

Incident ID	nAPP2222824753
District RP	
Facility ID	
Application ID	

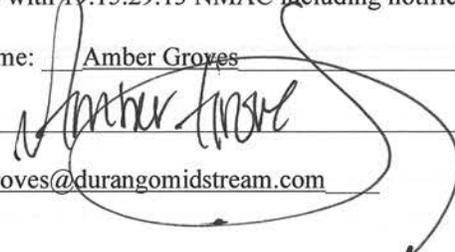
### Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

**Closure Report Attachment Checklist:** Each of the following items must be included in the closure report.

- A scaled site and sampling diagram as described in 19.15.29.11 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: Amber Groves Title: Sr. Environmental Specialist  
 Signature:  Date: 2/14/2023  
 email: agroves@durangomidstream.com Telephone: 575-703-7992

**OCD Only**

Received by: Jocelyn Harimon Date: 02/14/2023

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Robert Hamlet Date: 6/15/2023  
 Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced



## Remediation Summary and Closure Request

**Frontier Field Services, LLC**

**Texmack 6"**

**Eddy County, New Mexico**

**Unit Letter "M", Section 23, Township 17 South, Range 31 East**

**Latitude 32.816503 North, Longitude 103.843544 West**

**NMOCD Incident # nAPP2222824753**

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Prepared For:

Frontier Field Services, LLC

47 Conoco Rd

Maljamar, NM 88264

Prepared By:

Hungry Horse, LLC

4024 Plains Hwy

Lovington, NM 88260

Office: (575) 393-3386

**February 2023**

Handwritten signature of Bradley Wells in black ink.

Bradley Wells

Project Manager

[bwells@hungry-horse.com](mailto:bwells@hungry-horse.com)

Handwritten signature of Daniel Dominguez in black ink.

Daniel Dominguez

Environmental Manager

[ddominguez@hungry-horse.com](mailto:ddominguez@hungry-horse.com)

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## 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 type="checkbox"/> Yes <input checked="" 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

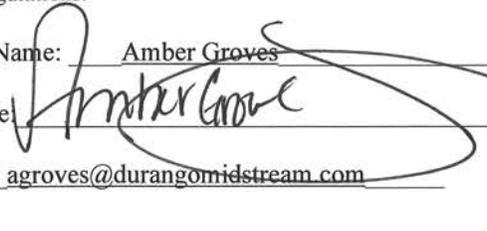
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, 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.

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: Amber Groves Title: Sr. Environmental Specialist

Signature:  Date: 2/14/2023

email: agroves@durangomidstream.com Telephone: (575)703-7992

**OCD Only**

Received by: Jocelyn Harimon Date: 02/14/2023

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## Remediation Plan

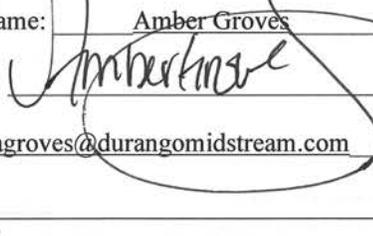
**Remediation Plan Checklist:** *Each of the following items must be included in the plan.*

- 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.

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 Signature:  Date: 2/14/2023  
 email: agroves@durangomidstream.com Telephone: (575)703-7992

**OCD Only**

Received by: Jocelyn Harimon Date: 02/14/2023

- Approved       Approved with Attached Conditions of Approval       Denied       Deferral Approved

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

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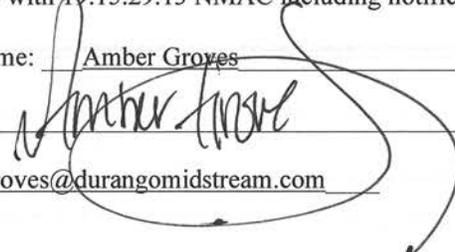
### Closure

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**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)
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**OCD Only**

Received by: Jocelyn Harimon Date: 02/14/2023

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Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_



## HUNGRY HORSE, LLC

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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 M (SW/SW), Section 23, Township 17 South, Range 31 East, approximately 6 miles Southwest of Maljamar, in Eddy County, New Mexico. The property is Federally owned. Topographic Map, OSE POD Locations Map, and USGS Well Locations Map are included as Figure 1, Figure 2, and Figure 3, respectively.

The release occurred on an active pipeline; Latitude 32.816503 North, Longitude 103.843544 West. The Initial NMOCD Form C-141 indicated that on August 12, 2022 approximately 4 bbls of condensate and 58.53 Mcf of natural gas were released due to internal and external corrosion on the pipeline. A crew was dispatched to the release site and the line was repaired. Previously submitted pages of the NMOCD Form C-141 are available on the NMOCD Imaging System. NMOCD Form Initial C-141 is also included as Attachment VII.

### NMOCD Site Classification:

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

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

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



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

On September 1, 2022, Hungry Horse performed an initial site assessment consisting of photographing and mapping the release area. Sampling activities were not conducted as Arch Clearance from the BLM had not yet been received. On November 9, 2022, the NMCOD was contacted and a ninety-day extension was requested as Arch Clearance had not yet been issued. The extension was approved and Arch Clearance received on November 10, 2022.

On November 29 and 30, 2022, Hungry Horse personnel conducted a series of sampling events. During the sampling events, test trenches were advanced in the release area and floor of the excavated area in an effort to determine the vertical extent of contamination. These sample locations are identified by SP designation. In addition, 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, twenty representative soil samples were selected for laboratory analysis. Delineation soil samples SP1 through SP5, and HZ1 through HZ5, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples, with the exception of SP1 at Surface through SP5 at Surface, which exhibited TPH and/or chloride concentrations in excess of the NMOCD Closure Criteria.

From December 7-21, 2022, the release area was excavated. Soil impacted above the NMOCD Closure Criteria was excavated and stockpiled on site, atop plastic, before transport to an NMOCD approved disposal facility.

On December 22, 2022, twenty-four 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 FL16 and SW1 through SW8, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples, with the exception of FL1, FL2, FL4, FL6, FL7, FL8, FL10, FL11, FL12, FL13, FL15, SW1, SW2, SW4, SW6, SW7, and SW8, which exhibited TPH and/or chloride concentrations in excess of the NMOCD Closure Criteria.

From January 3 – 5, 2023, the areas in excess of NMOCD Closure Criteria were excavated. On January 6, 2023, the excavated areas were resampled. Soil samples FL1b, FL2b, FL4b, FL6b, FL7b, FL8b, FL10b, FL11b, FL12b, FL13b, FL15b, SW1b, SW2b, SW4b, SW6b, SW7b, and SW8b,



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 one hundred fifty feet in length, ten to forty-five feet in width, and two to twelve feet in depth. During remediation activities approximately 1,692 cubic yards of impacted soil were excavated and hauled to an NMOCD approved disposal facility. Manifests can be provided upon request.

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

### **Closure Request:**

Remediation activities were conducted in accordance with applicable NMOCD Regulations. Soil affected above the NMOCD Closure Criteria has been excavated and hauled to an NMOCD approved facility for disposal. Laboratory analytical results from composite confirmation samples indicate concentrations of BTEX, TPH, and chloride are below the NMOCD Closure Criteria.

Based on laboratory analytical results, Frontier Field Services, LLC respectfully requests closure of the Texmack 6" location, nAPP2222824753.

### **Limitations:**

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



---

**Distribution:**

**Frontier Field Services, LLC**

47 Conoco Rd.  
Maljamar, NM 88264

**New Mexico Energy, Minerals and Natural Resources Department**

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

**New Mexico Bureau of Land Management**

620 E. Greene St  
Carlsbad, NM 88220

## **Figures**



**Figure 1**

Topographic Map  
 Frontier Field Services, LLC  
 6" Texmack  
 GPS: 32.816483, -103.843553  
 Eddy County

**Legend:**

● 6" Texmack Location

Drafted: dd  
 Checked: bw  
 Date: 9/1/22





**Figure 2**

OSE POD Locations Map  
Frontier Field Services, LLC  
6" Texmack  
GPS: 32.816483, -103.843553  
Eddy County

**Legend:**

● 6" Texmack Location



Drafted: dd  
Checked: bw  
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**Figure 3**

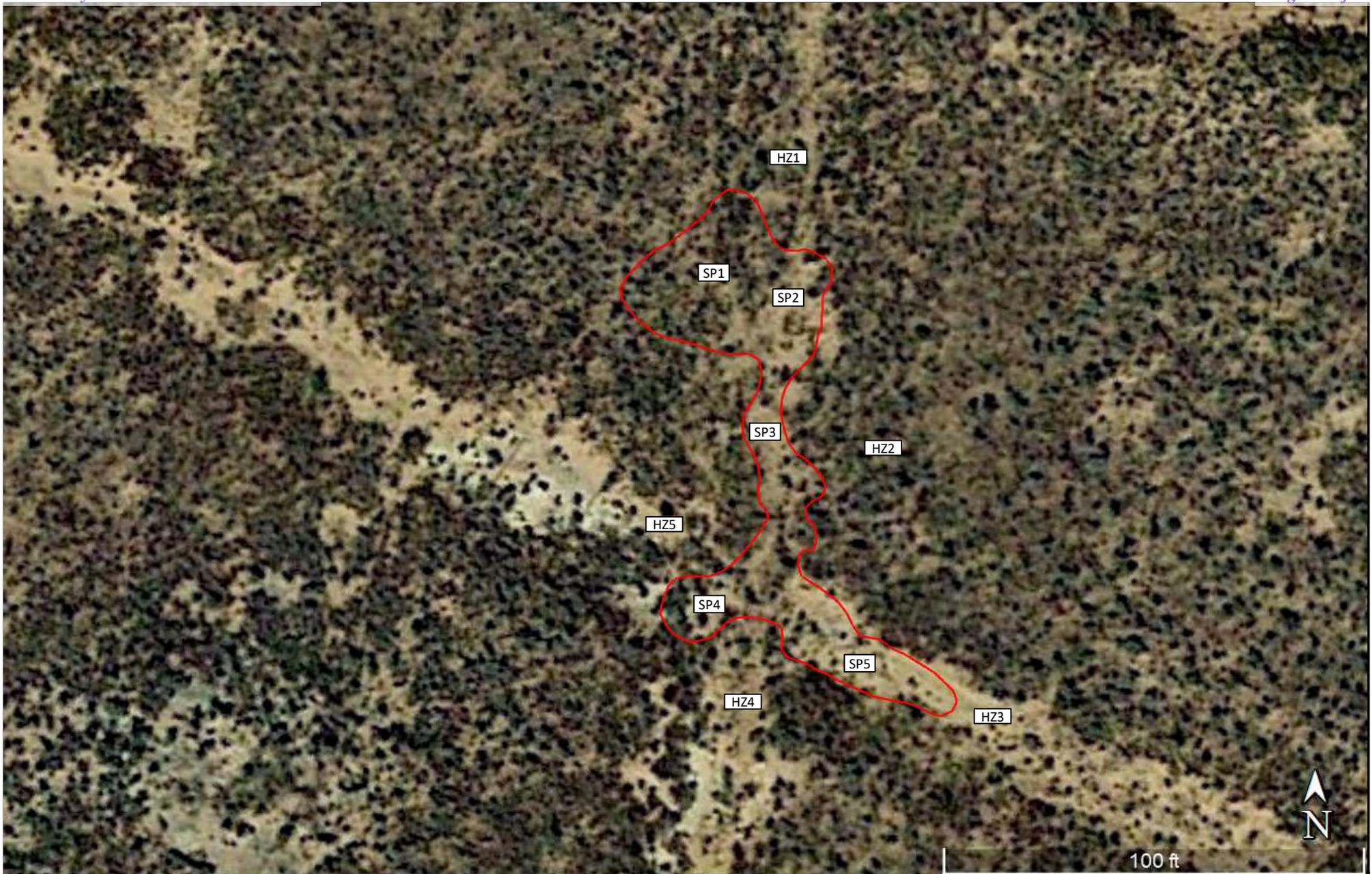
USGS Well Locations Map  
Frontier Field Services, LLC  
6" Texmack  
GPS: 32.816483, -103.843553  
Eddy County

**Legend:**

● 6" Texmack Location



Drafted: dd  
Checked: bw  
Date: 9/1/22



**Figure 4**

Delineation Sample Map  
Frontier Field Services, LLC  
6" Texmack  
GPS: 32.816483, -103.843553  
Eddy County

**Legend:**

-  Release Area
-  Delineation Sample Location

Drafted: dd  
Checked: bw  
Date: 11/14/22





**Figure 5**

Excavation Sample Map  
 Frontier Field Services, LLC  
 Texmack 6" Steel Line  
 GPS: 32.816483, -103.843553  
 Eddy County

**Legend:**

-  Excavated Area
-  Composite Confirmation Sample Location

Drafted: dd  
 Checked: bw  
 Date: 1/5/23



## **Table**

**TABLE 1**  
**Summary of Soil Sample Laboratory Analytical Results**  
**Frontier Field Services, LLC**  
**Texmack 6" Steel Line**  
**NMOCD Ref. #: nAPP2222824753**

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	11/29/22	Surf	Excavated	<0.050	<0.300	<10.0	51	51	31	<b>82.2</b>	<16.0
	11/29/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP2	11/29/22	Surf	Excavated	<0.050	<0.300	<10.0	104	104	38	<b>142.4</b>	224
	11/30/22	5	In-Situ	<0.050	<0.300	<10.0	21.1	21.1	<10.0	<30.0	80.0
SP3	11/29/22	Surf	Excavated	0.394	20.7	295	6,390	6,685	1,310	<b>7,995</b>	<b>1,140</b>
	11/30/22	11	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
SP4	11/29/22	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	11/30/22	5	In-Situ	<0.050	0.821	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP5	11/29/22	Surf	Excavated	0.544	29.0	214	4,560	4,774	1,190	<b>5,964</b>	<b>2,880</b>
	11/30/22	9	In-Situ	<0.050	0.628	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
HZ1	11/29/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	11/29/22	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ2	11/29/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	11/29/22	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ3	11/29/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	11/29/22	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ4	11/29/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	11/29/22	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ5	11/29/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	11/29/22	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
<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***Released to Imaging: 6/15/2023 8:55:45 AM*

**TABLE 1**  
**Summary of Soil Sample Laboratory Analytical Results**  
**Frontier Field Services, LLC**  
**Texmack 6" Steel Line**  
**NMOCD Ref. #: nAPP2222824753**

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	12/22/22	2	Excavated	<0.050	<0.300	<10.0	112	112	27.3	<b>139.3</b>	480
FL1b	1/6/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL2	12/22/22	2	Excavated	<0.050	<0.300	<10.0	128	128	31.0	<b>159</b>	<b>640</b>
FL2b	1/6/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL3	12/22/22	2	In-Situ	<0.050	<0.300	<10.0	30.4	30.4	<10.0	30.4	352
FL4	12/22/22	2	Excavated	<0.050	<0.300	<10.0	116	116	25.8	<b>141.8</b>	<b>672</b>
FL4b	1/6/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL5	12/22/22	2	In-Situ	<0.050	<0.300	<10.0	59.9	59.9	13.4	73.3	528
FL6	12/22/22	5	Excavated	<0.050	<0.300	<10.0	102	102	27.0	<b>129</b>	<b>720</b>
FL6b	1/6/23	6	In-Situ	<0.050	<0.300	<10.0	31.7	31.7	<10.0	31.7	240
FL7	12/22/22	5	Excavated	<0.050	<0.300	<10.0	116	116	27.0	<b>143</b>	<b>608</b>
FL7b	1/6/23	6	In-Situ	<0.050	<0.300	<10.0	45.7	45.7	<10.0	45.7	368
FL8	12/22/22	11	Excavated	<0.050	<0.300	<10.0	120	120	31.4	<b>151.4</b>	<b>864</b>
FL8b	1/6/23	12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL9	12/22/22	11	In-Situ	<0.050	<0.300	<10.0	32.3	32.3	<10.0	32.3	576
FL10	12/22/22	11	Excavated	<0.050	<0.300	<10.0	104	104	21.5	<b>125.5</b>	<b>656</b>
FL10b	1/6/23	12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL11	12/22/22	5	Excavated	<0.050	<0.300	<10.0	113	113	26.7	<b>139.7</b>	576
FL11b	1/6/23	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL12	12/22/22	5	Excavated	<0.050	<0.300	<10.0	165	165	40.7	<b>205.7</b>	<b>1,880</b>
FL12b	1/6/23	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL13	12/22/22	5	Excavated	<0.050	<0.300	<10.0	151	151	39.2	<b>190.2</b>	192
FL13b	1/6/23	6	In-Situ	<0.050	<0.300	<10.0	12.5	<20.0	<10.0	<30.0	<16.0
FL14	12/22/22	9	In-Situ	<0.050	<0.300	<10.0	76.8	76.8	16.1	92.9	384
FL15	12/22/22	9	Excavated	<0.050	<0.300	<10.0	120	120	31.4	<b>151.4</b>	<b>864</b>
FL15b	1/6/23	10	In-Situ	<0.050	<0.300	<10.0	13.1	<20.0	<10.0	<30.0	48.0
FL16	12/22/22	9	In-Situ	<0.050	<0.300	<10.0	20.1	20.1	<10.0	<30.0	96.0
SW1	12/22/22	1	Excavated	<0.050	0.878	<10.0	953	953	237.0	<b>1,190</b>	<b>816</b>
SW1b	1/6/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW2	12/22/22	3	Excavated	<0.050	0.368	<10.0	286	286	102.0	<b>388</b>	<b>688</b>
SW2b	1/6/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW3	12/22/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
SW4	12/22/22	3	Excavated	<0.050	0.458	<10.0	230	230	73.5	<b>303.5</b>	32.0
SW4b	1/6/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW5	12/22/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
SW6	12/22/22	3	Excavated	<0.050	<0.300	<10.0	251	251	79.4	<b>330.4</b>	<b>672</b>
SW6b	1/6/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW7	12/22/22	3	Excavated	<0.050	0.714	<10.0	506	506	143.0	<b>649</b>	<b>848</b>
SW7b	1/6/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW8	12/22/22	3	Excavated	<0.050	1.23	<10.0	332	332	71.2	<b>403.2</b>	128
SW8b	1/6/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
<b>NMOCD Closure Criteria</b>				<b>10</b>	<b>50</b>	-	-	<b>N/A</b>	-	<b>100</b>	<b>600</b>

**NOTES:**

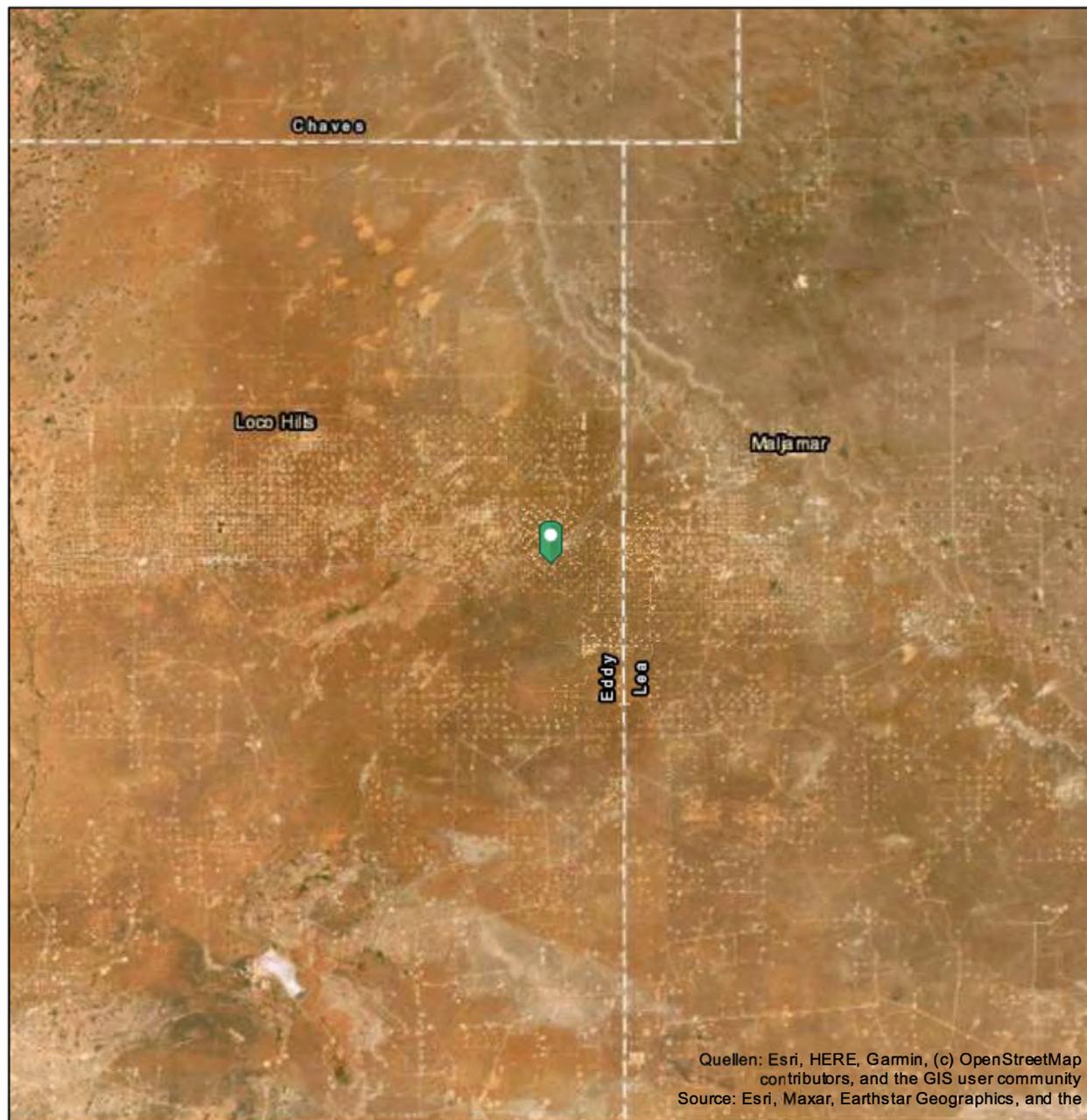
-- Sample not analyzed for that constituent.

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

# **Attachment I**

## **Karst and Wetland Maps**

# Texmack 6"



## Karst springs

- Spring with low flow discharge  $\geq 2 \text{ m}^3/\text{s}$
- Spring with low flow discharge  $< 2 \text{ m}^3/\text{s}$
- Submarine spring
- Thermal spring

- Discontinuous carbonate rocks
- Continuous evaporite rocks
- Discontinuous evaporite rocks
- Mixed carbonate and evaporite rocks

- Water abstraction structure in karst aquifer
- Ω Cave systems
- ▲ Border between exposed and non-exposed karstifiable rocks
- Selected city, partly dependent on groundwater
- Boundary of continuous permafrost
- Continuous ice sheet

## Karstifiable rocks (potential karst aquifer)

- Continuous carbonate rocks



# Texmack 6"



U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands\_team@fws.gov

November 30, 2022

### 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:** Amber Groves <AGroves@durangomidstream.com>  
**Sent:** Wednesday, November 9, 2022 1:55 PM  
**To:** Hamlet, Robert, EMNRD; Nobui, Jennifer, EMNRD; Harimon, Jocelyn, EMNRD; Velez, Nelson, EMNRD; Tucker, Shelly J  
**Cc:** Bratcher, Mike, EMNRD; Billings, Bradford, EMNRD; Chad Frost; Daniel Dominguez  
**Subject:** nAPP2222824753 Frontier TexMack Extension Request

Good Afternoon,

Frontier Field Services would like to respectfully request a 90 day extension for nAPP2222824753. A KMZ for ARCH clearance was sent to BLM on 8/31 and a follow up on 10/24 and we have yet to receive a response. Please feel free to give me a call should you have any questions.

Thank you,

**Amber Groves | Sr. Environmental Specialist**  
**Mobile 575.703.7992**



<https://www.durangomidstream.com/>  
[agroves@durangomidstream.com](mailto:agroves@durangomidstream.com)

**CONFIDENTIALITY NOTICE:**

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

**Daniel Dominguez**

---

**From:** Amber Groves <AGroves@durangomidstream.com>  
**Sent:** Thursday, November 10, 2022 12:34 PM  
**To:** Daniel Dominguez  
**Subject:** Fwd: [EXTERNAL] RE: Texmack Initial C-141

Sent from my iPhone

Begin forwarded message:

**From:** "Tucker, Shelly J" <stucker@blm.gov>  
**Date:** November 10, 2022 at 12:32:40 PM MST  
**To:** Amber Groves <AGroves@durangomidstream.com>  
**Subject:** Re: [EXTERNAL] RE: Texmack Initial C-141

Per archeology, "100ft survey buffer around the entire spill area including any area they will disturb for the cleanup".

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

*Shelly J Tucker*

Environmental Protection Specialist  
Realty - Compliance

Bureau of Land Management  
620 E. Greene St  
Carlsbad, NM 88220

575.234.5706 - Direct  
575.499.6831 - Mobile

[stucker@blm.gov](mailto:stucker@blm.gov)

*Please note a new spill/release email account has been set up. Please forward future email notifications for **spills/releases only** to this central email to ensure if I am unavailable, my supervisor will be able to assist with any questions.*

Spill/Release email: **BLM\_NM\_CFO\_REALTY\_SPILL@BLM.GOV**

---

**From:** Amber Groves <AGroves@durangomidstream.com>  
**Sent:** Monday, October 24, 2022 11:43 AM  
**To:** CFO\_Spill, BLM\_NM <BLM\_NM\_CFO\_Spill@blm.gov>; Tucker, Shelly J <stucker@blm.gov>  
**Subject:** [EXTERNAL] RE: Texmack Initial C-141

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Good Morning,

I just wanted to follow up on the ARCH clearance for this site, please. May I get an idea on where it is on the list, by chance?

Thank you,

Amber

---

**From:** Amber Groves

**Sent:** Friday, September 2, 2022 6:50 AM

**To:** 'CFO\_Spill, BLM\_NM' <blm\_nm\_cfo\_spill@blm.gov>; 'stucker@blm.gov' <stucker@blm.gov>

**Subject:** RE: Texmack Initial C-141

Good Morning,

Please find the attached KMZ of the below release for ARCH clearance. Please let me know if you have any questions or need any further information.

Thank you,

Amber

---

**From:** Amber Groves

**Sent:** Wednesday, August 31, 2022 11:06 AM

**To:** CFO\_Spill, BLM\_NM <[blm\\_nm\\_cfo\\_spill@blm.gov](mailto:blm_nm_cfo_spill@blm.gov)>; [stucker@blm.gov](mailto:stucker@blm.gov)

**Subject:** Texmack Initial C-141

Good Morning,

Please find attached the initial C-141 for Frontier's release on our Texmack line. Please feel free to give me a call should you have any questions.

Thank you,

**Amber Groves | Sr. Environmental Specialist**

**Mobile 575.703.7992**



<https://www.durangomidstream.com/>  
[agroves@durangomidstream.com](mailto:agroves@durangomidstream.com)

**CONFIDENTIALITY NOTICE:**

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

**Daniel Dominguez**

---

**From:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>  
**Sent:** Monday, December 19, 2022 3:39 PM  
**To:** Daniel Dominguez  
**Cc:** Bratcher, Michael, EMNRD  
**Subject:** RE: [EXTERNAL] Closure Samples

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.

**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, December 19, 2022 3:10 PM  
**To:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>  
**Subject:** [EXTERNAL] Closure Samples

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

We will collect closure samples at the Texmack 6" (nAPP2222824753) on Thursday, December 22, 2022, at 8 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, January 3, 2023 11:34 AM  
**To:** Daniel Dominguez  
**Cc:** Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD  
**Subject:** RE: [EXTERNAL] Closure Samples

Daniel,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

**Jocelyn Harimon** • Environmental Specialist  
Environmental Bureau  
EMNRD - Oil Conservation Division  
1220 South St. Francis Drive | Santa Fe, NM 87505  
(505)469-2821 | [Jocelyn.Harimon@emnrd.nm.gov](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, January 3, 2023 11:29 AM  
**To:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>  
**Subject:** [EXTERNAL] Closure Samples

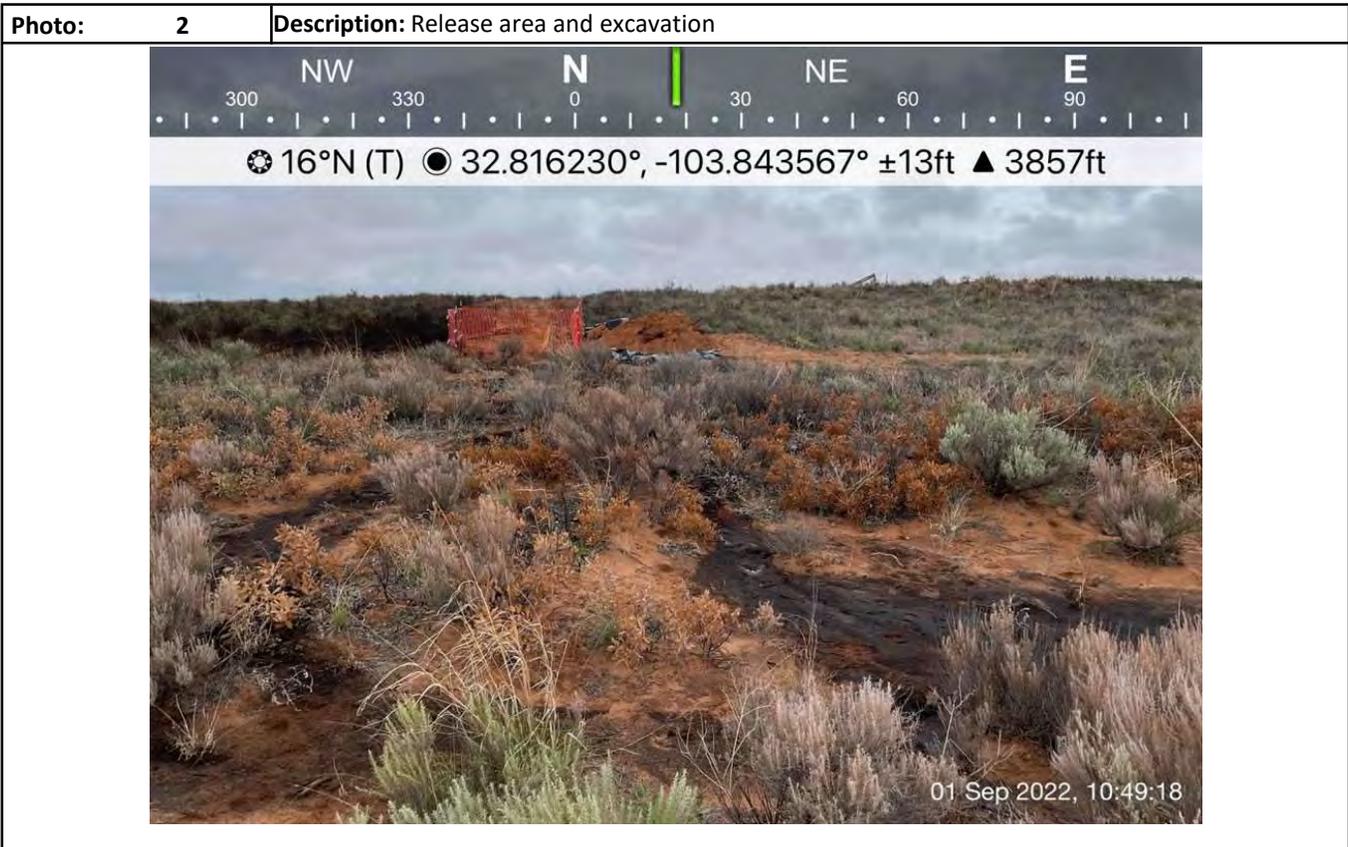
**CAUTION:** This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

We will collect additional closure samples at the Texmack 6" (nAPP2222824753) on Friday, January 6, 2023, at 7 am. This is our 2 day notice.

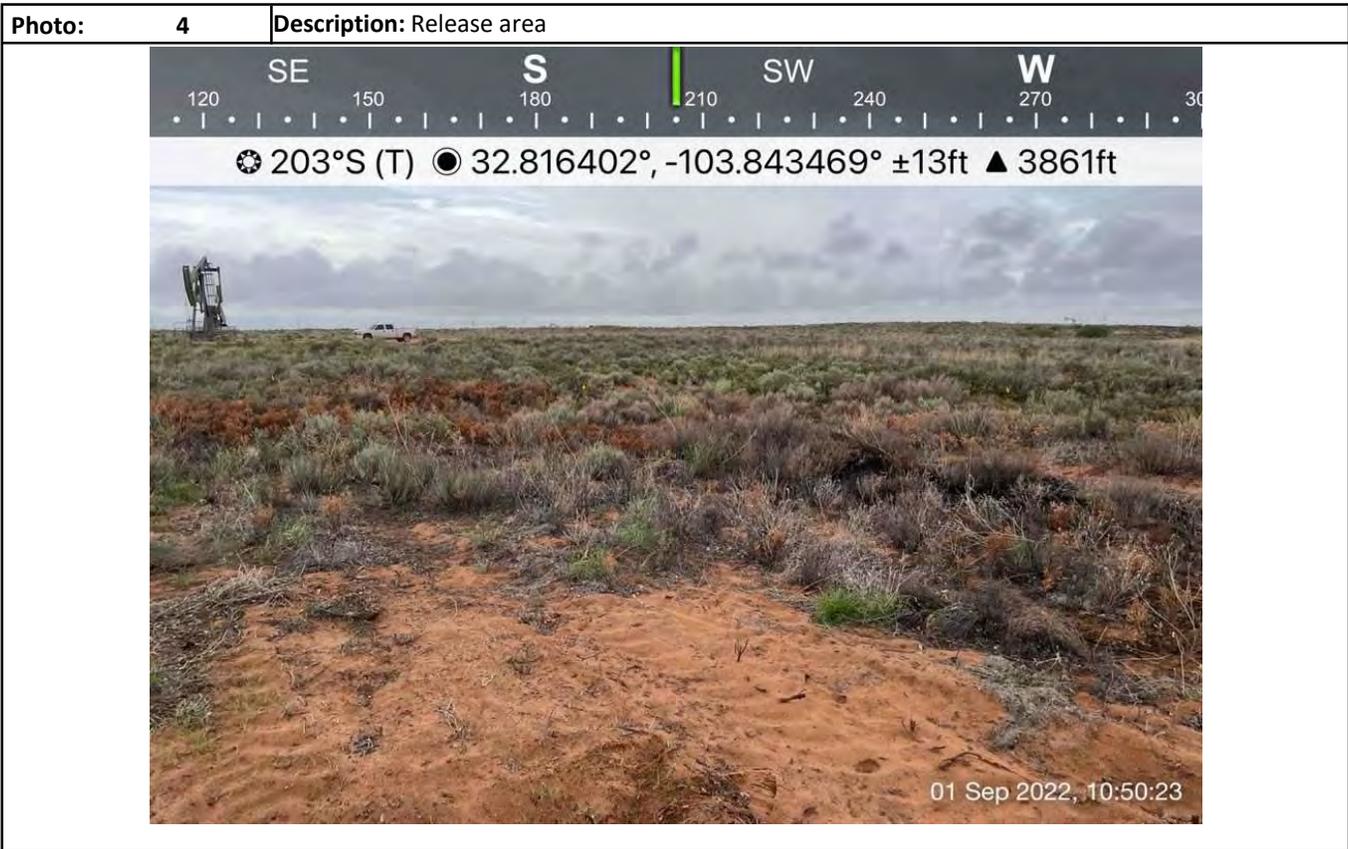
Daniel Dominguez  
Environmental Manager  
Hungry Horse, LLC  
(mobile) 575-408-3134  
[ddominguez@hungry-horse.com](mailto:ddominguez@hungry-horse.com)

## **Attachment III Site Photographs**

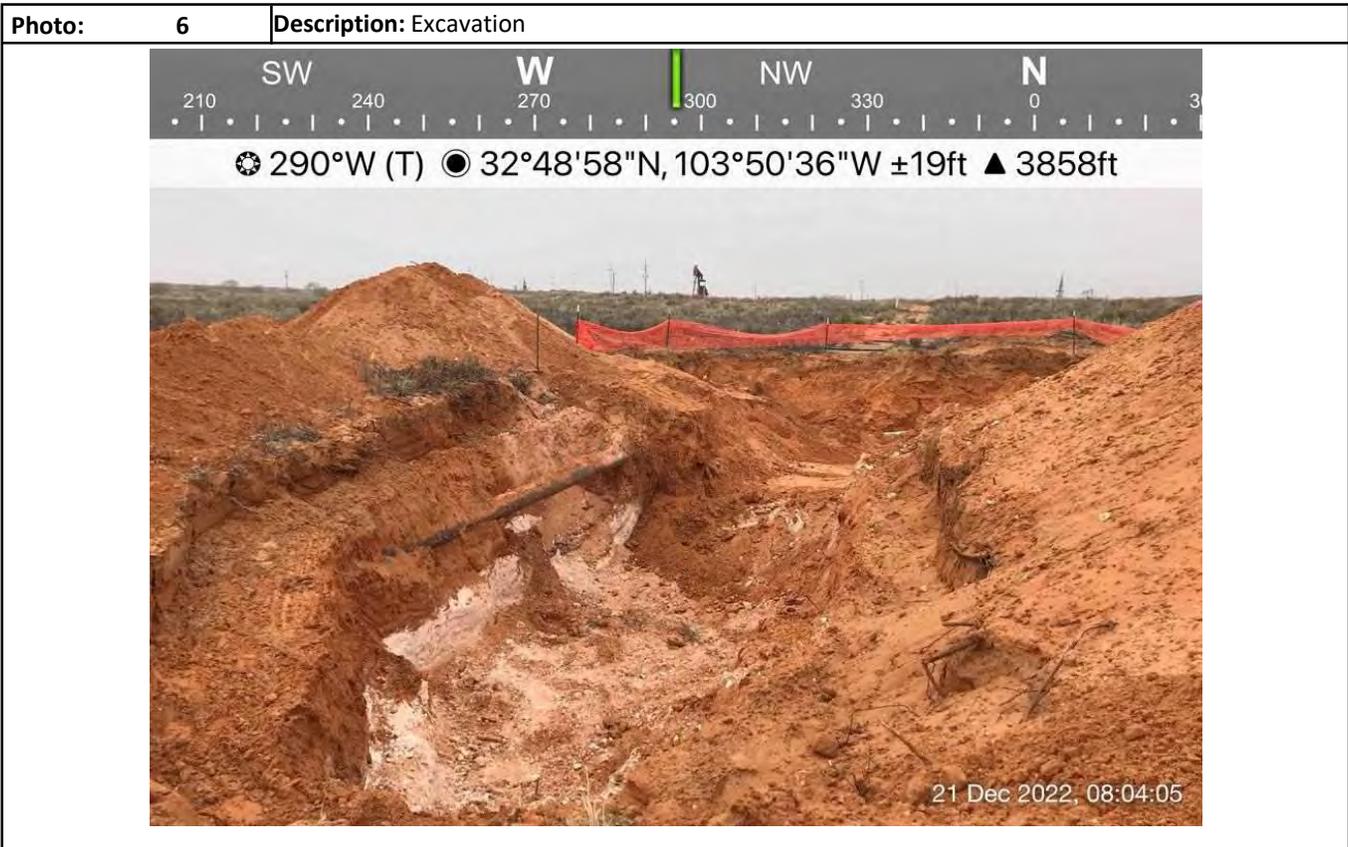
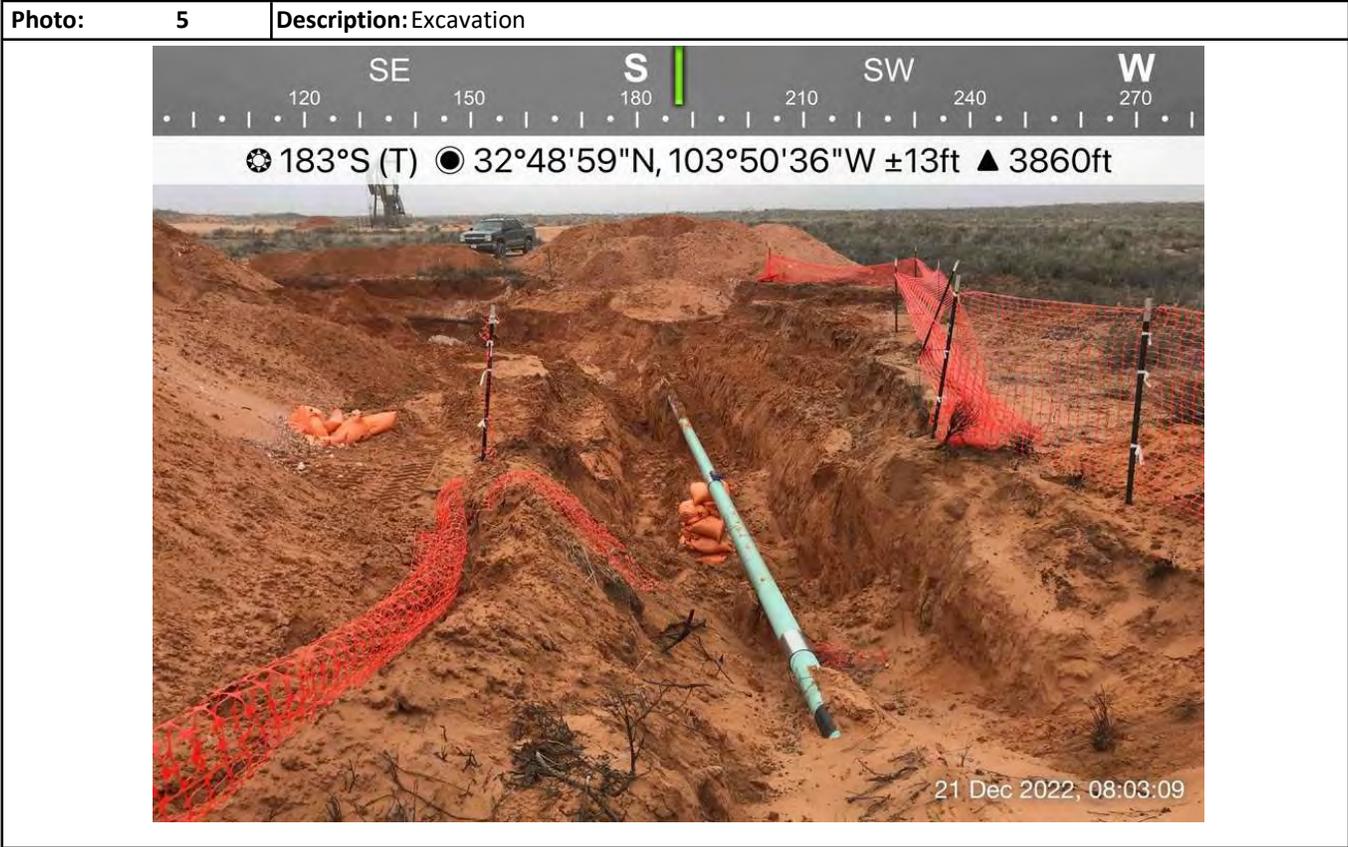
# Photographs



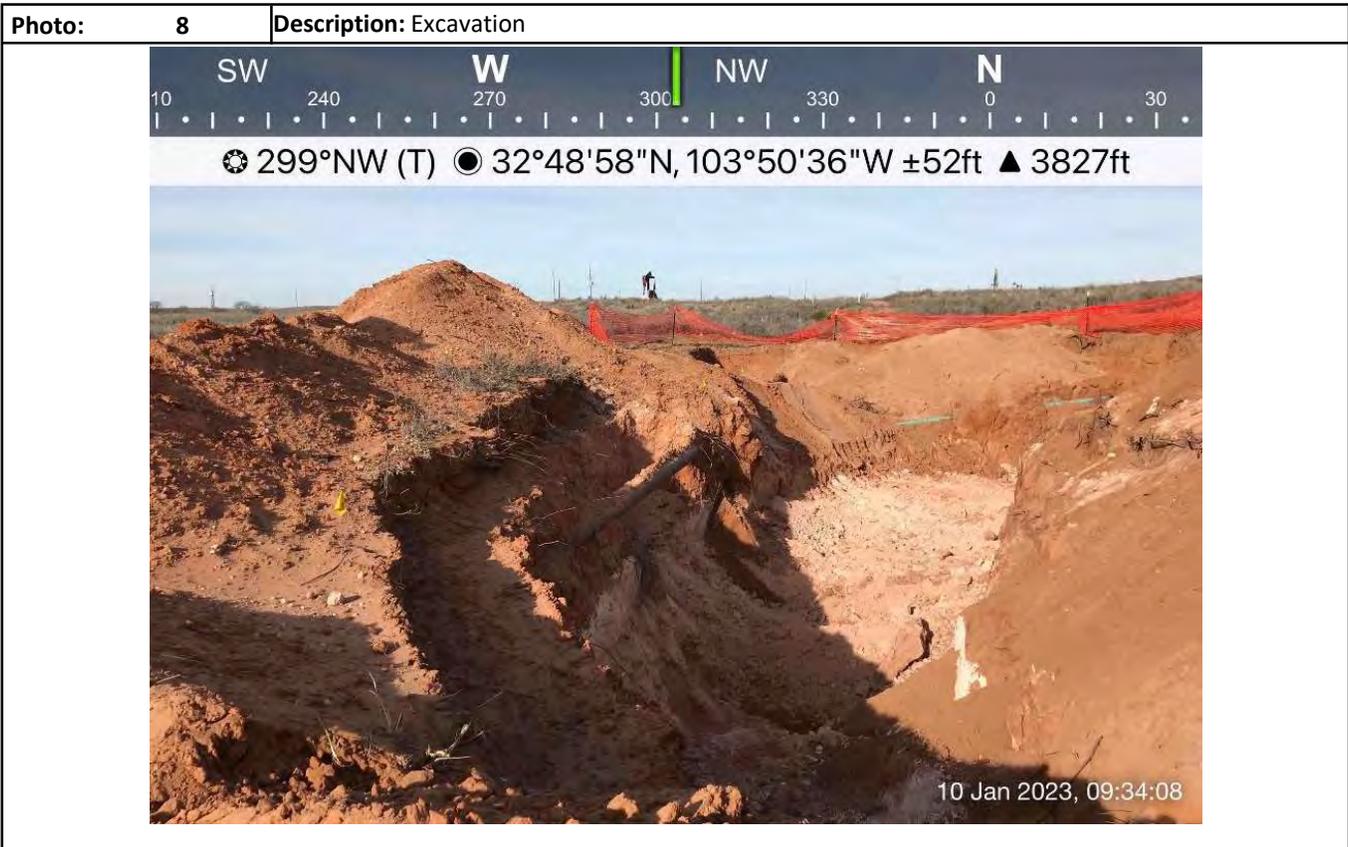
### Photographs



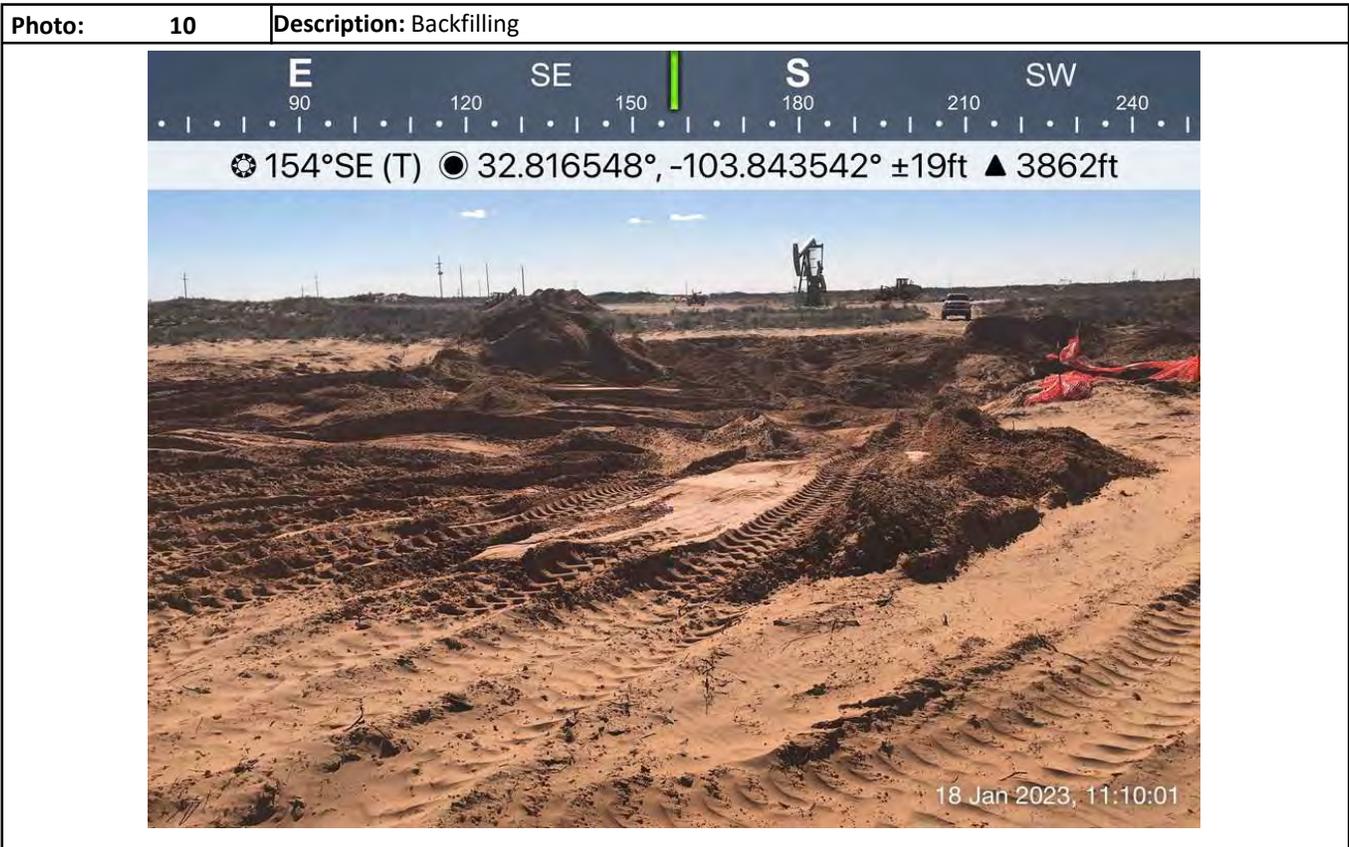
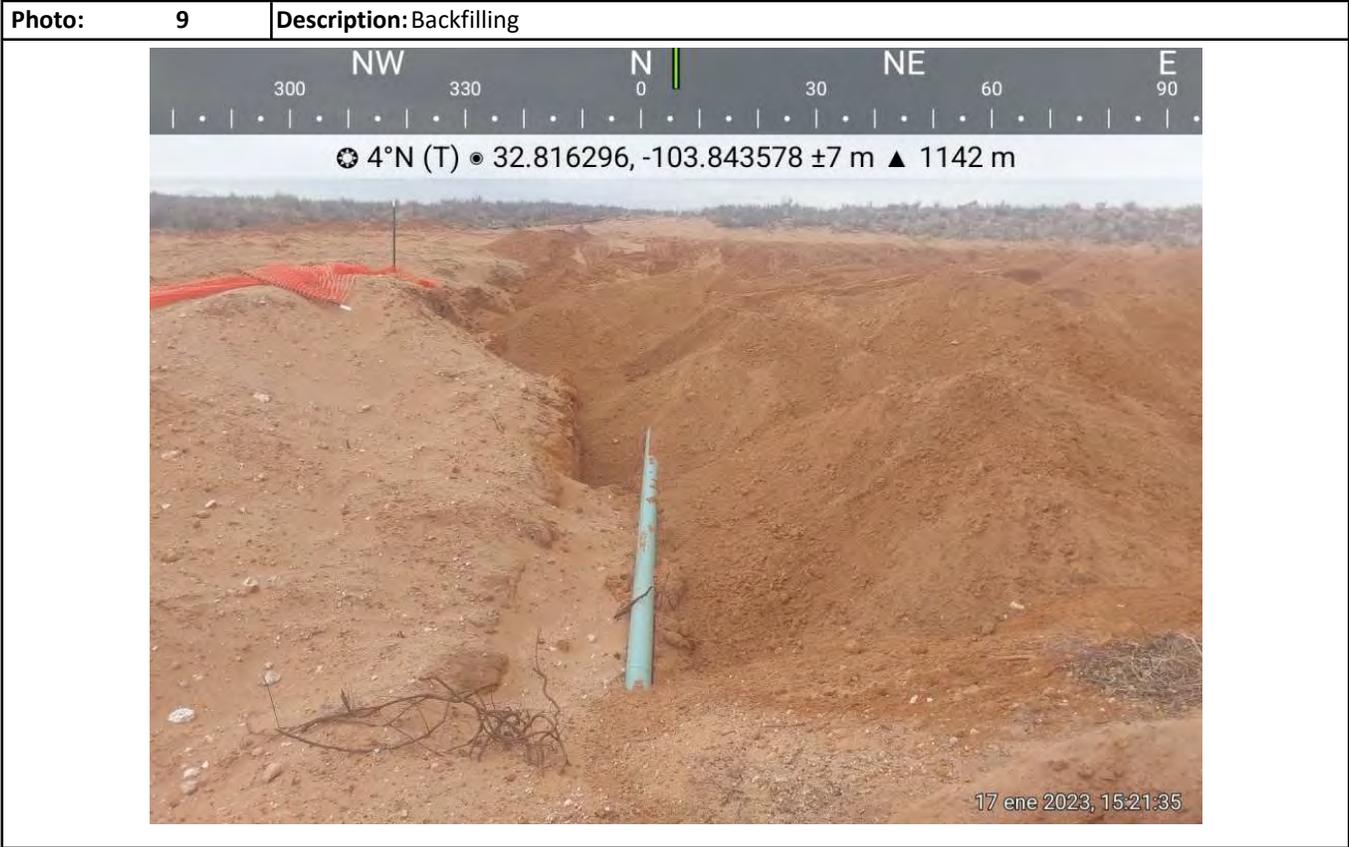
### Photographs



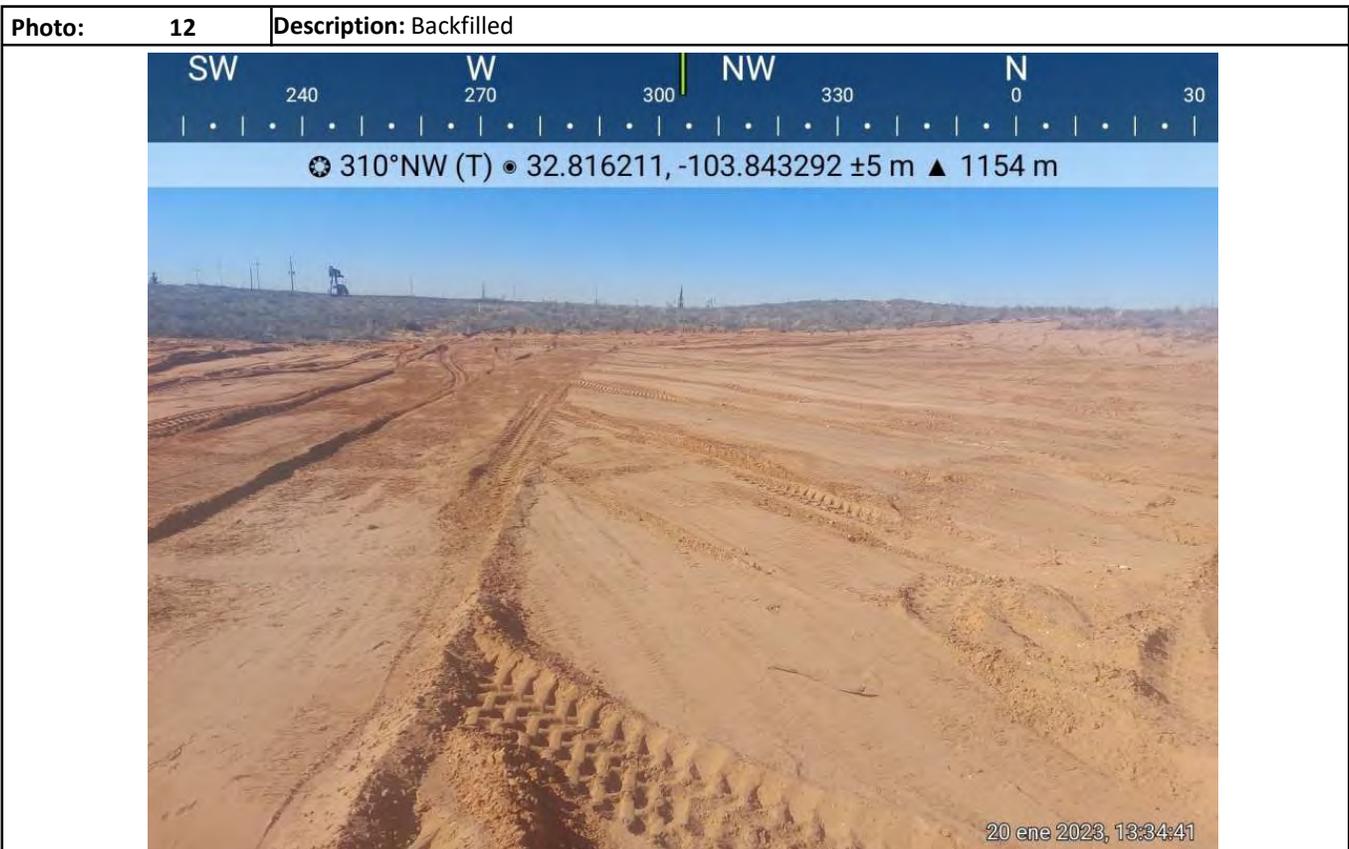
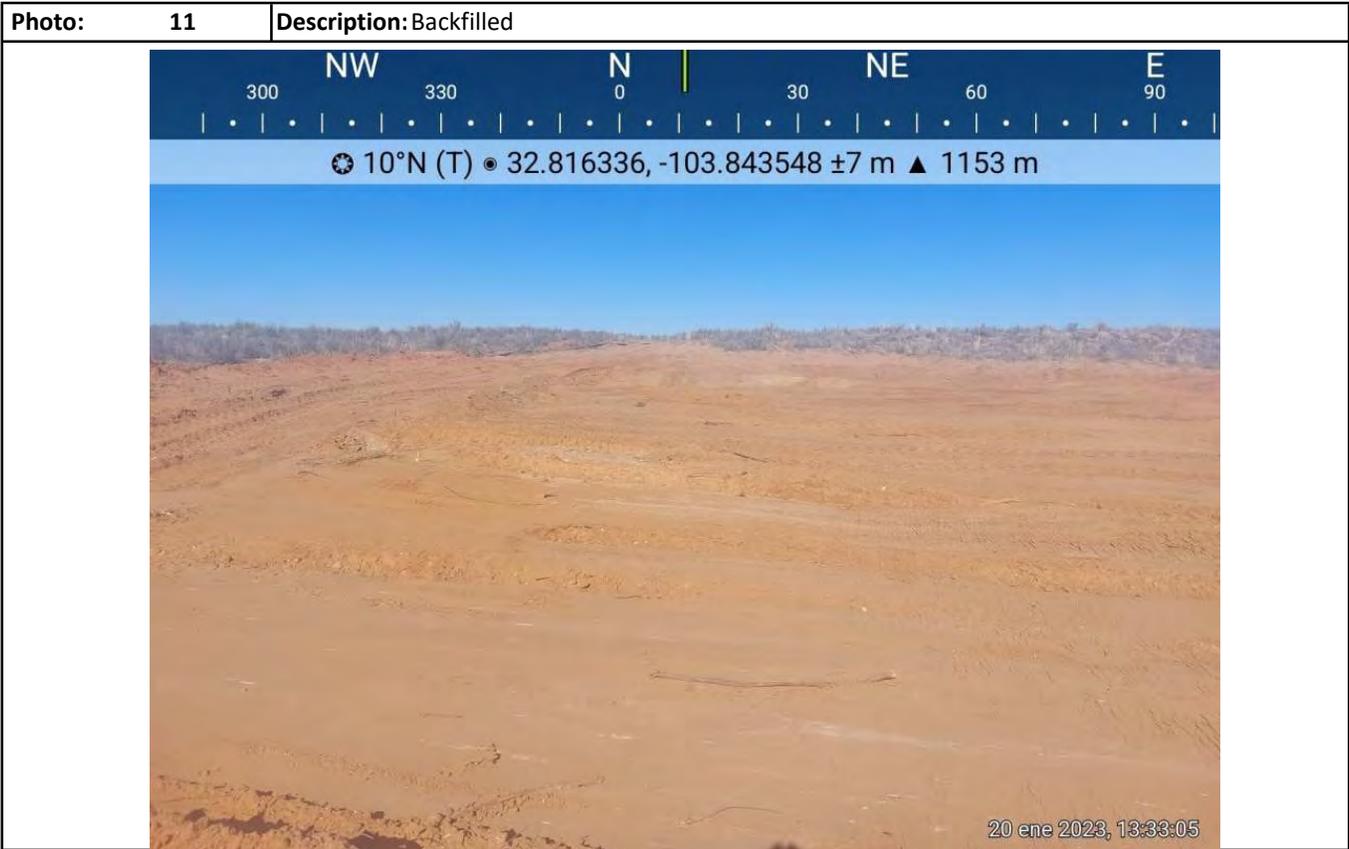
# Photographs



# Photographs



# Photographs



## **Attachment IV Depth to Groundwater**



---

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

---

No wells found.

**UTMNA83 Radius Search (in meters):**

**Easting (X):** 608256.71

**Northing (Y):** 3631529.65

**Radius:** 805

---

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

11/14/22 8:17 AM

WELLS WITH WELL LOG INFORMATION

## **Attachment V Field Data**





# **Attachment VI**

## **Laboratory Analytical Reports**



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

---

December 02, 2022

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: 6" TEXMACK

Enclosed are the results of analyses for samples received by the laboratory on 11/29/22 13:08.

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:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	6" TEXMACK	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: HZ 1 - SURF (H225578-01)**

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	11/30/2022	ND	1.85	92.6	2.00	1.59	
Toluene*	<0.050	0.050	11/30/2022	ND	2.10	105	2.00	0.873	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.13	107	2.00	0.882	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.52	109	6.00	0.518	
Total BTEX	<0.300	0.300	11/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/29/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	223	112	200	3.63	
DRO >C10-C28*	<10.0	10.0	11/30/2022	ND	205	102	200	4.88	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					

Surrogate: 1-Chlorooctane 90.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.2 % 46.3-178

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:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	6" TEXMACK	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: HZ 1 - 1' (H225578-02)**

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	11/30/2022	ND	1.85	92.6	2.00	1.59	
Toluene*	<0.050	0.050	11/30/2022	ND	2.10	105	2.00	0.873	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.13	107	2.00	0.882	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.52	109	6.00	0.518	
Total BTEX	<0.300	0.300	11/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/29/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	223	112	200	3.63	
DRO >C10-C28*	<10.0	10.0	11/30/2022	ND	205	102	200	4.88	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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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:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	6" TEXMACK	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: HZ 2 - SURF (H225578-03)**

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	11/30/2022	ND	1.85	92.6	2.00	1.59	
Toluene*	<0.050	0.050	11/30/2022	ND	2.10	105	2.00	0.873	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.13	107	2.00	0.882	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.52	109	6.00	0.518	
Total BTEX	<0.300	0.300	11/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/29/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	223	112	200	3.63	
DRO >C10-C28*	<10.0	10.0	11/30/2022	ND	205	102	200	4.88	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					

Surrogate: 1-Chlorooctane 98.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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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:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	6" TEXMACK	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: HZ 2 - 1' (H225578-04)**

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	11/30/2022	ND	1.85	92.6	2.00	1.59	
Toluene*	<0.050	0.050	11/30/2022	ND	2.10	105	2.00	0.873	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.13	107	2.00	0.882	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.52	109	6.00	0.518	
Total BTEX	<0.300	0.300	11/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/29/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	223	112	200	3.63	
DRO >C10-C28*	<10.0	10.0	11/30/2022	ND	205	102	200	4.88	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					

Surrogate: 1-Chlorooctane 87.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.9 % 46.3-178

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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:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	6" TEXMACK	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: HZ 3 - SURF (H225578-05)**

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	11/30/2022	ND	1.85	92.6	2.00	1.59	
Toluene*	<0.050	0.050	11/30/2022	ND	2.10	105	2.00	0.873	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.13	107	2.00	0.882	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.52	109	6.00	0.518	
Total BTEX	<0.300	0.300	11/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/29/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	223	112	200	3.63	
DRO >C10-C28*	<10.0	10.0	11/30/2022	ND	205	102	200	4.88	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					

Surrogate: 1-Chlorooctane 97.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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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:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	6" TEXMACK	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: HZ 3 - 1' (H225578-06)**

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	11/30/2022	ND	1.85	92.6	2.00	1.59	
Toluene*	<0.050	0.050	11/30/2022	ND	2.10	105	2.00	0.873	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.13	107	2.00	0.882	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.52	109	6.00	0.518	
Total BTEX	<0.300	0.300	11/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/30/2022	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	11/30/2022	ND	223	112	200	3.63	
DRO >C10-C28*	<10.0	10.0	11/30/2022	ND	205	102	200	4.88	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					

Surrogate: 1-Chlorooctane 92.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.6 % 46.3-178

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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:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	6" TEXMACK	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: HZ 4 - SURF (H225578-07)**

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	11/30/2022	ND	1.85	92.6	2.00	1.59	
Toluene*	<0.050	0.050	11/30/2022	ND	2.10	105	2.00	0.873	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.13	107	2.00	0.882	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.52	109	6.00	0.518	
Total BTEX	<0.300	0.300	11/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/30/2022	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	11/30/2022	ND	223	112	200	3.63	
DRO >C10-C28*	<10.0	10.0	11/30/2022	ND	205	102	200	4.88	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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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:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	6" TEXMACK	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: HZ 4 - 1' (H225578-08)**

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	11/30/2022	ND	1.85	92.6	2.00	1.59	
Toluene*	<0.050	0.050	11/30/2022	ND	2.10	105	2.00	0.873	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.13	107	2.00	0.882	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.52	109	6.00	0.518	
Total BTEX	<0.300	0.300	11/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/30/2022	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	11/30/2022	ND	223	112	200	3.63	
DRO >C10-C28*	<10.0	10.0	11/30/2022	ND	205	102	200	4.88	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					

Surrogate: 1-Chlorooctane 89.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.6 % 46.3-178

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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:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	6" TEXMACK	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: HZ 5 - SURF (H225578-09)**

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	11/30/2022	ND	1.85	92.6	2.00	1.59	
Toluene*	<0.050	0.050	11/30/2022	ND	2.10	105	2.00	0.873	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.13	107	2.00	0.882	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.52	109	6.00	0.518	
Total BTEX	<0.300	0.300	11/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/30/2022	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	11/30/2022	ND	223	112	200	3.63	
DRO >C10-C28*	<10.0	10.0	11/30/2022	ND	205	102	200	4.88	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					

Surrogate: 1-Chlorooctane 89.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.3 % 46.3-178

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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:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	6" TEXMACK	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: HZ 5 - 1' (H225578-10)**

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	11/30/2022	ND	1.85	92.6	2.00	1.59	
Toluene*	<0.050	0.050	11/30/2022	ND	2.10	105	2.00	0.873	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.13	107	2.00	0.882	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.52	109	6.00	0.518	
Total BTEX	<0.300	0.300	11/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/30/2022	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	11/30/2022	ND	223	112	200	3.63	
DRO >C10-C28*	<10.0	10.0	11/30/2022	ND	205	102	200	4.88	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					

Surrogate: 1-Chlorooctane 121 % 45.3-161

Surrogate: 1-Chlorooctadecane 131 % 46.3-178

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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:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	6" TEXMACK	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: SP 1 - SURF (H225578-11)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2022	ND	1.85	92.6	2.00	1.59	
Toluene*	<0.050	0.050	11/30/2022	ND	2.10	105	2.00	0.873	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.13	107	2.00	0.882	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.52	109	6.00	0.518	
Total BTEX	<0.300	0.300	11/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/30/2022	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	11/30/2022	ND	223	112	200	3.63	
<b>DRO &gt;C10-C28*</b>	<b>51.3</b>	10.0	11/30/2022	ND	205	102	200	4.88	
<b>EXT DRO &gt;C28-C36</b>	<b>30.9</b>	10.0	11/30/2022	ND					

Surrogate: 1-Chlorooctane 82.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.7 % 46.3-178

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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:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	6" TEXMACK	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: SP 2 - SURF (H225578-12)**

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	11/30/2022	ND	1.85	92.6	2.00	1.59	
Toluene*	<0.050	0.050	11/30/2022	ND	2.10	105	2.00	0.873	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.13	107	2.00	0.882	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.52	109	6.00	0.518	
Total BTEX	<0.300	0.300	11/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	11/30/2022	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	11/30/2022	ND	223	112	200	3.63	
DRO >C10-C28*	104	10.0	11/30/2022	ND	205	102	200	4.88	
EXT DRO >C28-C36	38.4	10.0	11/30/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

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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:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	6" TEXMACK	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: SP 3 - SURF (H225578-13)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.394</b>	0.200	11/30/2022	ND	1.85	92.6	2.00	1.59	
<b>Toluene*</b>	<b>6.28</b>	0.200	11/30/2022	ND	2.10	105	2.00	0.873	
<b>Ethylbenzene*</b>	<b>7.20</b>	0.200	11/30/2022	ND	2.13	107	2.00	0.882	
<b>Total Xylenes*</b>	<b>6.86</b>	0.600	11/30/2022	ND	6.52	109	6.00	0.518	
<b>Total BTEX</b>	<b>20.7</b>	1.20	11/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 69.9-140

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>1140</b>	16.0	11/30/2022	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	
<b>GRO C6-C10*</b>	<b>295</b>	50.0	11/30/2022	ND	223	112	200	3.63		
<b>DRO &gt;C10-C28*</b>	<b>6390</b>	50.0	11/30/2022	ND	205	102	200	4.88		
<b>EXT DRO &gt;C28-C36</b>	<b>1310</b>	50.0	11/30/2022	ND						

Surrogate: 1-Chlorooctane 145 % 45.3-161

Surrogate: 1-Chlorooctadecane 415 % 46.3-178

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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:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	6" TEXMACK	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: SP 4 - SURF (H225578-14)**

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	11/30/2022	ND	1.85	92.6	2.00	1.59	
Toluene*	<0.050	0.050	11/30/2022	ND	2.10	105	2.00	0.873	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.13	107	2.00	0.882	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.52	109	6.00	0.518	
Total BTEX	<0.300	0.300	11/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/30/2022	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	11/30/2022	ND	223	112	200	3.63	
DRO >C10-C28*	<10.0	10.0	11/30/2022	ND	205	102	200	4.88	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					

Surrogate: 1-Chlorooctane 99.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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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:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	6" TEXMACK	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: SP 5 - SURF (H225578-15)**

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>0.544</b>	0.050	11/30/2022	ND	1.85	92.6	2.00	1.59	
<b>Toluene*</b>	<b>9.74</b>	0.050	11/30/2022	ND	2.10	105	2.00	0.873	
<b>Ethylbenzene*</b>	<b>7.81</b>	0.050	11/30/2022	ND	2.13	107	2.00	0.882	
<b>Total Xylenes*</b>	<b>10.9</b>	0.150	11/30/2022	ND	6.52	109	6.00	0.518	
<b>Total BTEX</b>	<b>29.0</b>	0.300	11/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 155 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>2880</b>	16.0	11/30/2022	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
<b>GRO C6-C10*</b>	<b>214</b>	50.0	11/30/2022	ND	223	112	200	3.63	
<b>DRO &gt;C10-C28*</b>	<b>4560</b>	50.0	11/30/2022	ND	205	102	200	4.88	
<b>EXT DRO &gt;C28-C36</b>	<b>1190</b>	50.0	11/30/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 174 % 46.3-178

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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:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/02/2022	Sampling Type:	Soil
Project Name:	6" TEXMACK	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: SP 1 - 3' (H225578-16)**

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	11/30/2022	ND	1.85	92.6	2.00	1.59	
Toluene*	<0.050	0.050	11/30/2022	ND	2.10	105	2.00	0.873	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.13	107	2.00	0.882	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.52	109	6.00	0.518	
Total BTEX	<0.300	0.300	11/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/30/2022	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	11/30/2022	ND	223	112	200	3.63	
DRO >C10-C28*	<10.0	10.0	11/30/2022	ND	205	102	200	4.88	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					

Surrogate: 1-Chlorooctane 93.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**Company Name:** Hungry Horse LLC  
**Project Manager:** Daniel Dominguez  
**Address:** PO Box 1058  
**City:** Hobbs  
**State:** NM  
**Zip:** 88241  
**Phone #:** 575 393-3386  
**Fax #:**  
**Project #:**  
**Project Owner:** Frontier Field Services, LLC  
**Project Name:** 6" Texmack  
**Project Location:** U/L M Sec 23 T17S - R31E  
**Sampler Name:** Eli Dominguez  
**FOR LAB USE ONLY**

**BILL TO**  
**P.O. #:**  
**Company:** Frontier Field Services, LLC  
**Attn:** Amber Groves  
**Address:** 47 Conoco Rd  
**City:** Maljamar  
**State:** NM  
**Zip:** 88264  
**Phone #:** 575-703-7992  
**Fax #:**

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
1	HZ1-Surf	G	1	X						11/29/22		X	X	X
2	HZ1-1'	G	1	X						11/29/22		X	X	X
3	HZ2-Surf	G	1	X						11/29/22		X	X	X
4	HZ2-1'	G	1	X						11/29/22		X	X	X
5	HZ3-Surf	G	1	X						11/29/22		X	X	X
6	HZ3-1'	G	1	X						11/29/22		X	X	X
7	HZ4-Surf	G	1	X						11/29/22		X	X	X
8	HZ4-1'	G	1	X						11/29/22		X	X	X
9	HZ5-Surf	G	1	X						11/29/22		X	X	X
10	HZ5-1'	G	1	X						11/29/22		X	X	X

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**Relinquished By:** Eli Dominguez  
**Date:** 11/29/22  
**Time:** 1308  
**Received By:** Shodriqury  
**Date:**  
**Time:**

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

**Delivered By:** (Circle One) 2-30 C.O.U.  
**Sampler - UPS - Bus - Other:** 1-72 #113  
**Sample Condition:** Cool  Intact   
 Yes  No  
**CHECKED BY:** SR

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC  
 Project Manager: Daniel Dominguez  
 Address: PO Box 1058  
 City: Hobbs State: NM Zip: 88241  
 Phone #: 575 393-3386 Fax #:   
 Project #:   
 Project Name: 6" Texmack  
 Project Location: UL/ M Sec 23 T17S - R31E  
 Sampler Name: Eli Dominguez  
 P.O. #:   
 Company: Frontier Field Services, LLC  
 Attn: Amber Groves  
 Address: 47 Conoco Rd  
 City: Maljamar  
 State: NM Zip: 88264  
 Phone #: 575-703-7992  
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
11	SP1-Surf	G	1	X											
12	SP2-Surf	G	1	X											
13	SP3-Surf	G	1	X											
14	SP4-Surf	G	1	X											
15	SP5-Surf	G	1	X											
110	SP1-3'	G	1	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: *Eli Dominguez* Date: *11/29/22*  
 Relinquished By: *Eli Dominguez* Time: *1308*  
 Received By: *Shedding*  
 Date:   
 Time:   
 Received By:   
 Date:   
 Time:   
 Sample Condition:  Cool  Intact  
 Yes  No  Yes  No  
 CHECKED BY: *SR* (Initials)

REMARKS:  
 Email results to: [pm@hungry-horse.com](mailto:pm@hungry-horse.com)  
[agroves@durangomidstream.com](mailto:agroves@durangomidstream.com)

Delivered By: (Circle One) *UPS* *CO.U.S.*  
 Sampler - UPS - Bus - Other: *1.72 #113*  
 † Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



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

---

December 07, 2022

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: 6" TEXMACK

Enclosed are the results of analyses for samples received by the laboratory on 12/01/22 15:37.

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 "Mike Snyder".

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	12/01/2022	Sampling Date:	11/30/2022
Reported:	12/07/2022	Sampling Type:	Soil
Project Name:	6" TEXMACK	Sampling Condition:	Cool & Intact
Project Number:	UL/M SEC 23 T17S - R31E	Sample Received By:	Tamara Oldaker
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: SP 2 - 5' (H225646-01)**

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	12/03/2022	ND	2.07	103	2.00	9.13	
Toluene*	<0.050	0.050	12/03/2022	ND	2.18	109	2.00	9.59	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.20	110	2.00	9.25	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.63	111	6.00	9.71	
Total BTEX	<0.300	0.300	12/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

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	12/05/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2022	ND	196	97.9	200	3.14	
<b>DRO &gt;C10-C28*</b>	<b>21.1</b>	10.0	12/03/2022	ND	233	116	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	12/03/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

Cardinal Laboratories

\* = Accredited Analyte

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



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

**Analytical Results For:**

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

Received:	12/01/2022	Sampling Date:	11/30/2022
Reported:	12/07/2022	Sampling Type:	Soil
Project Name:	6" TEXMACK	Sampling Condition:	Cool & Intact
Project Number:	UL/M SEC 23 T17S - R31E	Sample Received By:	Tamara Oldaker
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: SP 3 - 11' (H225646-02)**

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	12/03/2022	ND	2.07	103	2.00	9.13	
Toluene*	<0.050	0.050	12/03/2022	ND	2.18	109	2.00	9.59	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.20	110	2.00	9.25	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.63	111	6.00	9.71	
Total BTEX	<0.300	0.300	12/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	12/05/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2022	ND	196	97.9	200	3.14	
DRO >C10-C28*	<10.0	10.0	12/03/2022	ND	233	116	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	12/03/2022	ND					

Surrogate: 1-Chlorooctane 96.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.1 % 46.3-178

Cardinal Laboratories

\* = Accredited Analyte

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



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

**Analytical Results For:**

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

Received:	12/01/2022	Sampling Date:	11/30/2022
Reported:	12/07/2022	Sampling Type:	Soil
Project Name:	6" TEXMACK	Sampling Condition:	Cool & Intact
Project Number:	UL/M SEC 23 T17S - R31E	Sample Received By:	Tamara Oldaker
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: SP 4 - 5' (H225646-03)**

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	12/03/2022	ND	2.07	103	2.00	9.13	
<b>Toluene*</b>	<b>0.105</b>	0.050	12/03/2022	ND	2.18	109	2.00	9.59	
<b>Ethylbenzene*</b>	<b>0.231</b>	0.050	12/03/2022	ND	2.20	110	2.00	9.25	
<b>Total Xylenes*</b>	<b>0.485</b>	0.150	12/03/2022	ND	6.63	111	6.00	9.71	
<b>Total BTEX</b>	<b>0.821</b>	0.300	12/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 69.9-140

Chloride, SM4500CI-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	12/05/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2022	ND	196	97.9	200	3.14	
DRO >C10-C28*	<10.0	10.0	12/03/2022	ND	233	116	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	12/03/2022	ND					

Surrogate: 1-Chlorooctane 88.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.3 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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



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

**Analytical Results For:**

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

Received:	12/01/2022	Sampling Date:	11/30/2022
Reported:	12/07/2022	Sampling Type:	Soil
Project Name:	6" TEXMACK	Sampling Condition:	Cool & Intact
Project Number:	UL/M SEC 23 T17S - R31E	Sample Received By:	Tamara Oldaker
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: SP 5 - 9' (H225646-04)**

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	12/03/2022	ND	2.07	103	2.00	9.13	
<b>Toluene*</b>	<b>0.237</b>	0.050	12/03/2022	ND	2.18	109	2.00	9.59	
<b>Ethylbenzene*</b>	<b>0.126</b>	0.050	12/03/2022	ND	2.20	110	2.00	9.25	
<b>Total Xylenes*</b>	<b>0.221</b>	0.150	12/03/2022	ND	6.63	111	6.00	9.71	
<b>Total BTEX</b>	<b>0.628</b>	0.300	12/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	12/05/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2022	ND	196	97.9	200	3.14	
DRO >C10-C28*	<10.0	10.0	12/03/2022	ND	233	116	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	12/03/2022	ND					

Surrogate: 1-Chlorooctane 90.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.8 % 46.3-178

Cardinal Laboratories

\* = Accredited Analyte

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



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

**Notes and Definitions**

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

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





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

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December 29, 2022

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: TEXMACK 6" STEEL LINE

Enclosed are the results of analyses for samples received by the laboratory on 12/22/22 15:46.

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:	12/22/2022	Sampling Date:	12/22/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: FL 1 - 2' (H226064-01)**

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	12/29/2022	ND	2.11	106	2.00	0.852	
Toluene*	<0.050	0.050	12/29/2022	ND	2.14	107	2.00	0.345	
Ethylbenzene*	<0.050	0.050	12/29/2022	ND	2.12	106	2.00	0.175	
Total Xylenes*	<0.150	0.150	12/29/2022	ND	6.36	106	6.00	0.703	
Total BTEX	<0.300	0.300	12/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>480</b>	16.0	12/27/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2022	ND	185	92.5	200	1.33	
<b>DRO &gt;C10-C28*</b>	<b>112</b>	10.0	12/27/2022	ND	193	96.3	200	0.255	
<b>EXT DRO &gt;C28-C36</b>	<b>27.3</b>	10.0	12/27/2022	ND					

Surrogate: 1-Chlorooctane 68.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 78.8 % 46.3-178

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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:	12/22/2022	Sampling Date:	12/22/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: FL 2 - 2' (H226064-02)**

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	12/29/2022	ND	2.11	106	2.00	0.852	
Toluene*	<0.050	0.050	12/29/2022	ND	2.14	107	2.00	0.345	
Ethylbenzene*	<0.050	0.050	12/29/2022	ND	2.12	106	2.00	0.175	
Total Xylenes*	<0.150	0.150	12/29/2022	ND	6.36	106	6.00	0.703	
Total BTEX	<0.300	0.300	12/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>640</b>	16.0	12/27/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2022	ND	185	92.5	200	1.33	
<b>DRO &gt;C10-C28*</b>	<b>128</b>	10.0	12/27/2022	ND	193	96.3	200	0.255	
<b>EXT DRO &gt;C28-C36</b>	<b>31.0</b>	10.0	12/27/2022	ND					

Surrogate: 1-Chlorooctane 72.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.5 % 46.3-178

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:	12/22/2022	Sampling Date:	12/22/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: FL 3 - 2' (H226064-03)**

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	12/29/2022	ND	2.11	106	2.00	0.852	
Toluene*	<0.050	0.050	12/29/2022	ND	2.14	107	2.00	0.345	
Ethylbenzene*	<0.050	0.050	12/29/2022	ND	2.12	106	2.00	0.175	
Total Xylenes*	<0.150	0.150	12/29/2022	ND	6.36	106	6.00	0.703	
Total BTEX	<0.300	0.300	12/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>352</b>	16.0	12/27/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2022	ND	185	92.5	200	1.33	
<b>DRO &gt;C10-C28*</b>	<b>30.4</b>	10.0	12/27/2022	ND	193	96.3	200	0.255	
EXT DRO >C28-C36	<10.0	10.0	12/27/2022	ND					

Surrogate: 1-Chlorooctane 65.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 72.3 % 46.3-178

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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:	12/22/2022	Sampling Date:	12/22/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: FL 4 - 2' (H226064-04)**

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	12/29/2022	ND	2.11	106	2.00	0.852	
Toluene*	<0.050	0.050	12/29/2022	ND	2.14	107	2.00	0.345	
Ethylbenzene*	<0.050	0.050	12/29/2022	ND	2.12	106	2.00	0.175	
Total Xylenes*	<0.150	0.150	12/29/2022	ND	6.36	106	6.00	0.703	
Total BTEX	<0.300	0.300	12/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>672</b>	16.0	12/27/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2022	ND	185	92.5	200	1.33	
<b>DRO &gt;C10-C28*</b>	<b>116</b>	10.0	12/27/2022	ND	193	96.3	200	0.255	
<b>EXT DRO &gt;C28-C36</b>	<b>25.8</b>	10.0	12/27/2022	ND					

Surrogate: 1-Chlorooctane 71.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.4 % 46.3-178

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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:	12/22/2022	Sampling Date:	12/22/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: FL 5 - 2' (H226064-05)**

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	12/29/2022	ND	2.11	106	2.00	0.852	
Toluene*	<0.050	0.050	12/29/2022	ND	2.14	107	2.00	0.345	
Ethylbenzene*	<0.050	0.050	12/29/2022	ND	2.12	106	2.00	0.175	
Total Xylenes*	<0.150	0.150	12/29/2022	ND	6.36	106	6.00	0.703	
Total BTEX	<0.300	0.300	12/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>528</b>	16.0	12/27/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2022	ND	185	92.5	200	1.33	
<b>DRO &gt;C10-C28*</b>	<b>59.9</b>	10.0	12/27/2022	ND	193	96.3	200	0.255	
<b>EXT DRO &gt;C28-C36</b>	<b>13.4</b>	10.0	12/27/2022	ND					

Surrogate: 1-Chlorooctane 70.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.7 % 46.3-178

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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:	12/22/2022	Sampling Date:	12/22/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: FL 6 - 5' (H226064-06)**

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	12/29/2022	ND	2.11	106	2.00	0.852	
Toluene*	<0.050	0.050	12/29/2022	ND	2.14	107	2.00	0.345	
Ethylbenzene*	<0.050	0.050	12/29/2022	ND	2.12	106	2.00	0.175	
Total Xylenes*	<0.150	0.150	12/29/2022	ND	6.36	106	6.00	0.703	
Total BTEX	<0.300	0.300	12/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>720</b>	16.0	12/27/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2022	ND	185	92.5	200	1.33	
<b>DRO &gt;C10-C28*</b>	<b>102</b>	10.0	12/27/2022	ND	193	96.3	200	0.255	
<b>EXT DRO &gt;C28-C36</b>	<b>27.0</b>	10.0	12/27/2022	ND					

Surrogate: 1-Chlorooctane 85.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.5 % 46.3-178

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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:	12/22/2022	Sampling Date:	12/22/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: FL 7 - 5' (H226064-07)**

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	12/29/2022	ND	2.11	106	2.00	0.852	
Toluene*	<0.050	0.050	12/29/2022	ND	2.14	107	2.00	0.345	
Ethylbenzene*	<0.050	0.050	12/29/2022	ND	2.12	106	2.00	0.175	
Total Xylenes*	<0.150	0.150	12/29/2022	ND	6.36	106	6.00	0.703	
Total BTEX	<0.300	0.300	12/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>608</b>	16.0	12/27/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2022	ND	185	92.5	200	1.33	
<b>DRO &gt;C10-C28*</b>	<b>116</b>	10.0	12/27/2022	ND	193	96.3	200	0.255	
<b>EXT DRO &gt;C28-C36</b>	<b>27.0</b>	10.0	12/27/2022	ND					

Surrogate: 1-Chlorooctane 76.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.6 % 46.3-178

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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:	12/22/2022	Sampling Date:	12/22/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: FL 8 - 11' (H226064-08)**

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	12/29/2022	ND	2.07	104	2.00	4.46	
Toluene*	<0.050	0.050	12/29/2022	ND	2.17	109	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/29/2022	ND	2.13	107	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/29/2022	ND	6.58	110	6.00	3.82	
Total BTEX	<0.300	0.300	12/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>864</b>	16.0	12/27/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2022	ND	185	92.5	200	1.33	
<b>DRO &gt;C10-C28*</b>	<b>120</b>	10.0	12/27/2022	ND	193	96.3	200	0.255	
<b>EXT DRO &gt;C28-C36</b>	<b>31.4</b>	10.0	12/27/2022	ND					

Surrogate: 1-Chlorooctane 70.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.0 % 46.3-178

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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:	12/22/2022	Sampling Date:	12/22/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: FL 9 - 11' (H226064-09)**

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	12/29/2022	ND	2.07	104	2.00	4.46	
Toluene*	<0.050	0.050	12/29/2022	ND	2.17	109	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/29/2022	ND	2.13	107	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/29/2022	ND	6.58	110	6.00	3.82	
Total BTEX	<0.300	0.300	12/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>576</b>	16.0	12/27/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2022	ND	185	92.5	200	1.33	
<b>DRO &gt;C10-C28*</b>	<b>32.3</b>	10.0	12/27/2022	ND	193	96.3	200	0.255	
EXT DRO >C28-C36	<10.0	10.0	12/27/2022	ND					

Surrogate: 1-Chlorooctane 69.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 75.6 % 46.3-178

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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:	12/22/2022	Sampling Date:	12/22/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: FL 10 - 11' (H226064-10)**

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	12/29/2022	ND	2.07	104	2.00	4.46	
Toluene*	<0.050	0.050	12/29/2022	ND	2.17	109	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/29/2022	ND	2.13	107	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/29/2022	ND	6.58	110	6.00	3.82	
Total BTEX	<0.300	0.300	12/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>656</b>	16.0	12/27/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2022	ND	185	92.5	200	1.33	
<b>DRO &gt;C10-C28*</b>	<b>104</b>	10.0	12/27/2022	ND	193	96.3	200	0.255	
<b>EXT DRO &gt;C28-C36</b>	<b>21.5</b>	10.0	12/27/2022	ND					

Surrogate: 1-Chlorooctane 90.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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**Analytical Results For:**

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

Received:	12/22/2022	Sampling Date:	12/22/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: FL 11 - 5' (H226064-11)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2022	ND	2.07	104	2.00	4.46	
Toluene*	<0.050	0.050	12/29/2022	ND	2.17	109	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/29/2022	ND	2.13	107	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/29/2022	ND	6.58	110	6.00	3.82	
Total BTEX	<0.300	0.300	12/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>576</b>	16.0	12/27/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2022	ND	185	92.5	200	1.33	
<b>DRO &gt;C10-C28*</b>	<b>113</b>	10.0	12/27/2022	ND	193	96.3	200	0.255	
<b>EXT DRO &gt;C28-C36</b>	<b>26.7</b>	10.0	12/27/2022	ND					

Surrogate: 1-Chlorooctane 81.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.5 % 46.3-178

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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:	12/22/2022	Sampling Date:	12/22/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: FL 12 - 5' (H226064-12)**

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	12/29/2022	ND	2.07	104	2.00	4.46	
Toluene*	<0.050	0.050	12/29/2022	ND	2.17	109	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/29/2022	ND	2.13	107	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/29/2022	ND	6.58	110	6.00	3.82	
Total BTEX	<0.300	0.300	12/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1880</b>	16.0	12/27/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2022	ND	185	92.5	200	1.33	
<b>DRO &gt;C10-C28*</b>	<b>165</b>	10.0	12/27/2022	ND	193	96.3	200	0.255	
<b>EXT DRO &gt;C28-C36</b>	<b>40.7</b>	10.0	12/27/2022	ND					

Surrogate: 1-Chlorooctane 74.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.0 % 46.3-178

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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:	12/22/2022	Sampling Date:	12/22/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: FL 13 - 5' (H226064-13)**

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	12/29/2022	ND	2.07	104	2.00	4.46	
Toluene*	<0.050	0.050	12/29/2022	ND	2.17	109	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/29/2022	ND	2.13	107	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/29/2022	ND	6.58	110	6.00	3.82	
Total BTEX	<0.300	0.300	12/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>192</b>	16.0	12/27/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2022	ND	185	92.5	200	1.33	
<b>DRO &gt;C10-C28*</b>	<b>151</b>	10.0	12/27/2022	ND	193	96.3	200	0.255	
<b>EXT DRO &gt;C28-C36</b>	<b>39.2</b>	10.0	12/27/2022	ND					

Surrogate: 1-Chlorooctane 73.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.8 % 46.3-178

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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:	12/22/2022	Sampling Date:	12/22/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: FL 14 - 9' (H226064-14)**

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	12/29/2022	ND	2.07	104	2.00	4.46	
Toluene*	<0.050	0.050	12/29/2022	ND	2.17	109	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/29/2022	ND	2.13	107	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/29/2022	ND	6.58	110	6.00	3.82	
Total BTEX	<0.300	0.300	12/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>384</b>	16.0	12/27/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2022	ND	182	91.0	200	0.221	
<b>DRO &gt;C10-C28*</b>	<b>76.8</b>	10.0	12/27/2022	ND	176	88.1	200	1.07	
<b>EXT DRO &gt;C28-C36</b>	<b>16.1</b>	10.0	12/27/2022	ND					

Surrogate: 1-Chlorooctane 88.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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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:	12/22/2022	Sampling Date:	12/22/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: FL 15 - 9' (H226064-15)**

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	12/29/2022	ND	2.07	104	2.00	4.46	
Toluene*	<0.050	0.050	12/29/2022	ND	2.17	109	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/29/2022	ND	2.13	107	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/29/2022	ND	6.58	110	6.00	3.82	
Total BTEX	<0.300	0.300	12/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>864</b>	16.0	12/27/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2022	ND	182	91.0	200	0.221	
<b>DRO &gt;C10-C28*</b>	<b>120</b>	10.0	12/27/2022	ND	176	88.1	200	1.07	
<b>EXT DRO &gt;C28-C36</b>	<b>31.4</b>	10.0	12/27/2022	ND					

Surrogate: 1-Chlorooctane 78.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.6 % 46.3-178

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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:	12/22/2022	Sampling Date:	12/22/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: FL 16 - 9' (H226064-16)**

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	12/29/2022	ND	2.07	104	2.00	4.46	
Toluene*	<0.050	0.050	12/29/2022	ND	2.17	109	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/29/2022	ND	2.13	107	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/29/2022	ND	6.58	110	6.00	3.82	
Total BTEX	<0.300	0.300	12/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>96.0</b>	16.0	12/27/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2022	ND	182	91.0	200	0.221	
<b>DRO &gt;C10-C28*</b>	<b>20.1</b>	10.0	12/27/2022	ND	176	88.1	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	12/27/2022	ND					

Surrogate: 1-Chlorooctane 78.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.7 % 46.3-178

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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:	12/22/2022	Sampling Date:	12/22/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: SW 1 - 1' (H226064-17)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2022	ND	2.07	104	2.00	4.46	
<b>Toluene*</b>	<b>0.878</b>	0.050	12/29/2022	ND	2.17	109	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/29/2022	ND	2.13	107	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/29/2022	ND	6.58	110	6.00	3.82	
<b>Total BTEX</b>	<b>0.878</b>	0.300	12/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>816</b>	16.0	12/27/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2022	ND	182	91.0	200	0.221	
<b>DRO &gt;C10-C28*</b>	<b>953</b>	10.0	12/27/2022	ND	176	88.1	200	1.07	
<b>EXT DRO &gt;C28-C36</b>	<b>237</b>	10.0	12/27/2022	ND					

Surrogate: 1-Chlorooctane 84.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 134 % 46.3-178

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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:	12/22/2022	Sampling Date:	12/22/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: SW 2 - 3' (H226064-18)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2022	ND	2.07	104	2.00	4.46	
<b>Toluene*</b>	<b>0.368</b>	0.050	12/29/2022	ND	2.17	109	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/29/2022	ND	2.13	107	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/29/2022	ND	6.58	110	6.00	3.82	
<b>Total BTEX</b>	<b>0.368</b>	0.300	12/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>688</b>	16.0	12/27/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2022	ND	182	91.0	200	0.221	
<b>DRO &gt;C10-C28*</b>	<b>286</b>	10.0	12/27/2022	ND	176	88.1	200	1.07	
<b>EXT DRO &gt;C28-C36</b>	<b>102</b>	10.0	12/27/2022	ND					

Surrogate: 1-Chlorooctane 75.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.9 % 46.3-178

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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:	12/22/2022	Sampling Date:	12/22/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: SW 3 - 3' (H226064-19)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2022	ND	2.07	104	2.00	4.46	
Toluene*	<0.050	0.050	12/29/2022	ND	2.17	109	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/29/2022	ND	2.13	107	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/29/2022	ND	6.58	110	6.00	3.82	
Total BTEX	<0.300	0.300	12/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/27/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2022	ND	182	91.0	200	0.221	
DRO >C10-C28*	<10.0	10.0	12/27/2022	ND	176	88.1	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	12/27/2022	ND					

Surrogate: 1-Chlorooctane 88.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.8 % 46.3-178

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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:	12/22/2022	Sampling Date:	12/22/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: SW 4 - 3' (H226064-20)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2022	ND	2.07	104	2.00	4.46	
<b>Toluene*</b>	<b>0.458</b>	0.050	12/29/2022	ND	2.17	109	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/29/2022	ND	2.13	107	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/29/2022	ND	6.58	110	6.00	3.82	
<b>Total BTEX</b>	<b>0.458</b>	0.300	12/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	12/27/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2022	ND	182	91.0	200	0.221	
<b>DRO &gt;C10-C28*</b>	<b>230</b>	10.0	12/27/2022	ND	176	88.1	200	1.07	
<b>EXT DRO &gt;C28-C36</b>	<b>73.5</b>	10.0	12/27/2022	ND					

Surrogate: 1-Chlorooctane 78.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.4 % 46.3-178

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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:	12/22/2022	Sampling Date:	12/22/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: SW 5 - 3' (H226064-21)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2022	ND	2.07	104	2.00	4.46	
<b>Toluene*</b>	<b>0.146</b>	0.050	12/29/2022	ND	2.17	109	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/29/2022	ND	2.13	107	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/29/2022	ND	6.58	110	6.00	3.82	
Total BTEX	<0.300	0.300	12/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>128</b>	16.0	12/27/2022	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	12/27/2022	ND	182	91.0	200	0.221	
DRO >C10-C28*	<10.0	10.0	12/27/2022	ND	176	88.1	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	12/27/2022	ND					

Surrogate: 1-Chlorooctane 78.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.6 % 46.3-178

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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:	12/22/2022	Sampling Date:	12/22/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: SW 6 - 3' (H226064-22)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2022	ND	2.07	104	2.00	4.46	
Toluene*	<0.050	0.050	12/29/2022	ND	2.17	109	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/29/2022	ND	2.13	107	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/29/2022	ND	6.58	110	6.00	3.82	
Total BTEX	<0.300	0.300	12/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>672</b>	16.0	12/27/2022	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	12/27/2022	ND	182	91.0	200	0.221	
<b>DRO &gt;C10-C28*</b>	<b>251</b>	10.0	12/27/2022	ND	176	88.1	200	1.07	
<b>EXT DRO &gt;C28-C36</b>	<b>79.4</b>	10.0	12/27/2022	ND					

Surrogate: 1-Chlorooctane 81.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.5 % 46.3-178

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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:	12/22/2022	Sampling Date:	12/22/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: SW 7 - 3' (H226064-23)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2022	ND	2.07	104	2.00	4.46	
<b>Toluene*</b>	<b>0.714</b>	0.050	12/29/2022	ND	2.17	109	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/29/2022	ND	2.13	107	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/29/2022	ND	6.58	110	6.00	3.82	
<b>Total BTEX</b>	<b>0.714</b>	0.300	12/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>848</b>	16.0	12/27/2022	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	12/27/2022	ND	182	91.0	200	0.221	
<b>DRO &gt;C10-C28*</b>	<b>506</b>	10.0	12/27/2022	ND	176	88.1	200	1.07	
<b>EXT DRO &gt;C28-C36</b>	<b>143</b>	10.0	12/27/2022	ND					

Surrogate: 1-Chlorooctane 75.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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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:	12/22/2022	Sampling Date:	12/22/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: SW 8 - 3' (H226064-24)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2022	ND	2.07	104	2.00	4.46	
<b>Toluene*</b>	<b>1.23</b>	0.050	12/29/2022	ND	2.17	109	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/29/2022	ND	2.13	107	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/29/2022	ND	6.58	110	6.00	3.82	
<b>Total BTEX</b>	<b>1.23</b>	0.300	12/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>128</b>	16.0	12/27/2022	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	12/27/2022	ND	182	91.0	200	0.221	
<b>DRO &gt;C10-C28*</b>	<b>332</b>	10.0	12/27/2022	ND	176	88.1	200	1.07	
<b>EXT DRO &gt;C28-C36</b>	<b>71.2</b>	10.0	12/27/2022	ND					

Surrogate: 1-Chlorooctane 83.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**BILL TO**

**ANALYSIS REQUEST**

Company Name: Hungry Horse LLC  
 Project Manager: Daniel Dominguez  
 Address: PO Box 1058  
 City: Hobbs State: NM Zip: 88241  
 Phone #: 575 393-3386 Fax #:   
 Project #: Project Owner: Frontier Field Services, LLC  
 Project Name: Texmack 6" Steel Line  
 Project Location: U/L M Sec 23 T17S - R31E  
 Sampler Name: Daniel Dominguez  
 P.O. #: Company: Frontier Field Services, LLC  
 Atrn: Amber Groves  
 Address: 47 Conoco Rd  
 City: Maljamar  
 State: NM Zip: 88264  
 Phone #: 575-703-7992  
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
1	FL1-2'	C	1	X						12/22/22		X	X	
2	FL2-2'	C	1	X						12/22/22		X	X	
3	FL3-2'	C	1	X						12/22/22		X	X	
4	FL4-2'	C	1	X						12/22/22		X	X	
5	FL5-2'	C	1	X						12/22/22		X	X	
6	FL6-5'	C	1	X						12/22/22		X	X	
7	FL7-5'	C	1	X						12/22/22		X	X	
8	FL8-11'	C	1	X						12/22/22		X	X	
9	FL9-11'	C	1	X						12/22/22		X	X	
10	FL10-11'	C	1	X						12/22/22		X	X	

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Relinquished By: *[Signature]* Date: 1/22/22  
 Received By: *[Signature]* Date: 1/14/22  
 Relinquished By: *[Signature]* Date:   
 Received By: *[Signature]* Date:   
 Delivered By: (Circle One)  Cool  Intact  
 Sampler - Ups - Bus - Other: -2.30 / -2.90  
 Sample Condition:  Yes  No  
 CHECKED BY: *[Signature]*

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

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



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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: Hungry Horse LLC		P.O. #: _____		<b>BILL TO</b>		ANALYSIS REQUEST							
Project Manager: Daniel Dominguez		Company: Frontier Field Services, LLC		Frontier Field Services, LLC									
Address: PO Box 1058		City: Hobbs		State: NM		Zip: 88241		Attn: Amber Groves		Address: 47 Conoco Rd			
Phone #: 575 393-3386		Fax #: _____		Project Owner: Frontier Field Services, LLC		City: Maljamar		State: NM		Zip: 88264			
Project Name: Texnack 6" Steel Line		Project Location: U/L M Sec 23 T17S - R31E		Phone #: 575-703-7992		Fax #: _____		Sample Name: Daniel Dominguez					

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
FL11-5'		C	1	X						12/22/22		X	X	X
FL12-5'		C	1	X						12/22/22		X	X	X
FL13-5'		C	1	X						12/22/22		X	X	X
FL14-9'		C	1	X						12/22/22		X	X	X
FL15-9'		C	1	X						12/22/22		X	X	X
FL16-9'		C	1	X						12/22/22		X	X	X

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Relinquished By: _____	Date: 2/12/22	Received By: _____	Date: 1/5/22
Relinquished By: _____	Time: 1546	Received By: _____	Time: _____

Delivered By: (Circle One)  UPS  Bus  Other: \_\_\_\_\_

Sample Condition:  Cool  Intact  Yes  No

Checked By: \_\_\_\_\_ (Initials)

REMARKS: \_\_\_\_\_

Email results to: pm@hungry-horse.com  
 agroves@durangomidstream.com

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



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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

<b>Company Name:</b> Hungry Horse LLC	<b>BILL TO</b>
<b>Project Manager:</b> Daniel Dominguez	<b>P.O. #:</b>
<b>Address:</b> PO Box 1058	<b>Company:</b> Frontier Field Services, LLC
<b>City:</b> Hobbs	<b>Attn:</b> Amber Groves
<b>State:</b> NM	<b>Address:</b> 47 Conocco Rd
<b>Zip:</b> 88241	<b>City:</b> Maljamar
<b>Phone #:</b> 575 393-3386	<b>State:</b> NM
<b>Fax #:</b>	<b>Zip:</b> 88264
<b>Project #:</b>	<b>Project Owner:</b> Frontier Field Services, LLC
<b>Project Name:</b> Texmack 6" Steel Line	<b>Phone #:</b> 575-703-7992
<b>Project Location:</b> UL/ M Sec 23 T17S - R31E	<b>Fax #:</b>
<b>Sampler Name:</b> Daniel Dominguez	

<b>FOR LAB USE ONLY</b>	<b>MATRIX</b>
<b>Lab I.D.:</b> H226064	<b>Sample I.D.:</b>
<b>SW1-1'</b>	(G)RAB OR (C)OMP.
<b>SW2-3'</b>	# CONTAINERS
<b>SW3-3'</b>	GROUNDWATER
<b>SW4-3'</b>	WASTEWATER
<b>SW5-3'</b>	SOIL
<b>SW6-3'</b>	OIL
<b>SW7-3'</b>	SLUDGE
<b>SW8-3'</b>	OTHER :
	ACID/BASE:
	ICE / COOL
	OTHER :
	<b>DATE</b>
	<b>TIME</b>
	<b>Chloride</b>
	<b>TPH</b>
	<b>BTEX 8021</b>

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH	BTEX 8021
H226064	SW1-1'	C	1	X									12/22/22		X	X	X
18	SW2-3'	C	1	X									12/22/22		X	X	X
19	SW3-3'	C	1	X									12/22/22		X	X	X
20	SW4-3'	C	1	X									12/22/22		X	X	X
21	SW5-3'	C	1	X									12/22/22		X	X	X
22	SW6-3'	C	1	X									12/22/22		X	X	X
23	SW7-3'	C	1	X									12/22/22		X	X	X
24	SW8-3'	C	1	X									12/22/22		X	X	X

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<b>Relinquished By:</b> [Signature]	<b>Date:</b> 12/22/22	<b>Received By:</b> [Signature]	<b>Date:</b> 12/22/22
<b>Relinquished By:</b> [Signature]	<b>Date:</b> 12/22/22	<b>Received By:</b> [Signature]	<b>Date:</b> 12/22/22

<b>Delivered By: (Circle One)</b>	<b>Sample Condition</b>	<b>CHECKED BY:</b>
UPS <input checked="" type="checkbox"/> Bus <input type="checkbox"/> Other: -2.3% / -2.9%	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	[Signature]
	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	(Initials)

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

**REMARKS:**  
 Email results to: pm@hungry-horse.com  
 agroves@durangomidstream.com



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

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January 09, 2023

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: TEXMACK 6" STEEL LINE

Enclosed are the results of analyses for samples received by the laboratory on 01/06/23 13:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [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:	01/06/2023	Sampling Date:	01/06/2023
Reported:	01/09/2023	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: SW 1 B (H230071-01)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2023	ND	2.01	101	2.00	3.14	
Toluene*	<0.050	0.050	01/08/2023	ND	2.18	109	2.00	3.46	
Ethylbenzene*	<0.050	0.050	01/08/2023	ND	2.15	107	2.00	3.61	
Total Xylenes*	<0.150	0.150	01/08/2023	ND	6.62	110	6.00	3.84	
Total BTEX	<0.300	0.300	01/08/2023	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	01/06/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2023	ND	203	102	200	2.75	
DRO >C10-C28*	<10.0	10.0	01/06/2023	ND	210	105	200	0.217	
EXT DRO >C28-C36	<10.0	10.0	01/06/2023	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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:	01/06/2023	Sampling Date:	01/06/2023
Reported:	01/09/2023	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: SW 2 B (H230071-02)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2023	ND	2.01	101	2.00	3.14	
Toluene*	<0.050	0.050	01/08/2023	ND	2.18	109	2.00	3.46	
Ethylbenzene*	<0.050	0.050	01/08/2023	ND	2.15	107	2.00	3.61	
Total Xylenes*	<0.150	0.150	01/08/2023	ND	6.62	110	6.00	3.84	
Total BTEX	<0.300	0.300	01/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 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	01/06/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2023	ND	203	102	200	2.75	
DRO >C10-C28*	<10.0	10.0	01/06/2023	ND	210	105	200	0.217	
EXT DRO >C28-C36	<10.0	10.0	01/06/2023	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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:	01/06/2023	Sampling Date:	01/06/2023
Reported:	01/09/2023	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: SW 4 B (H230071-03)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2023	ND	2.15	107	2.00	8.44	
Toluene*	<0.050	0.050	01/07/2023	ND	2.17	108	2.00	8.06	
Ethylbenzene*	<0.050	0.050	01/07/2023	ND	2.16	108	2.00	8.78	
Total Xylenes*	<0.150	0.150	01/07/2023	ND	6.58	110	6.00	10.1	
Total BTEX	<0.300	0.300	01/07/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/06/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2023	ND	203	102	200	2.75	
DRO >C10-C28*	<10.0	10.0	01/06/2023	ND	210	105	200	0.217	
EXT DRO >C28-C36	<10.0	10.0	01/06/2023	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/06/2023	Sampling Date:	01/06/2023
Reported:	01/09/2023	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: SW 6 B (H230071-04)**

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	01/07/2023	ND	2.15	107	2.00	8.44	
Toluene*	<0.050	0.050	01/07/2023	ND	2.17	108	2.00	8.06	
Ethylbenzene*	<0.050	0.050	01/07/2023	ND	2.16	108	2.00	8.78	
Total Xylenes*	<0.150	0.150	01/07/2023	ND	6.58	110	6.00	10.1	
Total BTEX	<0.300	0.300	01/07/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/06/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2023	ND	203	102	200	2.75	
DRO >C10-C28*	<10.0	10.0	01/06/2023	ND	210	105	200	0.217	
EXT DRO >C28-C36	<10.0	10.0	01/06/2023	ND					

Surrogate: 1-Chlorooctane 97.6 % 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:	01/06/2023	Sampling Date:	01/06/2023
Reported:	01/09/2023	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: SW 7 B (H230071-05)**

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	01/07/2023	ND	2.15	107	2.00	8.44		
Toluene*	<0.050	0.050	01/07/2023	ND	2.17	108	2.00	8.06		
Ethylbenzene*	<0.050	0.050	01/07/2023	ND	2.16	108	2.00	8.78		
Total Xylenes*	<0.150	0.150	01/07/2023	ND	6.58	110	6.00	10.1		
Total BTEX	<0.300	0.300	01/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/06/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/06/2023	ND	203	102	200	2.75		
DRO >C10-C28*	<10.0	10.0	01/06/2023	ND	210	105	200	0.217		
EXT DRO >C28-C36	<10.0	10.0	01/06/2023	ND						

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/06/2023	Sampling Date:	01/06/2023
Reported:	01/09/2023	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: SW 8 B (H230071-06)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2023	ND	2.15	107	2.00	8.44	
Toluene*	<0.050	0.050	01/07/2023	ND	2.17	108	2.00	8.06	
Ethylbenzene*	<0.050	0.050	01/07/2023	ND	2.16	108	2.00	8.78	
Total Xylenes*	<0.150	0.150	01/07/2023	ND	6.58	110	6.00	10.1	
Total BTEX	<0.300	0.300	01/07/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/06/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2023	ND	203	102	200	2.75	
DRO >C10-C28*	<10.0	10.0	01/06/2023	ND	210	105	200	0.217	
EXT DRO >C28-C36	<10.0	10.0	01/06/2023	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/06/2023	Sampling Date:	01/06/2023
Reported:	01/09/2023	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: FL 1 B (H230071-07)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2023	ND	2.15	107	2.00	8.44	
Toluene*	<0.050	0.050	01/07/2023	ND	2.17	108	2.00	8.06	
Ethylbenzene*	<0.050	0.050	01/07/2023	ND	2.16	108	2.00	8.78	
Total Xylenes*	<0.150	0.150	01/07/2023	ND	6.58	110	6.00	10.1	
Total BTEX	<0.300	0.300	01/07/2023	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	32.0	16.0	01/06/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2023	ND	203	102	200	2.75	
DRO >C10-C28*	<10.0	10.0	01/06/2023	ND	210	105	200	0.217	
EXT DRO >C28-C36	<10.0	10.0	01/06/2023	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/06/2023	Sampling Date:	01/06/2023
Reported:	01/09/2023	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: FL 2 B (H230071-08)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2023	ND	2.15	107	2.00	8.44	
Toluene*	<0.050	0.050	01/07/2023	ND	2.17	108	2.00	8.06	
Ethylbenzene*	<0.050	0.050	01/07/2023	ND	2.16	108	2.00	8.78	
Total Xylenes*	<0.150	0.150	01/07/2023	ND	6.58	110	6.00	10.1	
Total BTEX	<0.300	0.300	01/07/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/06/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2023	ND	203	102	200	2.75	
DRO >C10-C28*	<10.0	10.0	01/06/2023	ND	210	105	200	0.217	
EXT DRO >C28-C36	<10.0	10.0	01/06/2023	ND					

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/06/2023	Sampling Date:	01/06/2023
Reported:	01/09/2023	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: FL 4 B (H230071-09)**

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	01/07/2023	ND	2.15	107	2.00	8.44	
Toluene*	<0.050	0.050	01/07/2023	ND	2.17	108	2.00	8.06	
Ethylbenzene*	<0.050	0.050	01/07/2023	ND	2.16	108	2.00	8.78	
Total Xylenes*	<0.150	0.150	01/07/2023	ND	6.58	110	6.00	10.1	
Total BTEX	<0.300	0.300	01/07/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/06/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2023	ND	203	102	200	2.75	
DRO >C10-C28*	<10.0	10.0	01/06/2023	ND	210	105	200	0.217	
EXT DRO >C28-C36	<10.0	10.0	01/06/2023	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/06/2023	Sampling Date:	01/06/2023
Reported:	01/09/2023	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: FL 6 B (H230071-10)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2023	ND	2.15	107	2.00	8.44	
Toluene*	<0.050	0.050	01/07/2023	ND	2.17	108	2.00	8.06	
Ethylbenzene*	<0.050	0.050	01/07/2023	ND	2.16	108	2.00	8.78	
Total Xylenes*	<0.150	0.150	01/07/2023	ND	6.58	110	6.00	10.1	
Total BTEX	<0.300	0.300	01/07/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>240</b>	16.0	01/06/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2023	ND	203	102	200	2.75	
<b>DRO &gt;C10-C28*</b>	<b>31.7</b>	10.0	01/06/2023	ND	210	105	200	0.217	
EXT DRO >C28-C36	<10.0	10.0	01/06/2023	ND					

Surrogate: 1-Chlorooctane 92.4 % 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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**Analytical Results For:**

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

Received:	01/06/2023	Sampling Date:	01/06/2023
Reported:	01/09/2023	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: FL 7 B (H230071-11)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2023	ND	2.03	101	2.00	6.92	
Toluene*	<0.050	0.050	01/08/2023	ND	2.22	111	2.00	7.77	
Ethylbenzene*	<0.050	0.050	01/08/2023	ND	2.19	110	2.00	7.64	
Total Xylenes*	<0.150	0.150	01/08/2023	ND	6.82	114	6.00	8.39	
Total BTEX	<0.300	0.300	01/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 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
<b>Chloride</b>	<b>368</b>	16.0	01/06/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2023	ND	203	102	200	2.75	
<b>DRO &gt;C10-C28*</b>	<b>45.7</b>	10.0	01/06/2023	ND	210	105	200	0.217	
EXT DRO >C28-C36	<10.0	10.0	01/06/2023	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/06/2023	Sampling Date:	01/06/2023
Reported:	01/09/2023	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: FL 8 B (H230071-12)**

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	01/08/2023	ND	2.03	101	2.00	6.92	
Toluene*	<0.050	0.050	01/08/2023	ND	2.22	111	2.00	7.77	
Ethylbenzene*	<0.050	0.050	01/08/2023	ND	2.19	110	2.00	7.64	
Total Xylenes*	<0.150	0.150	01/08/2023	ND	6.82	114	6.00	8.39	
Total BTEX	<0.300	0.300	01/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 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	01/06/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/06/2023	ND	203	102	200	2.75	
DRO >C10-C28*	<10.0	10.0	01/06/2023	ND	210	105	200	0.217	
EXT DRO >C28-C36	<10.0	10.0	01/06/2023	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/06/2023	Sampling Date:	01/06/2023
Reported:	01/09/2023	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: FL 10 B (H230071-13)**

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	01/08/2023	ND	2.03	101	2.00	6.92	
Toluene*	<0.050	0.050	01/08/2023	ND	2.22	111	2.00	7.77	
Ethylbenzene*	<0.050	0.050	01/08/2023	ND	2.19	110	2.00	7.64	
Total Xylenes*	<0.150	0.150	01/08/2023	ND	6.82	114	6.00	8.39	
Total BTEX	<0.300	0.300	01/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 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	96.0	16.0	01/06/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/07/2023	ND	203	102	200	2.75	
DRO >C10-C28*	<10.0	10.0	01/07/2023	ND	210	105	200	0.217	
EXT DRO >C28-C36	<10.0	10.0	01/07/2023	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/06/2023	Sampling Date:	01/06/2023
Reported:	01/09/2023	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: FL 11 B (H230071-14)**

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	01/08/2023	ND	2.03	101	2.00	6.92	
Toluene*	<0.050	0.050	01/08/2023	ND	2.22	111	2.00	7.77	
Ethylbenzene*	<0.050	0.050	01/08/2023	ND	2.19	110	2.00	7.64	
Total Xylenes*	<0.150	0.150	01/08/2023	ND	6.82	114	6.00	8.39	
Total BTEX	<0.300	0.300	01/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 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	01/06/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/07/2023	ND	203	102	200	2.75	
DRO >C10-C28*	<10.0	10.0	01/07/2023	ND	210	105	200	0.217	
EXT DRO >C28-C36	<10.0	10.0	01/07/2023	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

Hungry Horse Environmental  
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 P.O. Box 1058  
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 Fax To: (505) 391-4585

Received:	01/06/2023	Sampling Date:	01/06/2023
Reported:	01/09/2023	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: FL 12 B (H230071-15)**

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	01/08/2023	ND	2.03	101	2.00	6.92	
Toluene*	<0.050	0.050	01/08/2023	ND	2.22	111	2.00	7.77	
Ethylbenzene*	<0.050	0.050	01/08/2023	ND	2.19	110	2.00	7.64	
Total Xylenes*	<0.150	0.150	01/08/2023	ND	6.82	114	6.00	8.39	
Total BTEX	<0.300	0.300	01/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 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	01/06/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/07/2023	ND	203	102	200	2.75	
DRO >C10-C28*	<10.0	10.0	01/07/2023	ND	210	105	200	0.217	
EXT DRO >C28-C36	<10.0	10.0	01/07/2023	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/06/2023	Sampling Date:	01/06/2023
Reported:	01/09/2023	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: FL 13 B (H230071-16)**

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	01/08/2023	ND	2.03	101	2.00	6.92	
Toluene*	<0.050	0.050	01/08/2023	ND	2.22	111	2.00	7.77	
Ethylbenzene*	<0.050	0.050	01/08/2023	ND	2.19	110	2.00	7.64	
Total Xylenes*	<0.150	0.150	01/08/2023	ND	6.82	114	6.00	8.39	
Total BTEX	<0.300	0.300	01/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 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	01/06/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/07/2023	ND	203	102	200	2.75	
<b>DRO &gt;C10-C28*</b>	<b>12.5</b>	10.0	01/07/2023	ND	210	105	200	0.217	
EXT DRO >C28-C36	<10.0	10.0	01/07/2023	ND					

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.7 % 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:	01/06/2023	Sampling Date:	01/06/2023
Reported:	01/09/2023	Sampling Type:	Soil
Project Name:	TEXMACK 6" STEEL LINE	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL/M SEC 23 T17S - R31E		

**Sample ID: FL 15 B (H230071-17)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2023	ND	2.03	101	2.00	6.92	
Toluene*	<0.050	0.050	01/08/2023	ND	2.22	111	2.00	7.77	
Ethylbenzene*	<0.050	0.050	01/08/2023	ND	2.19	110	2.00	7.64	
Total Xylenes*	<0.150	0.150	01/08/2023	ND	6.82	114	6.00	8.39	
Total BTEX	<0.300	0.300	01/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 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	01/06/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/07/2023	ND	203	102	200	2.75	
DRO >C10-C28*	13.1	10.0	01/07/2023	ND	210	105	200	0.217	
EXT DRO >C28-C36	<10.0	10.0	01/07/2023	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 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.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: Hungry Horse LLC		P.O. #:		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>	
Project Manager: Daniel Dominguez		Company: Frontier Field Services, LLC					
Address: PO Box 1058		Attn: Amber Groves					
City: Hobbs		Address: 47 Conoco Rd					
State: NM		City: Mallamara					
Zip: 88241		State: NM		Zip: 88264			
Phone #: 575 393-3386		Project Owner: Frontier Field Services, LLC		Phone #: 575-703-7992			
Fax #:		Project Name: Texnack 6" Steel Line		Fax #:			
Project Location: U/L M Sec 23 T17S - R31E		Sampler Name: Bradley Wells					

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
1	SW1b	C	1	X											
	SW2b	C	1	X											
	SW4b	C	1	X											
	SW6b	C	1	X											
	SW7b	C	1	X											
	SW8b	C	1	X											
	FL1b	C	1	X											
	FL2b	C	1	X											
	FL4b	C	1	X											
	FL6b	C	1	X											

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Relinquished By: <i>B. Wells</i>	Date: 1-10-23	Received By: <i>Speedier</i>
Relinquished By: <i>B. Wells</i>	Time: 1340	Received By: <i>Speedier</i>
Relinquished By: _____	Date: _____	Received By: _____
Relinquished By: _____	Time: _____	Received By: _____

Delivered By: (Circle One) <i>-0.3c/c-o.u.c</i>	Sample Condition	CHECKED BY: <i>SP</i>
Sampler - UPS - Bus - Other: <i>-0.9c #113</i>	Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
† 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	nAPP2222824753
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 32.8165030 Longitude -103.8435440  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Texmack 6" Steel Line	Site Type Pipeline
Date Release Discovered 8/12/2022	API# (if applicable)

Unit Letter	Section	Township	Range	County
N	23	17S	31E	Eddy

Surface Owner:  State  Federal  Tribal  Private (Name: \_\_\_\_\_)

### 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 type="checkbox"/> Produced Water	Volume Released (bbls)	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 checked="" type="checkbox"/> Condensate	Volume Released (bbls) 4	Volume Recovered (bbls) 0
<input checked="" type="checkbox"/> Natural Gas	Volume Released (Mcf) 58.53	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

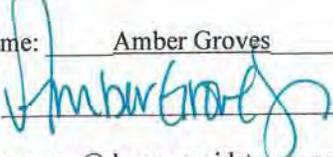
Cause of Release  
Internal & external corrosion

Incident ID	nAPP2222824753
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>Remediation Specialist</u> Signature:  Date: <u>8/16/2022</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>08/16/2022</u>



### Gas Volume Release Report

Gas Release Volume Calculator		
Date:	8/12/2022	
Site or Line Name:	MAL-Textmack 6" Steel Line LP	
Area of hole in pipe:	0.25	square inches
Absolute Pressure:	53.7	psia - absolute pressure (psia = psig gauge pressure + 14.7)
Duration of Release:	60.00	minutes
Temperature:	124.7	Degrees F
Absolute Pressure:	53.7	psia (Gauge Pressure + 14.7)
Representative Gas Analysis	Please attach or email a representative gas analysis	

Constants		
Temperature at standard conditions:	60	Deg. F
Pressure at standard conditions:	14.7	PSIA
Volume of Gas - SCF	58.53	MSCF

Notes
Entered by user
Calculated Value
Constant



Liquid Volume Release Report

Liquid Release Volume Calculator								
Date:	8/12/2022							
Site or Line Name:	MAL-Textmack 6" Steel Line LP							
Soil Type	Porosity	Length	Width	Depth (.083 per inch)	Cubic Feet	Estimated Barrels	Soil Type	
Clay	0.15				0	0.00	Clay	
Sandy Clay	0.12				0	0.00	Sandy Clay	
Silt	0.16				0	0.00	Silt	
Fine Sand	0.16				0	0.00	Fine Sand	
Medium Sand	0.25	80	4.51	0.249	89.8392	4.00	Medium Sand	
Coarse Sand	0.26				0	0.00	Coarse Sand	
Gravelly Sand	0.26				0	0.00	Gravelly Sand	
Fine Gravel	0.26				0	0.00	Fine Gravel	
Medium Gravel	0.20				0	0.00	Medium Gravel	
Coarse Gravel	0.18				0	0.00	Coarse Gravel	
Sandstone	0.25				0	0.00	Sandstone	
Siltstone	0.18				0	0.00	Siltstone	
Limestone	0.13				0	0.00	Limestone	
Basalt	0.19				0	0.00	Basalt	
Standing Liquids	X				0	0.00	Standing Liquids	

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

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

Cubic Feet = L x W x D  
 Estimated Barrels = ((Cubic Feet x Porosity) / 5.61)

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170  
**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 186104

**CONDITIONS**

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 186104
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2222824753 TEXMACK 6" STEEL LINE, thank you. This closure is approved.	6/15/2023