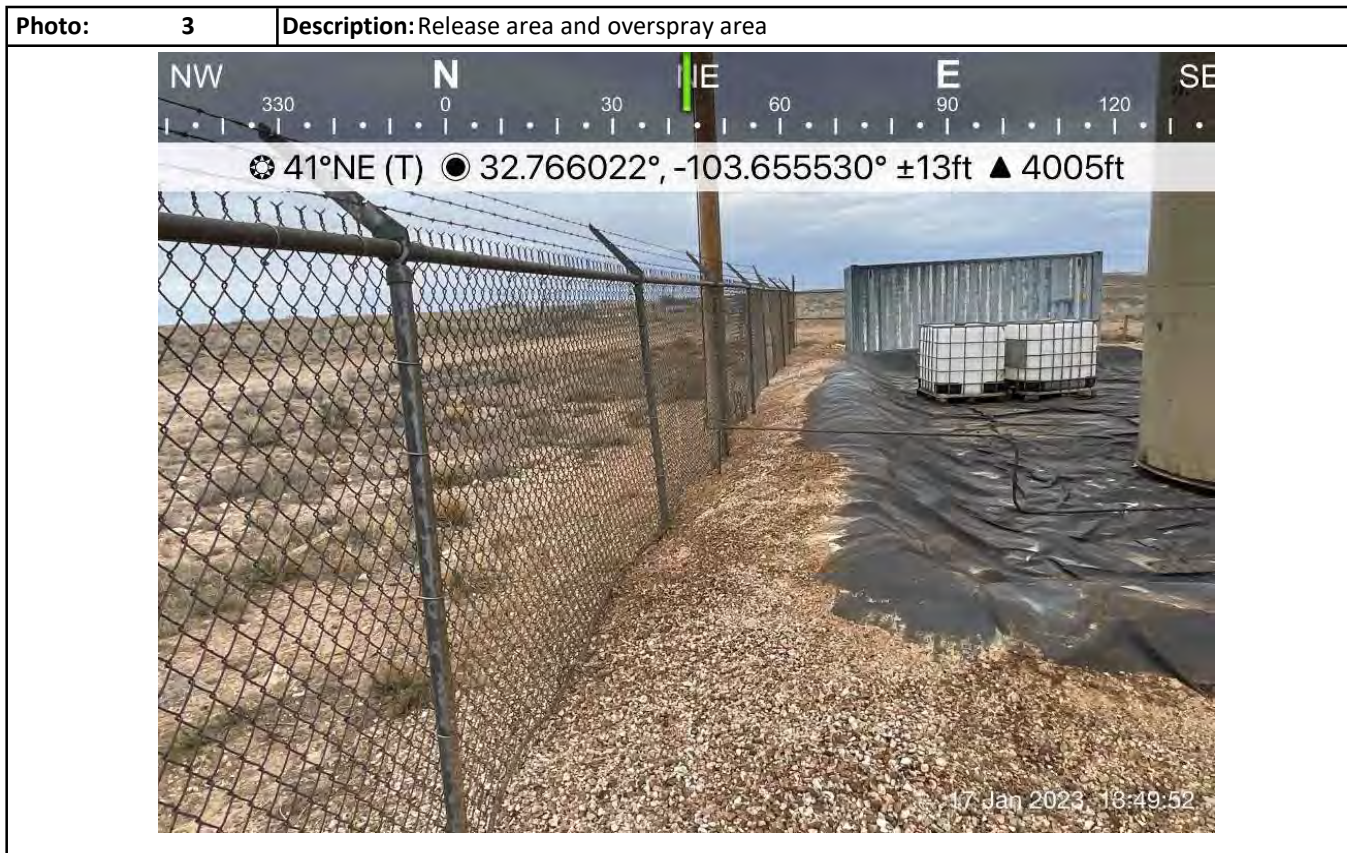


## Photographs



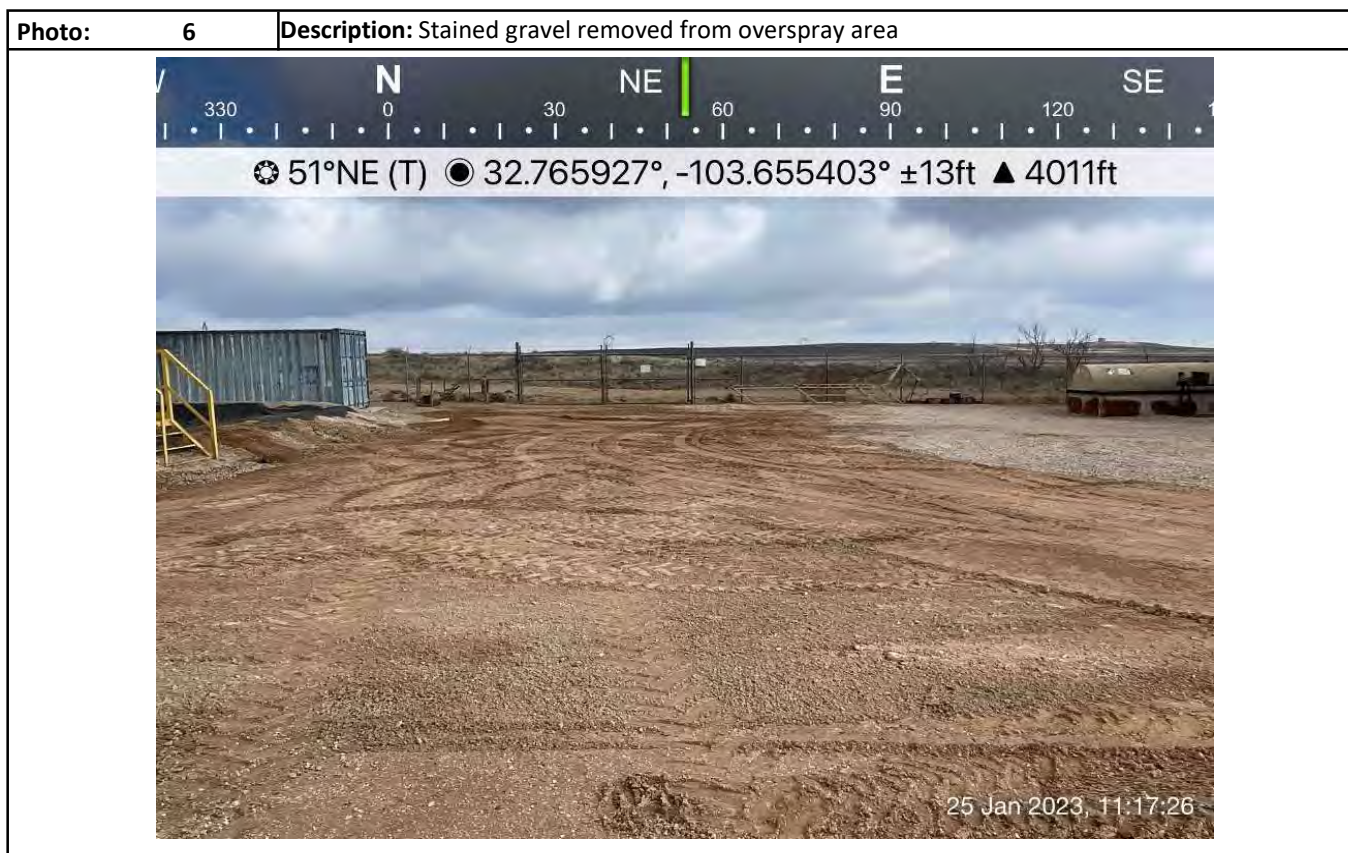
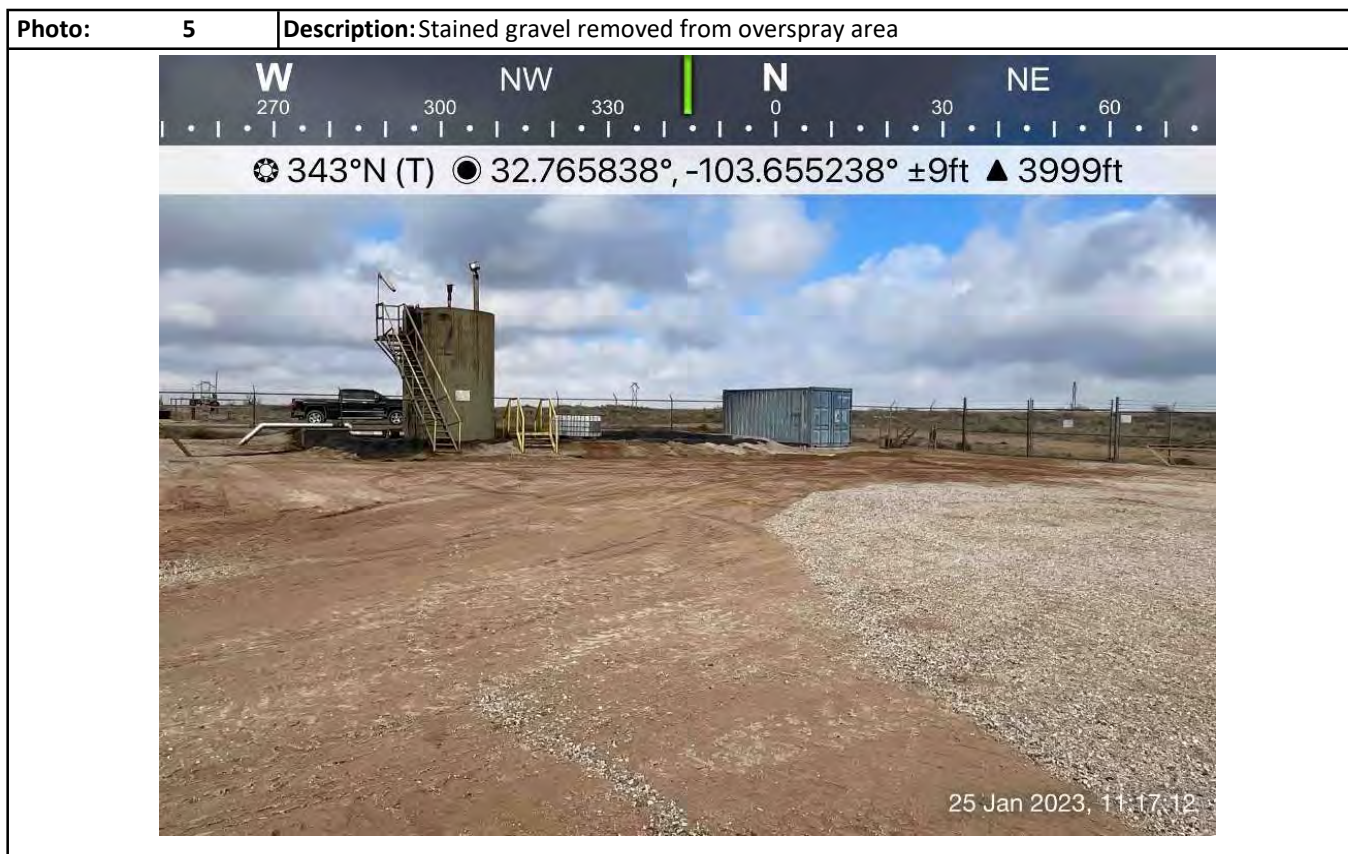


## Photographs





## Photographs



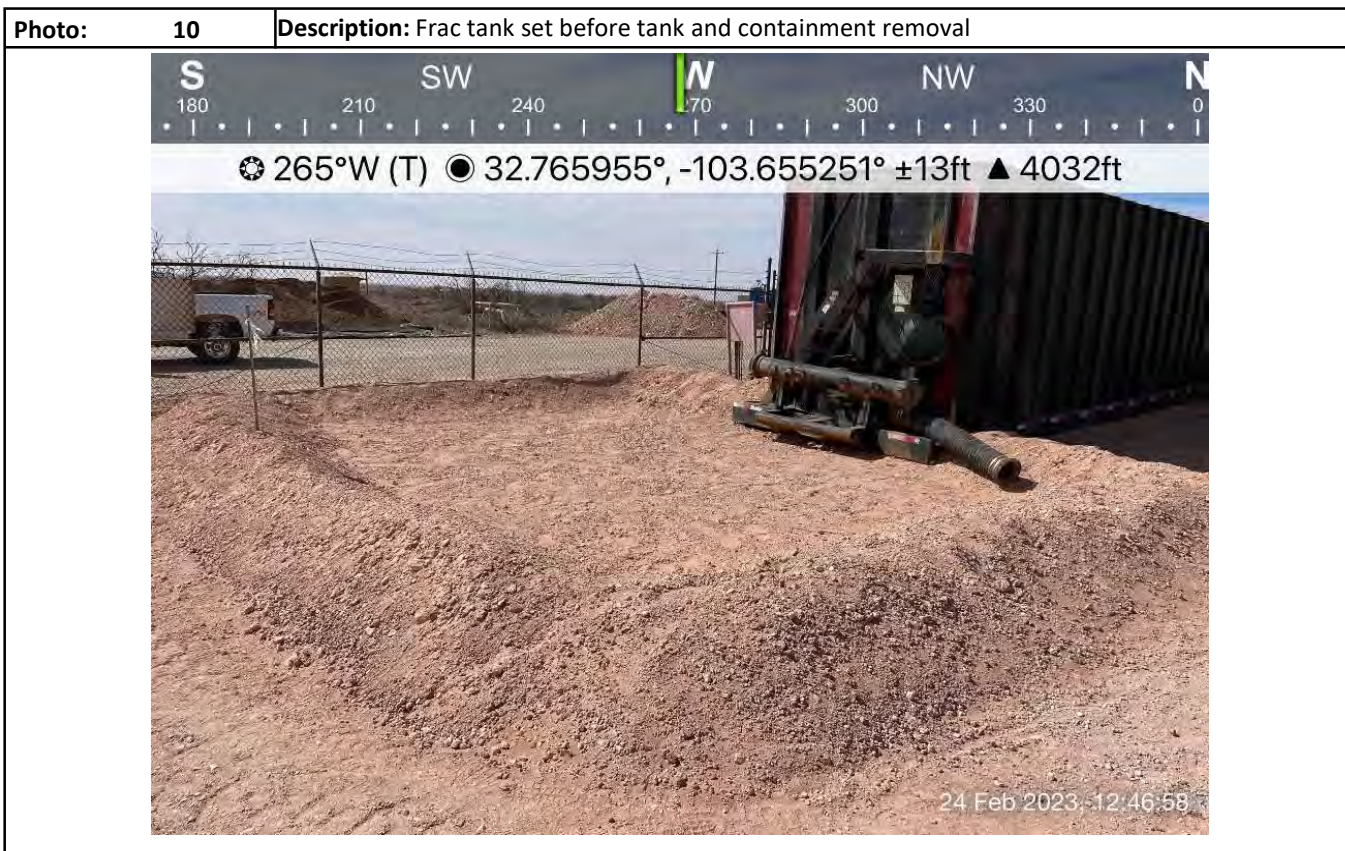
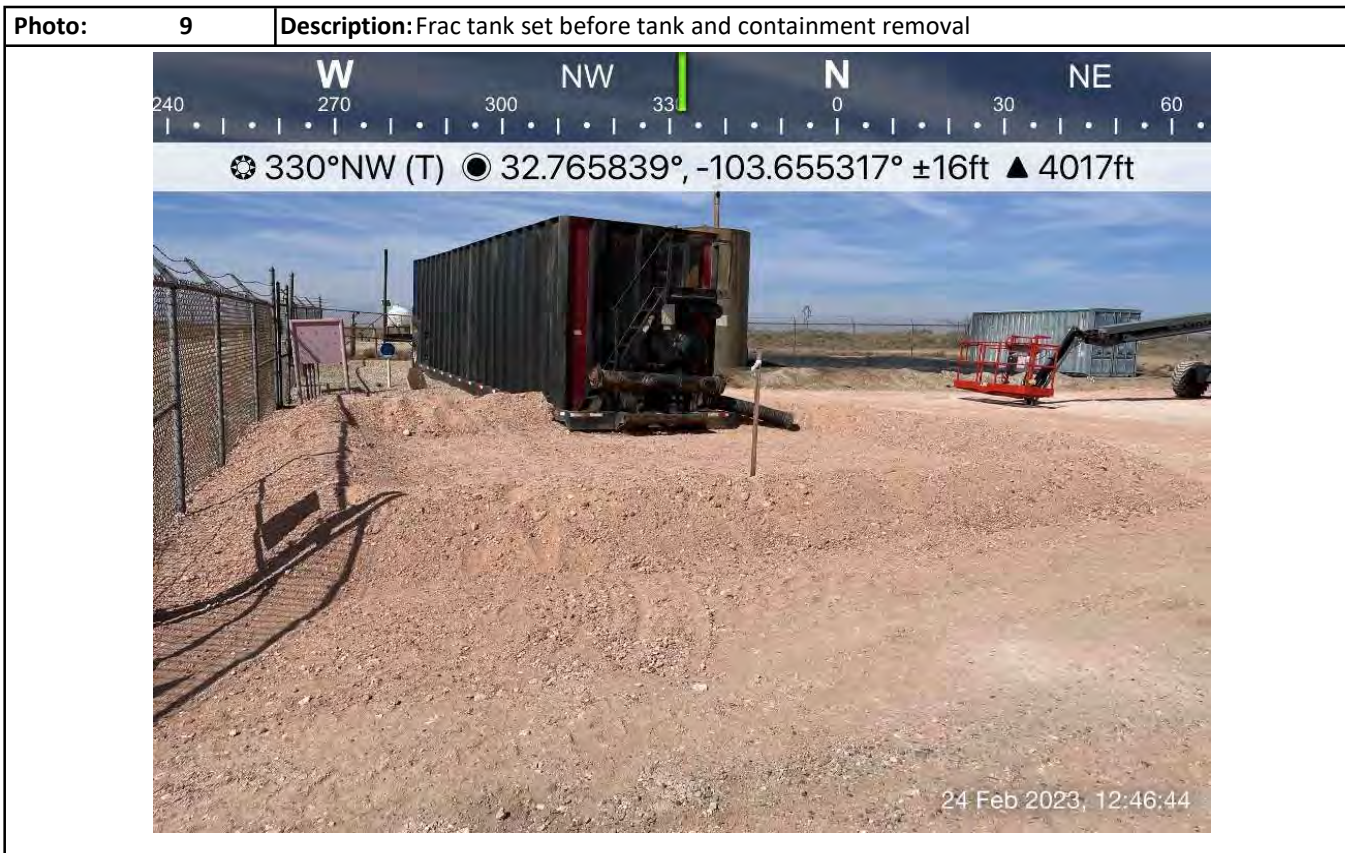


## Photographs



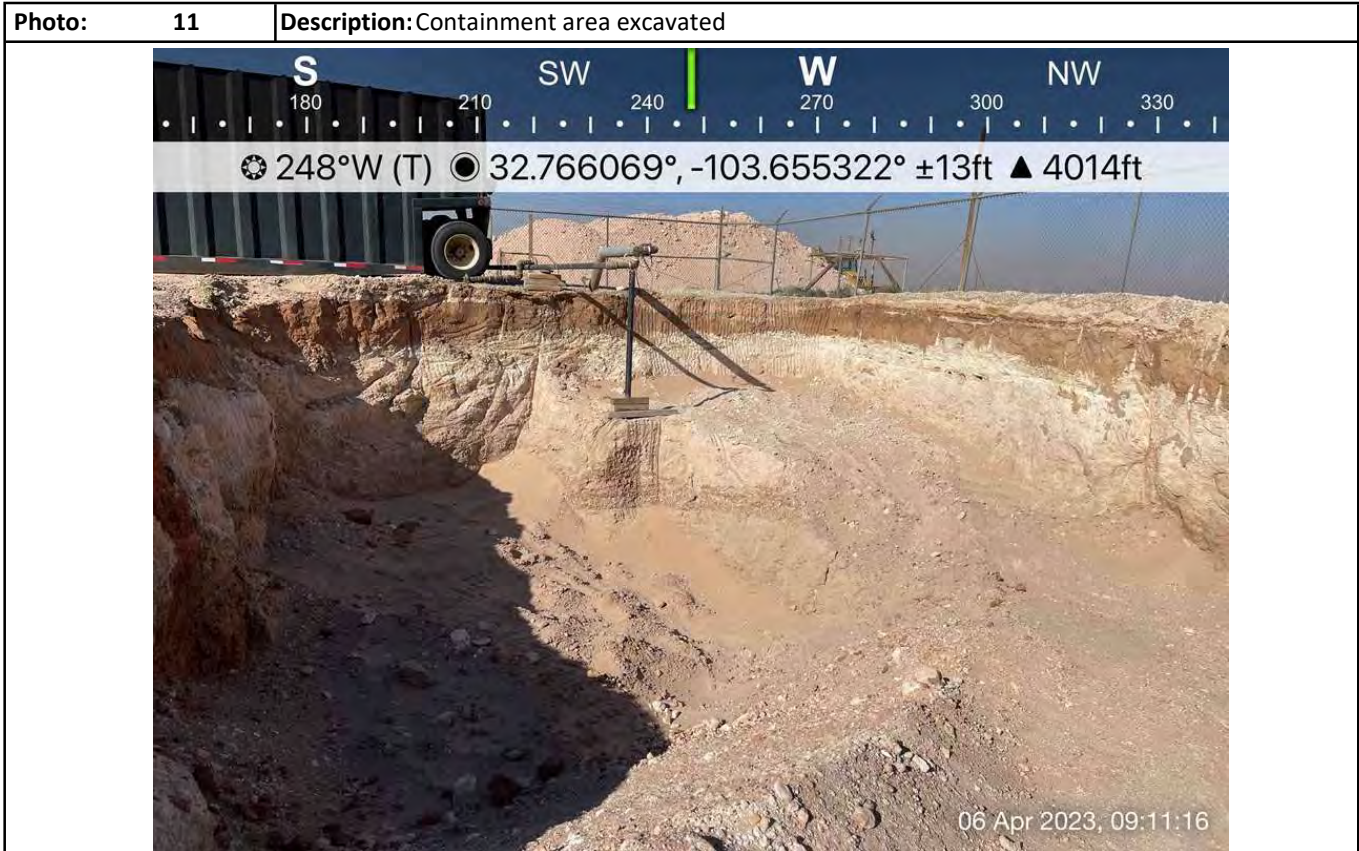


## Photographs





# Photographs





## Photographs





## Photographs





## Photographs



## Photographs



## **Attachment IV**

### **Depth to Groundwater**



## New Mexico Office of the State Engineer

# Wells with Well Log Information

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

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

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

(NAD83 UTM in meters)

(in feet)

POD Number	Code	Subbasin	County	Source	q	q	q	Sec	Tw	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	License Number
<a href="#">CP 00546 POD1</a>		CP	LE	Shallow	2	2	4	09	18S	33E	625464	3625597*	731	06/01/1975	06/03/1975	10/02/1978	90	70	VAN NOY, W.L.	208

**Record Count:** 1

### UTMNAD83 Radius Search (in meters):

**Easting (X):** 625940.58

**Northing (Y):** 3626151.99

**Radius:** 805

\*UTM location was derived from PLSS - see Help

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

5/11/23 11:58 AM


WELLS WITH WELL LOG INFORMATION





# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	CP 00546 POD1	2	2	4	09	18S	33E	625464	3625597* 
Driller License:	208	Driller Company:				VAN NOY, W.L.			
Driller Name:	VAN NOY, W.L.								
Drill Start Date:	06/01/1975	Drill Finish Date:				06/03/1975		Plug Date:	
Log File Date:	10/02/1978	PCW Rev Date:						Source:	Shallow
Pump Type:		Pipe Discharge Size:						Estimated Yield:	
Casing Size:	6.63	Depth Well:				90 feet		Depth Water:	70 feet
Water Bearing Stratifications:				Top	Bottom	Description			
				70	85	Other/Unknown			
Casing Perforations:				Top	Bottom				
				70	85				

\*UTM location was derived from PLSS - see Help

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


5/11/23 11:59 AM

POINT OF DIVERSION SUMMARY



# New Mexico Office of the State Engineer

## Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
		Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	CP 00072 POD4	1	4	2	10	18S	33E	625948	3626028 

Driller License:

Driller Company:

Driller Name:

Drill Start Date:

Drill Finish Date:

Plug Date:

Log File Date:

PCW Rcv Date:

Source:

Pump Type: SUBMER

Pipe Discharge Size:

Estimated Yield:

Casing Size: 12.00

Depth Well: 70 feet

Depth Water:

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

5/11/23 11:56 AM

POINT OF DIVERSION SUMMARY



USGS Home  
Contact USGS  
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:  
Groundwater

Geographic Area:  
United States

GO

Click to hideNews Bulletins

- Explore the NEW [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#)

Groundwater levels for the Nation

Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs  
site\_no list =

- 324541103383901

Minimum number of levels = 1  
[Save file of selected sites](#) to local disk for future upload

USGS 324541103383901 18S.33E.10.23244

Lea County, New Mexico  
Latitude 32°45'52", Longitude 103°38'49" NAD27  
Land-surface elevation 4,003.10 feet above NGVD29  
The depth of the well is 70 feet below land surface.  
This well is completed in the High Plains aquifer (N100HGHPLN) national aquifer.  
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1965-12-01			D 62610		3945.43	NGVD29	1		Z	
1965-12-01			D 62611		3947.06	NAVD88	1		Z	
1965-12-01			D 72019	57.67			1		Z	
1968-03-06			D 62610		3945.70	NGVD29	1		Z	
1968-03-06			D 62611		3947.33	NAVD88	1		Z	
1968-03-06			D 72019	57.40			1		Z	
1971-02-09			D 62610		3961.46	NGVD29	1		Z	
1971-02-09			D 62611		3963.09	NAVD88	1		Z	
1971-02-09			D 72019	41.64			1		Z	
1976-02-18			D 62610		3945.24	NGVD29	1		Z	
1976-02-18			D 62611		3946.87	NAVD88	1		Z	
1976-02-18			D 72019	57.86			1		Z	
1981-02-20			D 62610		3946.06	NGVD29	1		Z	
1981-02-20			D 62611		3947.69	NAVD88	1		Z	
1981-02-20			D 72019	57.04			1		Z	
1986-03-25			D 62610		3946.33	NGVD29	1		Z	

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1986-03-25		D	62611		3947.96	NAVD88	1	Z		
1986-03-25		D	72019	56.77			1	Z		
1991-05-17		D	62610		3945.09	NGVD29	1	Z		
1991-05-17		D	62611		3946.72	NAVD88	1	Z		
1991-05-17		D	72019	58.01			1	Z		
1996-02-15		D	62610		3943.92	NGVD29	1	S		
1996-02-15		D	62611		3945.55	NAVD88	1	S		
1996-02-15		D	72019	59.18			1	S		
2001-02-20		D	62610		3942.82	NGVD29	1	S		
2001-02-20		D	62611		3944.45	NAVD88	1	S		
2001-02-20		D	72019	60.28			1	S		
2006-01-24	16:53 UTC	m	62610		3941.61	NGVD29	1	S		USGS
2006-01-24	16:53 UTC	m	62611		3943.24	NAVD88	1	S		USGS
2006-01-24	16:53 UTC	m	72019	61.49			1	S		USGS
2010-12-15	18:30 UTC	m	62610		3936.11	NGVD29	1	S		USGS
2010-12-15	18:30 UTC	m	62611		3937.74	NAVD88	1	S		USGS
2010-12-15	18:30 UTC	m	72019	66.99			1	S		USGS
2016-01-07	14:50 UTC	m	62610		3939.69	NGVD29	1	S		USGS
2016-01-07	14:50 UTC	m	62611		3941.32	NAVD88	1	S		USGS
2016-01-07	14:50 UTC	m	72019	63.41			1	S		USGS

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

[Questions about sites/data?](#)  
[Feedback on this web site](#)  
[Automated retrievals](#)  
[Help](#)  
[Data Tips](#)  
[Explanation of terms](#)  
[Subscribe for system changes](#)  
[News](#)





**URL:** <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>

Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2023-05-11 14:03:17 EDT

0.29 0.24 nadww01

## **Attachment V**

### **Field Data**

## Sample Log

Sampler: Eli Dominguez

**Stockpile = Stockpile #1**

## Sample Log

Project: Caviness Compressor Station

Longitude: -103.655417

**Sampler: Bradley Wells**

**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 @ S' or SW #1b**

**Stockpile = Stockpile #1**

## **Attachment VI**

### **Laboratory Analytical Reports**



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

---

January 23, 2023

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: CAVINESS COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 01/17/23 16:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/17/2023	Sampling Date:	01/17/2023
Reported:	01/23/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/ D SEC 10 T18S - R33E		

**Sample ID: SP 1 - SURF (H230242-01)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2023	ND	2.07	104	2.00	6.20	
Toluene*	<0.050	0.050	01/20/2023	ND	2.13	106	2.00	1.64	
Ethylbenzene*	<0.050	0.050	01/20/2023	ND	2.06	103	2.00	2.49	
Total Xylenes*	<0.150	0.150	01/20/2023	ND	6.21	103	6.00	2.14	
Total BTX	<0.300	0.300	01/20/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/19/2023	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	01/19/2023	ND	188	94.2	200	4.10	
DRO >C10-C28*	<10.0	10.0	01/19/2023	ND	209	104	200	0.00431	
EXT DRO >C28-C36	<10.0	10.0	01/19/2023	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received:	01/17/2023	Sampling Date:	01/17/2023
Reported:	01/23/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/ D SEC 10 T18S - R33E		

**Sample ID: SP 2 - SURF (H230242-02)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	6.34	1.00	01/20/2023	ND	2.07	104	2.00	6.20	
Toluene*	28.4	1.00	01/20/2023	ND	2.13	106	2.00	1.64	
Ethylbenzene*	34.2	1.00	01/20/2023	ND	2.06	103	2.00	2.49	
Total Xylenes*	84.7	3.00	01/20/2023	ND	6.21	103	6.00	2.14	
Total BTEX	154	6.00	01/20/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	848	16.0	01/19/2023	ND	432	108	400	0.00		

TPH 8015M	mg/kg		Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1540	100	01/19/2023	ND	204	102	200	4.83	
DRO >C10-C28*	18000	100	01/19/2023	ND	196	97.9	200	3.11	
EXT DRO >C28-C36	3890	100	01/19/2023	ND					

Surrogate: 1-Chlorooctane 484 % 48.2-134

Surrogate: 1-Chlorooctadecane 602 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/17/2023	Sampling Date:	01/17/2023
Reported:	01/23/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/ D SEC 10 T18S - R33E		

**Sample ID: SP 2 - 1' (H230242-03)**

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.183</b>	0.100	01/23/2023	ND	2.07	104	2.00	6.20	
<b>Toluene*</b>	<b>0.890</b>	0.100	01/23/2023	ND	2.13	106	2.00	1.64	
<b>Ethylbenzene*</b>	<b>4.95</b>	0.100	01/23/2023	ND	2.06	103	2.00	2.49	
<b>Total Xylenes*</b>	<b>35.2</b>	0.300	01/23/2023	ND	6.21	103	6.00	2.14	
<b>Total BTEX</b>	<b>41.3</b>	0.600	01/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 344 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	01/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>1180</b>	100	01/19/2023	ND	204	102	200	4.83	
<b>DRO &gt;C10-C28*</b>	<b>9050</b>	100	01/19/2023	ND	196	97.9	200	3.11	
<b>EXT DRO &gt;C28-C36</b>	<b>1860</b>	100	01/19/2023	ND					

Surrogate: 1-Chlorooctane 250 % 48.2-134

Surrogate: 1-Chlorooctadecane 271 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/17/2023	Sampling Date:	01/17/2023
Reported:	01/23/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/ D SEC 10 T18S - R33E		

**Sample ID: SP 3 - SURF (H230242-04)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2023	ND	2.07	104	2.00	6.20	
Toluene*	<0.050	0.050	01/20/2023	ND	2.13	106	2.00	1.64	
Ethylbenzene*	<0.050	0.050	01/20/2023	ND	2.06	103	2.00	2.49	
Total Xylenes*	<0.150	0.150	01/20/2023	ND	6.21	103	6.00	2.14	
Total BTEx	<0.300	0.300	01/20/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/19/2023	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	01/19/2023	ND	204	102	200	4.83	
DRO >C10-C28*	830	10.0	01/19/2023	ND	196	97.9	200	3.11	
EXT DRO >C28-C36	243	10.0	01/19/2023	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/17/2023	Sampling Date:	01/17/2023
Reported:	01/23/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/ D SEC 10 T18S - R33E		

**Sample ID: SP 4 - SURF (H230242-05)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2023	ND	2.07	104	2.00	6.20		
Toluene*	<0.050	0.050	01/20/2023	ND	2.13	106	2.00	1.64		
Ethylbenzene*	<0.050	0.050	01/20/2023	ND	2.06	103	2.00	2.49		
Total Xylenes*	<0.150	0.150	01/20/2023	ND	6.21	103	6.00	2.14		
Total BTEX	<0.300	0.300	01/20/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/19/2023	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	01/19/2023	ND	204	102	200	4.83	
DRO >C10-C28*	<10.0	10.0	01/19/2023	ND	196	97.9	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	01/19/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/17/2023	Sampling Date:	01/17/2023
Reported:	01/23/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/ D SEC 10 T18S - R33E		

**Sample ID: SP 5 - SURF (H230242-06)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2023	ND	2.07	104	2.00	6.20		
Toluene*	<0.050	0.050	01/20/2023	ND	2.13	106	2.00	1.64		
Ethylbenzene*	<0.050	0.050	01/20/2023	ND	2.06	103	2.00	2.49		
Total Xylenes*	<0.150	0.150	01/20/2023	ND	6.21	103	6.00	2.14		
Total BTX	<0.300	0.300	01/20/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/19/2023	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	01/19/2023	ND	204	102	200	4.83	
DRO >C10-C28*	<10.0	10.0	01/19/2023	ND	196	97.9	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	01/19/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	01/17/2023	Sampling Date:	01/17/2023
Reported:	01/23/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/ D SEC 10 T18S - R33E		

**Sample ID: SP 6 - SURF (H230242-07)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2023	ND	2.07	104	2.00	6.20		
Toluene*	<0.050	0.050	01/20/2023	ND	2.13	106	2.00	1.64		
Ethylbenzene*	<0.050	0.050	01/20/2023	ND	2.06	103	2.00	2.49		
Total Xylenes*	<0.150	0.150	01/20/2023	ND	6.21	103	6.00	2.14		
Total BTX	<0.300	0.300	01/20/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	01/19/2023	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	01/19/2023	ND	204	102	200	4.83	
DRO >C10-C28*	<10.0	10.0	01/19/2023	ND	196	97.9	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	01/19/2023	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/17/2023	Sampling Date:	01/17/2023
Reported:	01/23/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/ D SEC 10 T18S - R33E		

**Sample ID: SP 7 - SURF (H230242-08)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/19/2023	ND	2.04	102	2.00	2.02		
Toluene*	<0.050	0.050	01/19/2023	ND	2.21	110	2.00	2.32		
Ethylbenzene*	<0.050	0.050	01/19/2023	ND	2.12	106	2.00	1.31		
Total Xylenes*	<0.150	0.150	01/19/2023	ND	6.51	109	6.00	0.367		
Total BTX	<0.300	0.300	01/19/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/19/2023	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	01/19/2023	ND	204	102	200	4.83	
DRO >C10-C28*	<10.0	10.0	01/19/2023	ND	196	97.9	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	01/19/2023	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/17/2023	Sampling Date:	01/17/2023
Reported:	01/23/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/ D SEC 10 T18S - R33E		

**Sample ID: HZ 1 - SURF (H230242-09)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/19/2023	ND	2.04	102	2.00	2.02		
Toluene*	<0.050	0.050	01/19/2023	ND	2.21	110	2.00	2.32		
Ethylbenzene*	<0.050	0.050	01/19/2023	ND	2.12	106	2.00	1.31		
Total Xylenes*	<0.150	0.150	01/19/2023	ND	6.51	109	6.00	0.367		
Total BTEx	<0.300	0.300	01/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/19/2023	ND	416	104	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/19/2023	ND	204	102	200	4.83	
DRO >C10-C28*	<10.0	10.0	01/19/2023	ND	196	97.9	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	01/19/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/17/2023	Sampling Date:	01/17/2023
Reported:	01/23/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/ D SEC 10 T18S - R33E		

**Sample ID: HZ 1 - 1' (H230242-10)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/19/2023	ND	2.04	102	2.00	2.02		
Toluene*	<0.050	0.050	01/19/2023	ND	2.21	110	2.00	2.32		
Ethylbenzene*	<0.050	0.050	01/19/2023	ND	2.12	106	2.00	1.31		
Total Xylenes*	<0.150	0.150	01/19/2023	ND	6.51	109	6.00	0.367		
Total BTX	<0.300	0.300	01/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/19/2023	ND	416	104	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/19/2023	ND	204	102	200	4.83	
DRO >C10-C28*	<10.0	10.0	01/19/2023	ND	196	97.9	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	01/19/2023	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/17/2023	Sampling Date:	01/17/2023
Reported:	01/23/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/ D SEC 10 T18S - R33E		

**Sample ID: HZ 2 - SURF (H230242-11)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/19/2023	ND	2.04	102	2.00	2.02		
Toluene*	<0.050	0.050	01/19/2023	ND	2.21	110	2.00	2.32		
Ethylbenzene*	<0.050	0.050	01/19/2023	ND	2.12	106	2.00	1.31		
Total Xylenes*	<0.150	0.150	01/19/2023	ND	6.51	109	6.00	0.367		
Total BTX	<0.300	0.300	01/19/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/19/2023	ND	416	104	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/19/2023	ND	204	102	200	4.83	
DRO >C10-C28*	<10.0	10.0	01/19/2023	ND	196	97.9	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	01/19/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received:	01/17/2023	Sampling Date:	01/17/2023
Reported:	01/23/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/ D SEC 10 T18S - R33E		

**Sample ID: HZ 2 - 1' (H230242-12)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/19/2023	ND	2.04	102	2.00	2.02		
Toluene*	<0.050	0.050	01/19/2023	ND	2.21	110	2.00	2.32		
Ethylbenzene*	<0.050	0.050	01/19/2023	ND	2.12	106	2.00	1.31		
Total Xylenes*	<0.150	0.150	01/19/2023	ND	6.51	109	6.00	0.367		
Total BTEX	<0.300	0.300	01/19/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/19/2023	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/19/2023	ND	204	102	200	4.83	
DRO >C10-C28*	<10.0	10.0	01/19/2023	ND	196	97.9	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	01/19/2023	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/17/2023	Sampling Date:	01/17/2023
Reported:	01/23/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/ D SEC 10 T18S - R33E		

**Sample ID: HZ 3 - SURF (H230242-13)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/19/2023	ND	2.04	102	2.00	2.02		
Toluene*	<0.050	0.050	01/19/2023	ND	2.21	110	2.00	2.32		
Ethylbenzene*	<0.050	0.050	01/19/2023	ND	2.12	106	2.00	1.31		
Total Xylenes*	<0.150	0.150	01/19/2023	ND	6.51	109	6.00	0.367		
Total BTEx	<0.300	0.300	01/19/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/19/2023	ND	416	104	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/19/2023	ND	204	102	200	4.83	
DRO >C10-C28*	<10.0	10.0	01/19/2023	ND	196	97.9	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	01/19/2023	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/17/2023	Sampling Date:	01/17/2023
Reported:	01/23/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/ D SEC 10 T18S - R33E		

**Sample ID: HZ 3 - 1' (H230242-14)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/19/2023	ND	2.11	105	2.00	0.885		
Toluene*	<0.050	0.050	01/19/2023	ND	2.16	108	2.00	2.84		
Ethylbenzene*	<0.050	0.050	01/19/2023	ND	2.10	105	2.00	2.71		
Total Xylenes*	<0.150	0.150	01/19/2023	ND	6.34	106	6.00	2.40		
Total BTEx	<0.300	0.300	01/19/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/19/2023	ND	416	104	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/19/2023	ND	204	102	200	4.83	
DRO >C10-C28*	<10.0	10.0	01/19/2023	ND	196	97.9	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	01/19/2023	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received:	01/17/2023	Sampling Date:	01/17/2023
Reported:	01/23/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/ D SEC 10 T18S - R33E		

**Sample ID: HZ 4 - SURF (H230242-15)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/19/2023	ND	2.11	105	2.00	0.885		
Toluene*	<0.050	0.050	01/19/2023	ND	2.16	108	2.00	2.84		
Ethylbenzene*	<0.050	0.050	01/19/2023	ND	2.10	105	2.00	2.71		
Total Xylenes*	<0.150	0.150	01/19/2023	ND	6.34	106	6.00	2.40		
Total BTEx	<0.300	0.300	01/19/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/19/2023	ND	416	104	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/19/2023	ND	204	102	200	4.83	
DRO >C10-C28*	<10.0	10.0	01/19/2023	ND	196	97.9	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	01/19/2023	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/17/2023	Sampling Date:	01/17/2023
Reported:	01/23/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/ D SEC 10 T18S - R33E		

**Sample ID: HZ 4 - 1' (H230242-16)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/19/2023	ND	2.11	105	2.00	0.885		
Toluene*	<0.050	0.050	01/19/2023	ND	2.16	108	2.00	2.84		
Ethylbenzene*	<0.050	0.050	01/19/2023	ND	2.10	105	2.00	2.71		
Total Xylenes*	<0.150	0.150	01/19/2023	ND	6.34	106	6.00	2.40		
Total BTEX	<0.300	0.300	01/19/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/19/2023	ND	416	104	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/19/2023	ND	204	102	200	4.83	
DRO >C10-C28*	<10.0	10.0	01/19/2023	ND	196	97.9	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	01/19/2023	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager





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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		BILL TO				ANALYSIS REQUEST																					
Project Manager: Daniel Dominguez		P.O. #:																									
Address: PO Box 1058		Company: Frontier Field Services, LLC																									
City: Hobbs		State: NM		Zip: 88241														Attn: Amber Groves									
Phone #: 575 393-3386		Fax #:		Address: 47 Conoco Rd																							
Project #:		Project Owner: Frontier Field Services, LLC		City: Maljamar																							
Project Name: Caviness Compressor Station		State: NM		Zip: 88264																							
Project Location: UL/ D Sec 10 T18S - R33E		Phone #: 575-703-7992																									
Sampler Name: Eli Dominguez		Fax #:																									
FOR LAB USE ONLY																											
Lab I.D.		Sample I.D.		GRAB OR (C)/OMP.		# CONTAINERS		MATRIX				PRESERV.		SAMPLING		Chloride TPH BTEX 8021											
								GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :				ACID/BASE: ICE / COOL OTHER :		DATE TIME													
H230242				G 1		1		X				X		1/17/23													
1		SP1-Surf		G 1		1		X				X		1/17/23													
2		SP2-Surf		G 1		1		X				X		1/17/23													
3		SP2-1'		G 1		1		X				X		1/17/23													
4		SP3-Surf		G 1		1		X				X		1/17/23													
5		SP4-Surf		G 1		1		X				X		1/17/23													
6		SP5-Surf		G 1		1		X				X		1/17/23													
7		SP6-Surf		G 1		1		X				X		1/17/23													
8		SP7-Surf		G 1		1		X				X		1/17/23													
9		HZ1-Surf		G 1		1		X				X		1/17/23													
10		HZ1-1'		G 1		1		X				X		1/17/23													
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Relinquished By: Eli Dominguez		Date: 1/17/23		Received By: [Signature]		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		REMARKS:  Email results to: pm@hungry-horse.com agroves@durangomidstream.com																	
Relinquished By:		Time: 1605		Received By:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:																			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Date:		Time:		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) [Signature]																			

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





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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:		Hungry Horse LLC										BILL TO					ANALYSIS REQUEST																										
Project Manager:		Daniel Dominguez										P.O. #:																															
Address:		PO Box 1058										Company:																	Frontier Field Services, LLC														
City:		Hobbs					State:		NM			Zip:		88241															Attn:		Amber Groves												
Phone #:		575 393-3386					Fax #:							Address:															47 Conoco Rd														
Project #:							Project Owner:		Frontier Field Services, LLC					City:		Maljamar																											
Project Name:		Caviness Compressor Station										State:		NM															Zip:		88264												
Project Location:		UL/ D Sec 10 T18S - R33E										Phone #:																	575-703-7992														
Sampler Name:		Eli Dominguez										Fax #:																															
FOR LAB USE ONLY												MATRIX		PRESERV.		SAMPLING																											
Lab I.D.		Sample I.D.										(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER														WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL	
11		HZ2-Surf										G		1						X						X				1/17/23				X		X		X					
12		HZ2-1'										G		1						X						X				1/17/23				X		X		X					
13		HZ3-Surf										G		1						X						X				1/17/23				X		X		X					
14		HZ3-1'										G		1						X						X				1/17/23				X		X		X					
15		HZ4-Surf										G		1						X						X				1/17/23				X		X		X					
16		HZ4-1'										G		1						X						X				1/17/23				X		X		X					

**PLEASE NOTE:** Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:		Date:	Received By:	Phone Result:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
E. Dominguez		Time:	[Signature]	Fax Result:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:		Date:		REMARKS:	Email results to: pm@hungry-horse.com	
		Time:	Received By:	agroves@durangomidstream.com		
Delivered By: (Circle One)		#113	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) T.O.		
Sampler - UPS - Bus - Other:						
5.4°C / 4.8°C						

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



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

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January 27, 2023

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: CAVINESS COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 01/26/23 7:48.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/26/2023	Sampling Date:	01/25/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Jodi Henson
Project Location:	UL/ D SEC 10 T18S - R33E		

**Sample ID: SP 3 - 3" (H230360-01)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/26/2023	ND	2.06	103	2.00	8.92	
Toluene*	<0.050	0.050	01/26/2023	ND	2.14	107	2.00	8.75	
Ethylbenzene*	<0.050	0.050	01/26/2023	ND	2.10	105	2.00	8.75	
Total Xylenes*	<0.150	0.150	01/26/2023	ND	6.47	108	6.00	8.25	
Total BTX	<0.300	0.300	01/26/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/26/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/26/2023	ND	199	99.7	200	0.396	
DRO >C10-C28*	<10.0	10.0	01/26/2023	ND	202	101	200	0.676	
EXT DRO >C28-C36	<10.0	10.0	01/26/2023	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager





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### Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager





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

March 08, 2023

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: CAVINESS TANK

Enclosed are the results of analyses for samples received by the laboratory on 03/03/23 13:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	CAVINESS TANK	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER FS - UL/ D SEC 10 T18S - R33		

**Sample ID: SP 2 - 6' (H230985-01)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/06/2023	ND	2.00	99.9	2.00	0.155		
Toluene*	<0.050	0.050	03/06/2023	ND	1.99	99.6	2.00	0.0835		
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	1.96	97.9	2.00	0.596		
Total Xylenes*	<0.150	0.150	03/06/2023	ND	6.01	100	6.00	1.33		
Total BTEX	<0.300	0.300	03/06/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	03/06/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/06/2023	ND	193	96.4	200	2.85	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	191	95.6	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

Surrogate: 1-Chlorooctane 74.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.0 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	CAVINESS TANK	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER FS - UL/ D SEC 10 T18S - R33		

**Sample ID: SP 8 - SURF (H230985-02)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2023	ND	2.00	99.9	2.00	0.155	
Toluene*	<0.050	0.050	03/06/2023	ND	1.99	99.6	2.00	0.0835	
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	1.96	97.9	2.00	0.596	
Total Xylenes*	<0.150	0.150	03/06/2023	ND	6.01	100	6.00	1.33	
Total BTX	<0.300	0.300	03/06/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/06/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<100	100	03/06/2023	ND	215	107	200	13.1	
DRO >C10-C28*	5660	100	03/06/2023	ND	215	108	200	9.15	
EXT DRO >C28-C36	2270	100	03/06/2023	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 190 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	CAVINESS TANK	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER FS - UL/ D SEC 10 T18S - R33		

**Sample ID: SP 8 - 6' (H230985-03)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/06/2023	ND	2.00	99.9	2.00	0.155		
Toluene*	<0.050	0.050	03/06/2023	ND	1.99	99.6	2.00	0.0835		
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	1.96	97.9	2.00	0.596		
Total Xylenes*	<0.150	0.150	03/06/2023	ND	6.01	100	6.00	1.33		
Total BTEx	<0.300	0.300	03/06/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	03/06/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/06/2023	ND	215	107	200	13.1	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	215	108	200	9.15	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

Surrogate: 1-Chlorooctane 80.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

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### Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

---

Cardinal Laboratories

\*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

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Celey D. Keene, Lab Director/Quality Manager

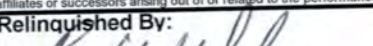
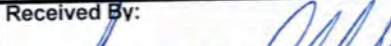


101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

**PLEASE NOTE:** Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: 				Date: 3/3/23 Time: 1:30		Received By: 		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:	
Relinquished By:				Date: Time:		Received By:		REMARKS:  Email results to: pm@hungry-horse.com  agroves@durangomidstream.com	
Delivered By: (Circle One) <u>#113</u>				Sample Condition Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) <u>T.O.</u>			
Sampler - UPS - Bus - Other: <u>4.6°C / 4.0°C</u>									

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





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

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March 16, 2023

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: CAVINESS COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 03/14/23 12:48.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/14/2023	Sampling Date:	03/14/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	TANK CONTAINMENT	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER FS - UL/ D SEC 10 T18S - R33		

**Sample ID: FL 1 (H231156-01)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/15/2023	ND	2.03	102	2.00	1.52		
Toluene*	<0.050	0.050	03/15/2023	ND	2.07	103	2.00	1.36		
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	2.05	103	2.00	1.07		
Total Xylenes*	<0.150	0.150	03/15/2023	ND	6.17	103	6.00	0.0870		
Total BTEX	<0.300	0.300	03/15/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/15/2023	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	03/14/2023	ND	193	96.3	200	14.2	
DRO >C10-C28*	25.8	10.0	03/14/2023	ND	191	95.6	200	13.6	
EXT DRO >C28-C36	14.7	10.0	03/14/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/14/2023	Sampling Date:	03/14/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	TANK CONTAINMENT	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER FS - UL/ D SEC 10 T18S - R33		

**Sample ID: FL 2 (H231156-02)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/15/2023	ND	2.03	102	2.00	1.52		
Toluene*	<0.050	0.050	03/15/2023	ND	2.07	103	2.00	1.36		
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	2.05	103	2.00	1.07		
Total Xylenes*	<0.150	0.150	03/15/2023	ND	6.17	103	6.00	0.0870		
Total BTEX	<0.300	0.300	03/15/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	03/15/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/14/2023	ND	193	96.3	200	14.2	
DRO >C10-C28*	1180	10.0	03/14/2023	ND	191	95.6	200	13.6	
EXT DRO >C28-C36	328	10.0	03/14/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 157 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/14/2023	Sampling Date:	03/14/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	TANK CONTAINMENT	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER FS - UL/ D SEC 10 T18S - R33		

**Sample ID: FL 3 (H231156-03)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2023	ND	2.03	102	2.00	1.52	
Toluene*	<0.050	0.050	03/15/2023	ND	2.07	103	2.00	1.36	
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	2.05	103	2.00	1.07	
Total Xylenes*	<0.150	0.150	03/15/2023	ND	6.17	103	6.00	0.0870	
Total BTEX	<0.300	0.300	03/15/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/15/2023	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	03/15/2023	ND	193	96.3	200	14.2	
DRO >C10-C28*	262	10.0	03/15/2023	ND	191	95.6	200	13.6	
EXT DRO >C28-C36	123	10.0	03/15/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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**Analytical Results For:**

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

Received:	03/14/2023	Sampling Date:	03/14/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	TANK CONTAINMENT	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER FS - UL/ D SEC 10 T18S - R33		

**Sample ID: FL 4 (H231156-04)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2023	ND	2.03	102	2.00	1.52	
Toluene*	<0.050	0.050	03/15/2023	ND	2.07	103	2.00	1.36	
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	2.05	103	2.00	1.07	
Total Xylenes*	<0.150	0.150	03/15/2023	ND	6.17	103	6.00	0.0870	
Total BTEX	<0.300	0.300	03/15/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/15/2023	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	03/15/2023	ND	193	96.3	200	14.2	
DRO >C10-C28*	587	10.0	03/15/2023	ND	191	95.6	200	13.6	
EXT DRO >C28-C36	209	10.0	03/15/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/14/2023	Sampling Date:	03/14/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	TANK CONTAINMENT	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER FS - UL/ D SEC 10 T18S - R33		

**Sample ID: FL 5 (H231156-05)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/15/2023	ND	2.03	102	2.00	1.52		
Toluene*	<0.050	0.050	03/15/2023	ND	2.07	103	2.00	1.36		
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	2.05	103	2.00	1.07		
Total Xylenes*	<0.150	0.150	03/15/2023	ND	6.17	103	6.00	0.0870		
Total BTEx	<0.300	0.300	03/15/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/15/2023	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	03/15/2023	ND	193	96.3	200	14.2	
DRO >C10-C28*	302	10.0	03/15/2023	ND	191	95.6	200	13.6	
EXT DRO >C28-C36	108	10.0	03/15/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/14/2023	Sampling Date:	03/14/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	TANK CONTAINMENT	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER FS - UL/ D SEC 10 T18S - R33		

**Sample ID: FL 6 (H231156-06)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/15/2023	ND	2.02	101	2.00	3.77		
Toluene*	<0.050	0.050	03/15/2023	ND	1.97	98.6	2.00	4.52		
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	1.95	97.4	2.00	3.13		
Total Xylenes*	<0.150	0.150	03/15/2023	ND	5.96	99.3	6.00	2.97		
Total BTEX	<0.300	0.300	03/15/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/15/2023	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	03/15/2023	ND	193	96.3	200	14.2	
DRO >C10-C28*	78.7	10.0	03/15/2023	ND	191	95.6	200	13.6	
EXT DRO >C28-C36	19.3	10.0	03/15/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/14/2023	Sampling Date:	03/14/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	TANK CONTAINMENT	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER FS - UL/ D SEC 10 T18S - R33		

**Sample ID: FL 7 (H231156-07)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2023	ND	2.02	101	2.00	3.77	
Toluene*	<0.050	0.050	03/15/2023	ND	1.97	98.6	2.00	4.52	
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	1.95	97.4	2.00	3.13	
Total Xylenes*	<0.150	0.150	03/15/2023	ND	5.96	99.3	6.00	2.97	
Total BTEX	<0.300	0.300	03/15/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/15/2023	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	03/15/2023	ND	193	96.3	200	14.2	
DRO >C10-C28*	196	10.0	03/15/2023	ND	191	95.6	200	13.6	
EXT DRO >C28-C36	68.6	10.0	03/15/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	03/14/2023	Sampling Date:	03/14/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	TANK CONTAINMENT	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER FS - UL/ D SEC 10 T18S - R33		

**Sample ID: FL 8 (H231156-08)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/15/2023	ND	2.02	101	2.00	3.77		
Toluene*	<0.050	0.050	03/15/2023	ND	1.97	98.6	2.00	4.52		
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	1.95	97.4	2.00	3.13		
Total Xylenes*	<0.150	0.150	03/15/2023	ND	5.96	99.3	6.00	2.97		
Total BTEX	<0.300	0.300	03/15/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/15/2023	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	03/15/2023	ND	193	96.3	200	14.2	
DRO >C10-C28*	33.4	10.0	03/15/2023	ND	191	95.6	200	13.6	
EXT DRO >C28-C36	11.2	10.0	03/15/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/14/2023	Sampling Date:	03/14/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	TANK CONTAINMENT	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER FS - UL/ D SEC 10 T18S - R33		

**Sample ID: FL 9 (H231156-09)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/15/2023	ND	2.02	101	2.00	3.77		
Toluene*	<0.050	0.050	03/15/2023	ND	1.97	98.6	2.00	4.52		
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	1.95	97.4	2.00	3.13		
Total Xylenes*	<0.150	0.150	03/15/2023	ND	5.96	99.3	6.00	2.97		
Total BTEX	<0.300	0.300	03/15/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/15/2023	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	03/15/2023	ND	193	96.3	200	14.2	
DRO >C10-C28*	23.4	10.0	03/15/2023	ND	191	95.6	200	13.6	
EXT DRO >C28-C36	<10.0	10.0	03/15/2023	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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

**Analytical Results For:**

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

Received:	03/14/2023	Sampling Date:	03/14/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	TANK CONTAINMENT	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER FS - UL/ D SEC 10 T18S - R33		

**Sample ID: FL 10 (H231156-10)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/15/2023	ND	2.02	101	2.00	3.77		
Toluene*	<0.050	0.050	03/15/2023	ND	1.97	98.6	2.00	4.52		
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	1.95	97.4	2.00	3.13		
Total Xylenes*	<0.150	0.150	03/15/2023	ND	5.96	99.3	6.00	2.97		
Total BTEX	<0.300	0.300	03/15/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/15/2023	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	03/15/2023	ND	193	96.3	200	14.2	
DRO >C10-C28*	21.6	10.0	03/15/2023	ND	191	95.6	200	13.6	
EXT DRO >C28-C36	<10.0	10.0	03/15/2023	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/14/2023	Sampling Date:	03/14/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	TANK CONTAINMENT	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER FS - UL/ D SEC 10 T18S - R33		

**Sample ID: FL 11 (H231156-11)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/16/2023	ND	2.08	104	2.00	2.58		
Toluene*	<0.050	0.050	03/16/2023	ND	2.08	104	2.00	2.43		
Ethylbenzene*	<0.050	0.050	03/16/2023	ND	2.17	109	2.00	2.56		
Total Xylenes*	<0.150	0.150	03/16/2023	ND	6.72	112	6.00	1.88		
Total BTX	<0.300	0.300	03/16/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/15/2023	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	03/15/2023	ND	193	96.3	200	14.2	
DRO >C10-C28*	75.7	10.0	03/15/2023	ND	191	95.6	200	13.6	
EXT DRO >C28-C36	20.5	10.0	03/15/2023	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received:	03/14/2023	Sampling Date:	03/14/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	TANK CONTAINMENT	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER FS - UL/ D SEC 10 T18S - R33		

**Sample ID: SW 1 (H231156-12)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/16/2023	ND	2.08	104	2.00	2.58		
Toluene*	<0.050	0.050	03/16/2023	ND	2.08	104	2.00	2.43		
Ethylbenzene*	<0.050	0.050	03/16/2023	ND	2.17	109	2.00	2.56		
Total Xylenes*	<0.150	0.150	03/16/2023	ND	6.72	112	6.00	1.88		
Total BTX	<0.300	0.300	03/16/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	03/15/2023	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	03/15/2023	ND	193	96.3	200	14.2	
DRO >C10-C28*	44.3	10.0	03/15/2023	ND	191	95.6	200	13.6	
EXT DRO >C28-C36	28.4	10.0	03/15/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/14/2023	Sampling Date:	03/14/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	TANK CONTAINMENT	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER FS - UL/ D SEC 10 T18S - R33		

**Sample ID: SW 2 (H231156-13)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/16/2023	ND	2.08	104	2.00	2.58		
Toluene*	<0.050	0.050	03/16/2023	ND	2.08	104	2.00	2.43		
Ethylbenzene*	<0.050	0.050	03/16/2023	ND	2.17	109	2.00	2.56		
Total Xylenes*	<0.150	0.150	03/16/2023	ND	6.72	112	6.00	1.88		
Total BTEX	<0.300	0.300	03/16/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/15/2023	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	03/15/2023	ND	193	96.3	200	14.2	
DRO >C10-C28*	<10.0	10.0	03/15/2023	ND	191	95.6	200	13.6	
EXT DRO >C28-C36	<10.0	10.0	03/15/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/14/2023	Sampling Date:	03/14/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	TANK CONTAINMENT	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER FS - UL/ D SEC 10 T18S - R33		

**Sample ID: SW 3 (H231156-14)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/16/2023	ND	2.08	104	2.00	2.58		
Toluene*	<0.050	0.050	03/16/2023	ND	2.08	104	2.00	2.43		
Ethylbenzene*	<0.050	0.050	03/16/2023	ND	2.17	109	2.00	2.56		
Total Xylenes*	<0.150	0.150	03/16/2023	ND	6.72	112	6.00	1.88		
Total BTX	<0.300	0.300	03/16/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/15/2023	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	03/15/2023	ND	169	84.6	200	25.3	QR-03
DRO >C10-C28*	27.8	10.0	03/15/2023	ND	162	81.1	200	22.1	QR-03
EXT DRO >C28-C36	<10.0	10.0	03/15/2023	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/14/2023	Sampling Date:	03/14/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	TANK CONTAINMENT	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER FS - UL/ D SEC 10 T18S - R33		

**Sample ID: SW 4 (H231156-15)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/16/2023	ND	2.08	104	2.00	2.58		
Toluene*	<0.050	0.050	03/16/2023	ND	2.08	104	2.00	2.43		
Ethylbenzene*	<0.050	0.050	03/16/2023	ND	2.17	109	2.00	2.56		
Total Xylenes*	<0.150	0.150	03/16/2023	ND	6.72	112	6.00	1.88		
Total BTX	<0.300	0.300	03/16/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	03/15/2023	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	03/15/2023	ND	169	84.6	200	25.3	
DRO >C10-C28*	39.0	10.0	03/15/2023	ND	162	81.1	200	22.1	
EXT DRO >C28-C36	<10.0	10.0	03/15/2023	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

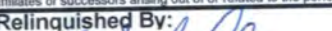
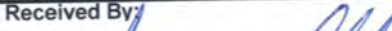


101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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<b>Relinquished By:</b> 		<b>Date:</b> 3/14/23 <b>Time:</b> 12:48	
<b>Relinquished By:</b>		<b>Received By:</b> 	
<b>Delivered By: (Circle One)</b> Sampler - UPS - Bus - Other: 3.1c/2.5c		<b>Sample Condition</b> Cool Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No	
<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No		<b>REMARKS:</b> Email results to: pm@hungry-horse.com agroves@durangomidstream.com	

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



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

April 03, 2023

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: CAVINESS COMPRESSOR STATION TANK CONTAINMENT

Enclosed are the results of analyses for samples received by the laboratory on 03/29/23 14:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received:	03/29/2023	Sampling Date:	03/29/2023
Reported:	04/03/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION TANK	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ D SEC 10 T18S - R33E		

**Sample ID: FL 2B (H231448-01)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2023	ND	2.12	106	2.00	10.2	
Toluene*	<0.050	0.050	03/31/2023	ND	2.16	108	2.00	11.3	
Ethylbenzene*	<0.050	0.050	03/31/2023	ND	2.14	107	2.00	11.5	
Total Xylenes*	<0.150	0.150	03/31/2023	ND	6.70	112	6.00	12.2	
Total BTX	<0.300	0.300	03/31/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/31/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2023	ND	213	107	200	7.64	
DRO >C10-C28*	338	10.0	03/30/2023	ND	220	110	200	10.5	
EXT DRO >C28-C36	91.1	10.0	03/30/2023	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/29/2023	Sampling Date:	03/29/2023
Reported:	04/03/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION TANK	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ D SEC 10 T18S - R33E		

**Sample ID: FL 3B (H231448-02)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/31/2023	ND	2.12	106	2.00	10.2		
Toluene*	<0.050	0.050	03/31/2023	ND	2.16	108	2.00	11.3		
Ethylbenzene*	<0.050	0.050	03/31/2023	ND	2.14	107	2.00	11.5		
Total Xylenes*	<0.150	0.150	03/31/2023	ND	6.70	112	6.00	12.2		
Total BTEX	<0.300	0.300	03/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	03/31/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2023	ND	213	107	200	7.64	
DRO >C10-C28*	45.2	10.0	03/30/2023	ND	220	110	200	10.5	
EXT DRO >C28-C36	17.6	10.0	03/30/2023	ND					

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/29/2023	Sampling Date:	03/29/2023
Reported:	04/03/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION TANK	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ D SEC 10 T18S - R33E		

**Sample ID: FL 4B (H231448-03)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/31/2023	ND	2.12	106	2.00	10.2		
Toluene*	<0.050	0.050	03/31/2023	ND	2.16	108	2.00	11.3		
Ethylbenzene*	<0.050	0.050	03/31/2023	ND	2.14	107	2.00	11.5		
Total Xylenes*	<0.150	0.150	03/31/2023	ND	6.70	112	6.00	12.2		
Total BTEx	<0.300	0.300	03/31/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/31/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2023	ND	213	107	200	7.64	
DRO >C10-C28*	21.2	10.0	03/30/2023	ND	220	110	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	03/30/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/29/2023	Sampling Date:	03/29/2023
Reported:	04/03/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION TANK	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ D SEC 10 T18S - R33E		

**Sample ID: FL 5B (H231448-04)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/31/2023	ND	2.12	106	2.00	10.2		
Toluene*	<0.050	0.050	03/31/2023	ND	2.16	108	2.00	11.3		
Ethylbenzene*	<0.050	0.050	03/31/2023	ND	2.14	107	2.00	11.5		
Total Xylenes*	<0.150	0.150	03/31/2023	ND	6.70	112	6.00	12.2		
Total BTEX	<0.300	0.300	03/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	03/31/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2023	ND	213	107	200	7.64	
DRO >C10-C28*	<10.0	10.0	03/30/2023	ND	220	110	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	03/30/2023	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received:	03/29/2023	Sampling Date:	03/29/2023
Reported:	04/03/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION TANK	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ D SEC 10 T18S - R33E		

**Sample ID: FL 6B (H231448-05)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2023	ND	2.07	104	2.00	3.89	
Toluene*	<0.050	0.050	03/31/2023	ND	2.12	106	2.00	4.18	
Ethylbenzene*	<0.050	0.050	03/31/2023	ND	2.18	109	2.00	3.95	
Total Xylenes*	<0.150	0.150	03/31/2023	ND	6.68	111	6.00	4.07	
Total BTX	<0.300	0.300	03/31/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	03/31/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2023	ND	213	107	200	7.64	
DRO >C10-C28*	14.9	10.0	03/30/2023	ND	220	110	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	03/30/2023	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/29/2023	Sampling Date:	03/29/2023
Reported:	04/03/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION TANK	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ D SEC 10 T18S - R33E		

**Sample ID: FL 7B (H231448-06)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/31/2023	ND	2.07	104	2.00	3.89		
Toluene*	<0.050	0.050	03/31/2023	ND	2.12	106	2.00	4.18		
Ethylbenzene*	<0.050	0.050	03/31/2023	ND	2.18	109	2.00	3.95		
Total Xylenes*	<0.150	0.150	03/31/2023	ND	6.68	111	6.00	4.07		
Total BTEX	<0.300	0.300	03/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/31/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2023	ND	213	107	200	7.64	
DRO >C10-C28*	534	10.0	03/30/2023	ND	220	110	200	10.5	
EXT DRO >C28-C36	119	10.0	03/30/2023	ND					

Surrogate: 1-Chlorooctane 80.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/29/2023	Sampling Date:	03/29/2023
Reported:	04/03/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION TANK	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ D SEC 10 T18S - R33E		

**Sample ID: FL 11B (H231448-07)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2023	ND	2.07	104	2.00	3.89	
Toluene*	<0.050	0.050	03/31/2023	ND	2.12	106	2.00	4.18	
Ethylbenzene*	<0.050	0.050	03/31/2023	ND	2.18	109	2.00	3.95	
Total Xylenes*	<0.150	0.150	03/31/2023	ND	6.68	111	6.00	4.07	
Total BTEX	<0.300	0.300	03/31/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/31/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2023	ND	213	107	200	7.64	
DRO >C10-C28*	120	10.0	03/30/2023	ND	220	110	200	10.5	
EXT DRO >C28-C36	28.8	10.0	03/30/2023	ND					

Surrogate: 1-Chlorooctane 75.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

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

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

---

Celey D. Keene, Lab Director/Quality Manager




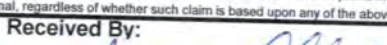



101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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Relinquished By: 		Date: 3-29-23		Received By: 		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
		Time: 1420				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:	
Relinquished By:		Date:		Received By:		REMARKS:  Email results to: pm@hungry-horse.com  cfrost@durangomidstream.com	
		Time:					
Delivered By: (Circle One)		#13		Sample Condition		CHECKED BY: (Initials) 	
Sampler - UPS - Bus - Other: 3.1c / 2.5c				Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			

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

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



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---

April 13, 2023

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: CAVINESS COMPRESSOR STATION TANK CONTAINMENT

Enclosed are the results of analyses for samples received by the laboratory on 04/06/23 15:54.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION TANK	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ D SEC 10 T18S - R33E		

**Sample ID: FL 2 C (H231647-01)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2023	ND	1.93	96.3	2.00	0.748	
Toluene*	<0.050	0.050	04/11/2023	ND	1.97	98.4	2.00	0.811	
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	2.08	104	2.00	0.823	
Total Xylenes*	<0.150	0.150	04/11/2023	ND	6.26	104	6.00	0.837	
Total BTX	<0.300	0.300	04/11/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	183	91.7	200	0.937	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	178	88.8	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION TANK	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ D SEC 10 T18S - R33E		

**Sample ID: FL 7 C (H231647-02)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2023	ND	1.93	96.3	2.00	0.748		
Toluene*	<0.050	0.050	04/11/2023	ND	1.97	98.4	2.00	0.811		
Ethylbenzene*	<0.050	0.050	04/11/2023	ND	2.08	104	2.00	0.823		
Total Xylenes*	<0.150	0.150	04/11/2023	ND	6.26	104	6.00	0.837		
Total BTEX	<0.300	0.300	04/11/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	183	91.7	200	0.937	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	178	88.8	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received:	04/06/2023	Sampling Date:	04/06/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	CAVINESS COMPRESSOR STATION TANK	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/ D SEC 10 T18S - R33E		

**Sample ID: FL 11 C (H231647-03)**

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	04/12/2023	ND	1.93	96.3	2.00	0.748	
Toluene*	<0.050	0.050	04/12/2023	ND	1.97	98.4	2.00	0.811	
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.08	104	2.00	0.823	
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.26	104	6.00	0.837	
Total BTEX	<0.300	0.300	04/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/12/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2023	ND	188	93.9	200	3.49	
DRO >C10-C28*	<10.0	10.0	04/11/2023	ND	190	94.9	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	04/11/2023	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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### Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager



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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

**PLEASE NOTE:** Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:		Date:	Received By:		Phone Result:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Add'l Phone #:
		Time:			Fax Result:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Add'l Fax #:
Relinquished By:		Date:	Received By:		REMARKS:			
		Time:						
Delivered By: (Circle One)		Sample Condition		CHECKED BY:				
Sampler - UPS - Bus - Other:		Cool Intact		(Initials)				
		<input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		<input checked="" type="checkbox"/> 				

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

**Attachment VII**  
**NMOCD Form Initial C-141**



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

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

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

Incident ID	nAPP2301335904
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Frontier Field Services, LLC	OGRID 221115
Contact Name Amber Groves	Contact Telephone 575-703-7992
Contact email <a href="mailto:agroves@durangomidstream.com">agroves@durangomidstream.com</a>	Incident # (assigned by OCD)
Contact mailing address 47 Conoco Rd, Maljamar NM 88264	

Location of Release Source

Latitude 32.76601 Longitude -103.65510  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Caviness Compressor Station	Site Type Compressor Station
Date Release Discovered 1/11/2023	API# (if applicable)

Unit Letter	Section	Township	Range	County
C&D	10	18S	33E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: Caviness Ranch )

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 10.7	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

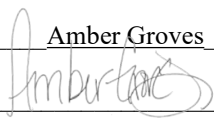
Cause of Release  
Suction scrubber dump hung up causing liquids to overflow.

Incident ID	nAPP2301335904
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?

### Initial Response

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

<input checked="" type="checkbox"/> The source of the release has been stopped.	
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC 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 within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
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: <u>Amber Groves</u>	Title: <u>Senior Environmental Specialist</u>
Signature: <u></u>	Date: <u>1/13/2023</u>
email: <u>agroves@durangomidstream.com</u>	Telephone: <u>(575)703-7992</u>
<b><u>OCD Only</u></b>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>01/13/2023</u>

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
  
Action 224845

CONDITIONS

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 224845
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	9/1/2023