

Incident ID	NAPP2120154058
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: \_\_\_\_\_ Title: \_\_\_\_\_  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

Received by: Robert Hamlet Date: 3/4/2022

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: 3/4/2022

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced



## Remediation Summary and Closure Request

**Durango Midstream LLC  
6" Old Lusk\_7/19/21\_001\_0  
Eddy County, New Mexico**

**Unit Letter "I", Section 1, Township 18 South, Range 31 East  
Latitude 32.774510 North, Longitude 103.815045 West  
NMOCD Incident # nAPP2120154058**

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Prepared For:

Durango Midstream LLC  
47 Conoco Rd  
Maljamar, NM 88264

Prepared By:

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

**October 2021**

A handwritten signature in black ink that reads "Lindsey Nevels".

Lindsey Nevels  
Project Manager  
lnevels@hungry-horse.com

A handwritten signature in black ink that reads "Daniel Dominguez".

Daniel Dominguez  
Environmental Manager  
ddominguez@hungry-horse.com

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- Figure 2 – OSE POD Locations Map
- Figure 3 – USGS Well Locations Map
- Figure 4 – Delineation Sample Map
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### Tables

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- Attachment I – Site Photographs
- Attachment II – Depth to Groundwater
- Attachment III – Field Data
- Attachment IV – Laboratory Analytical Reports
- Attachment V – NMOCD Form C-141 Closure Page



## 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 I (NE/SE) Section 1, Township 18 South, Range 31 East, approximately 7 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 32.774510 North, Longitude 103.815045 West. The Initial NMOCD Form C-141 indicated that on July 19, 2021 approximately thirty and one half bbls of produced water were released when a pipeline ruptured. A crew was dispatched to the release site and the line was repaired; however, no fluid was recovered. Previously submitted pages of the NMOCD Form C-141 are available on the NMOCD Imaging System. NMOCD Form C-141 Closure page is included as Attachment V.

### 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. Depth to groundwater information is provided as Attachment II and the results are depicted on Figures 2 & 3.

One USGS well was located near the site, however the distance to this well is greater than a half mile and the well data is older than twenty-five years. Therefore, as no water wells could be located within a half mile of the release area, depth to water could not be determined. Consequently, the site was delineated and further remediated according to the strictest NMOCD Closure Criteria. Utilizing this information, the NMOCD Closure Criteria for the Site were determined as follows:

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



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

On July 27 and 28, 2021, Hungry Horse conducted an initial site assessment and a series of sampling events. During the sampling events, sample test trenches were advanced throughout the affected area in an effort to determine the vertical extent of contamination. These sample locations are identified by SP designation. In addition, sample test trenches were advanced along the inferred edges of the affected area in an effort to determine the horizontal extent of contamination. These sample locations are identified by HZ designation. During the advancement of the test trenches, soil samples were collected and field screened for the presence of volatile organic compounds via a photoionization detector (PID) and chloride concentrations utilizing a Hach Quantab® chloride test kit.

Based on field observations and field test data, eighteen representative soil samples were selected for laboratory analysis. Delineation soil samples SP1 through SP5, and HZ1 through HZ4, were submitted to the laboratory for analysis of BTEX, TPH, and chloride.

Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples, with the exception of SP1 at surf and 4', SP2 at surf, SP3 at surf and 4', SP4 at surf, and SP5 at surf, which exhibited TPH and/or chloride concentrations in excess of NMOCD Closure Criteria.

On July 28 through 30, 2021, remediation activities commenced on location. The release area was excavated to a depth ranging from approximately one to six feet bgs. The area characterized by sample location SP1 was excavated to a depth of approximately six feet bgs. The area characterized by sample location SP2 was excavated to a depth of approximately three feet bgs. The area characterized by sample location SP3 was excavated to a depth of approximately five feet bgs. The area characterized by sample location SP4 was excavated to a depth of approximately two feet bgs. And the area characterized by sample location SP5 was excavated to a depth of approximately one foot bgs. Excavated soil was temporarily stockpiled at a nearby location, atop plastic, then hauled to a state approved facility for disposal.

The areas characterized by sample locations SP1 and SP3 were resampled at their respective depths and soil samples submitted to the laboratory for analysis. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

After excavation activities were complete, on August 12, 2021, twelve composite confirmation soil samples were collected from the excavation floor and sidewalls. Soil samples BH1 through BH7 and SW1 through SW5, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the



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NMOCD Closure Criteria in each of the submitted samples, with the exception of SW5 at 1', which exhibited chloride concentrations in excess of NMOCD Closure Criteria.

On September 15, 2021, excavation activities resumed on location. Impacted soil in the area characterized by sample location SW5 was excavated and resampled. Soil sample SW5b was submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria for the submitted sample.

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

The excavated area measured approximately one hundred feet in length, eight to eighteen feet in width and one to six feet in depth. During remediation activities approximately 250 cubic yards of impacted soil were excavated and hauled to an NMOCD approved disposal facility.

#### **Restoration, Reclamation, and Re-Vegetation:**

Based upon laboratory analytical results from confirmation soil samples, the excavated area was backfilled with locally sourced, clean, non-impacted, material. The area was contoured to achieve erosion control and preserve surface water flow. The affected area will be reseeded with an approved seed mixture during the first favorable growing season following completion of 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 and field activities conducted to date, Hungry Horse recommends Durango Midstream provide copies of this *Remediation Summary and Closure Request* to the appropriate agencies and request closure be granted to the 6" Old Lusk.



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**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:**

**Durango Midstream 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  
 Durango Midstream  
 6" Old Lusk\_7/19/21\_001\_0  
 GPS: 32.77451, -103.815045  
 Eddy County

**Legend:**  
 ● 6" Old Lusk\_7/19/21\_001\_0 Location

Drafted: dd  
 Checked: lmn  
 Date: 7/26/21





**Figure 2**

OSE POD Locations Map  
Durango Midstream  
6" Old Lusk\_7/19/21\_001\_0  
GPS: 32.77451, -103.815045  
Eddy County

**Legend:**

- 6" Old Lusk\_7/19/21\_001\_0 Location

Drafted: dd  
Checked: Imn  
Date: 7/26/21





**Figure 3**

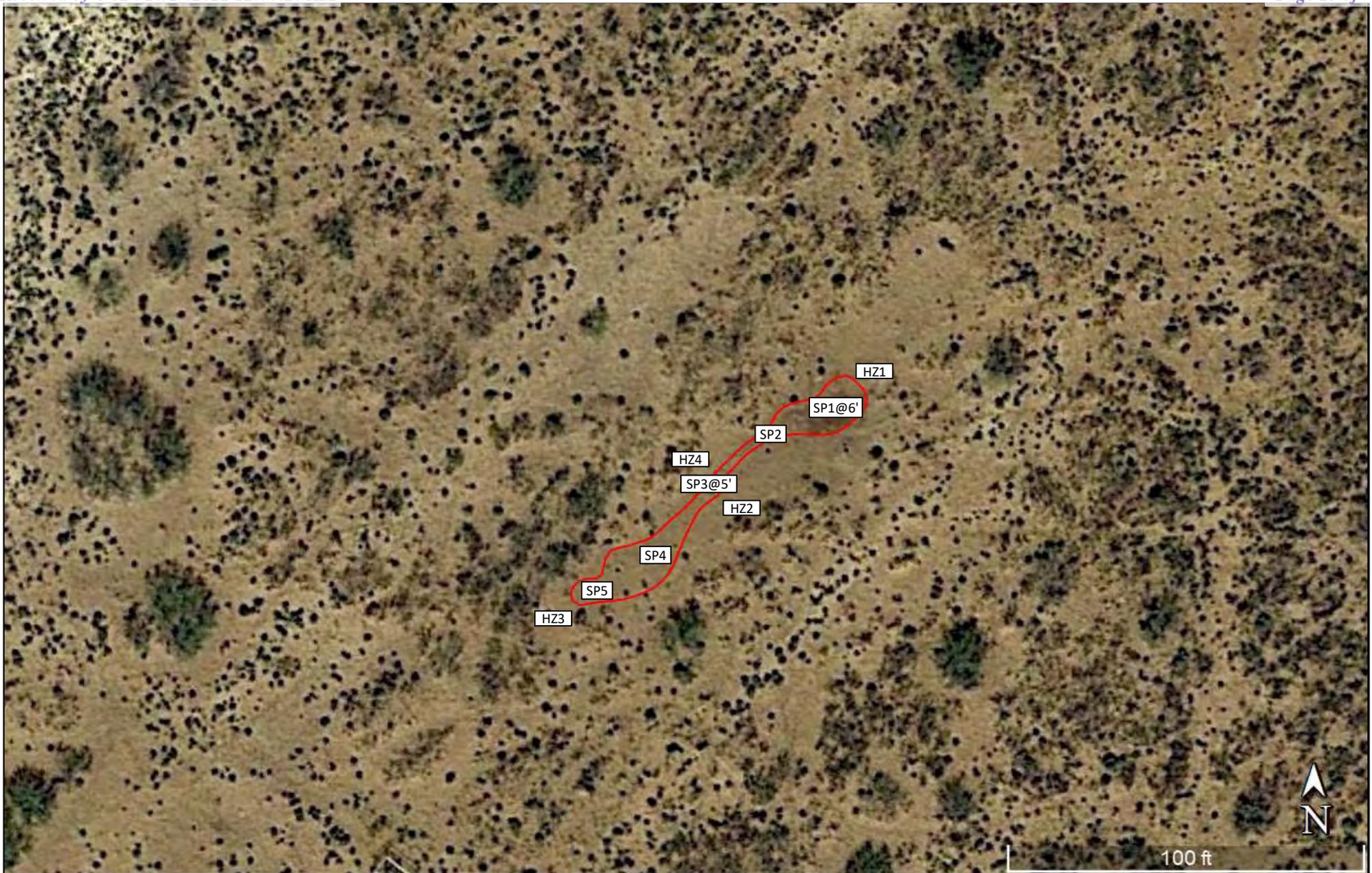
USGS Well Locations Map  
Durango Midstream  
6" Old Lusk\_7/19/21\_001\_0  
GPS: 32.77451, -103.815045  
Eddy County

**Legend:**

- 6" Old Lusk\_7/19/21\_001\_0 Location
- USGS Well Location

Drafted: dd  
Checked: lmn  
Date: 7/26/21



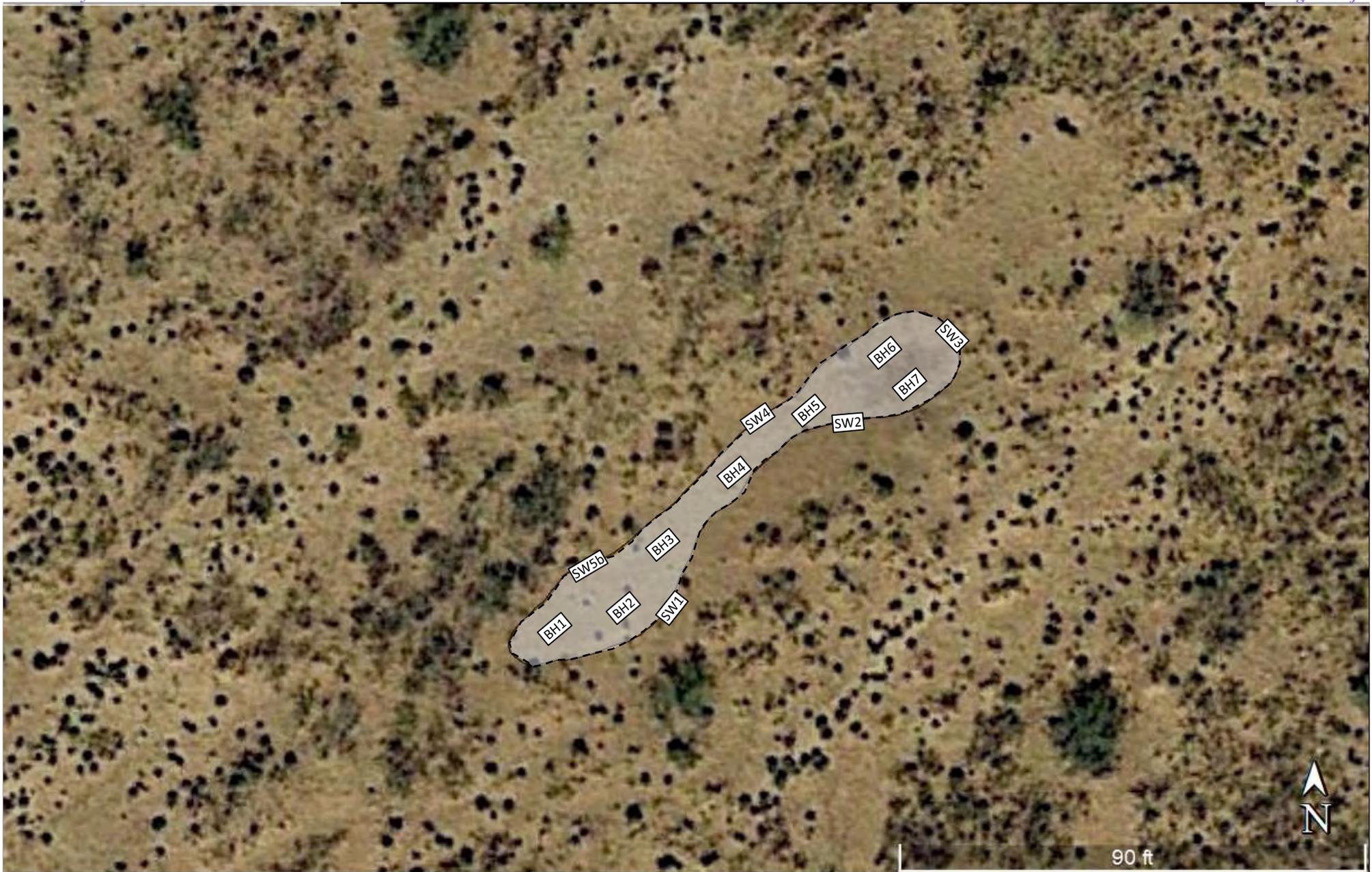


**Figure 4**  
Delineation Sample Map  
Durango Midstream  
6" Old Lusk\_7/19/21\_001\_0  
GPS: 32.77451, -103.815045  
Eddy County

- Legend:**
-  Release Area
  -  SP1 Delineation Sample Location

Drafted: dd  
Checked: Imn  
Date: 7/29/21





**Figure 5**  
Excavation Sample Map  
Durango Midstream  
6" Old Lusk\_7/19/21\_001\_0  
GPS: 32.77451, -103.815045  
Eddy County

Legend:	
	Excavated Area
	Composite Confirmation Sample Location

	Drafted: dd
	Checked: Imn
	Date: 9/15/21

## **Table**

**TABLE 1**  
**Summary of Soil Sample Laboratory Analytical Results**  
**Durango Midstream**  
**6" Old Lusk\_7/19/21\_001\_0**  
**NMOCD Ref. #: nAPP2120154058**

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	7/28/21	Surf	Excavated	0.128	8.23	496	20,900	21,396	3,990	<b>25,386</b>	<b>880</b>
	7/28/21	4	Excavated	<0.050	<0.300	<10.0	89.8	90	46	<b>135</b>	240
SP2	7/28/21	Surf	Excavated	<0.050	<0.300	<50.0	5,020	5,020	1,140	<b>6,160</b>	320
	7/28/21	4	In-Situ	<0.050	<0.300	<10.0	24.8	24.8	12.4	37.2	176
SP3	7/28/21	Surf	Excavated	<0.050	<0.300	<100	7,180	7,180	1,610	<b>8,790</b>	464
	7/28/21	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<b>784</b>
SP4	7/28/21	Surf	Excavated	<0.050	<0.300	100	9,280	9,380	2,090	<b>11,470</b>	496
	7/28/21	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
SP5	7/28/21	Surf	Excavated	<0.050	0.326	<100	13,200	13,200	3,220	<b>16,420</b>	<b>608</b>
	7/28/21	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48
HZ1	7/27/21	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	7/27/21	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
HZ2	7/27/21	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	7/27/21	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
HZ3	7/27/21	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	7/27/21	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ4	7/27/21	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	7/27/21	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP1@6	8/10/21	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
SP3@5	8/10/21	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
BH1	8/12/21	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
BH2	8/12/21	2	In-Situ	<0.050	<0.300	<10.0	12.1	12.1	<10.0	12.1	16.0
BH3	8/12/21	2	In-Situ	<0.050	<0.300	<10.0	31.7	31.7	<10.0	31.7	32.0
BH4	8/12/21	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
BH5	8/12/21	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
BH6	8/12/21	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
BH7	8/12/21	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
SW1	8/12/21	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW2	8/12/21	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW3	8/12/21	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW4	8/12/21	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW5	8/12/21	1	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<b>912</b>
SW5b	9/15/21	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
<b>NMOCD Closure Criteria</b>				<b>10</b>	<b>50</b>	-	-	<b>N/A</b>	-	<b>100</b>	<b>600</b>

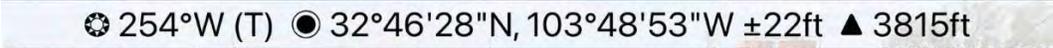
**NOTES:**

- = Sample not analyzed for that constituent.

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

# **Attachment I Site Photographs**

### Photographs

<b>Photo:</b> 1	
<b>Direction:</b> West	
<b>Description:</b> Release area	 <p>27 Jul 2021 12:35:38</p>

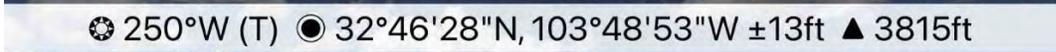
<b>Photo:</b> 2	
<b>Direction:</b> Northeast	
<b>Description:</b> Release area	 <p>27 Jul 2021 12:37:11</p>

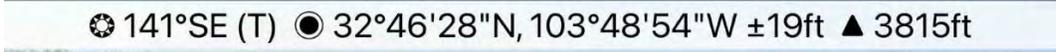
### Photographs

<b>Photo:</b> 3	
<b>Direction:</b> Southeast	☀ 140°SE (T) ● 32°46'28"N, 103°48'54"W ±13ft ▲ 3815ft
<b>Description:</b> Release area	

<b>Photo:</b> 4	
<b>Direction:</b> West	☀ 255°W (T) ● 32°46'28"N, 103°48'53"W ±13ft ▲ 3817ft
<b>Description:</b> Release area scraped up and sampled.	

### Photographs

<b>Photo:</b> 5	
<b>Direction:</b> Southwest	
<b>Description:</b> Excavation activities	

<b>Photo:</b> 6	
<b>Direction:</b> Southeast	
<b>Description:</b> Excavation activities	

### Photographs

<b>Photo:</b> 7	
<b>Direction:</b> Northeast	☉ 60°NE (T) ● 32°46'27"N, 103°48'55"W ±32ft ▲ 3815ft
<b>Description:</b> Excavation activities	

<b>Photo:</b> 8	
<b>Direction:</b> Southwest	☉ 223°SW (T) ● 32°46'28"N, 103°48'53"W ±22ft ▲ 3815ft
<b>Description:</b> Excavation activities	

### Photographs

<b>Photo:</b> 9	
<b>Direction:</b> Northeast	
<b>Description:</b> Excavation activities	

<b>Photo:</b> 10	
<b>Direction:</b> South	
<b>Description:</b> Excavation activities	

### Photographs

<b>Photo:</b> 11	
<b>Direction:</b> Northeast	
<b>Description:</b> Backfilling excavation	

<b>Photo:</b> 12	
<b>Direction:</b> Southwest	
<b>Description:</b> Backfilling excavation	

### Photographs

<b>Photo:</b> 13	
<b>Direction:</b> Northeast	☀ 21°N (T) ● 32°46'27"N, 103°48'54"W ±13ft ▲ 3816ft
<b>Description:</b> Backfill complete	 <p>07 Oct 2021, 14:10:46</p>

<b>Photo:</b> 14	
<b>Direction:</b> Southwest	☀ 204°SW (T) ● 32°46'28"N, 103°48'54"W ±16ft ▲ 3815ft
<b>Description:</b> Backfill complete	 <p>07 Oct 2021, 14:11:48</p>

## **Attachment II**

### **Depth to Groundwater**



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

---

No records found.

**UTMNAD83 Radius Search (in meters):**

**Easting (X):** 610977.6

**Northing (Y):** 3626910.85

**Radius:** 1760

---

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

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USGS Home  
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National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater Geographic Area: United States

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Groundwater levels for the Nation

\* IMPORTANT: [Next Generation Station Page](#)

**Search Results -- 1 sites found**

Agency code = usgs  
 site\_no list = 

- 324600103484601

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

**USGS 324600103484601 18S.31E.01.44432**

Eddy County, New Mexico  
 Latitude 32°46'00", Longitude 103°48'46" NAD27  
 Land-surface elevation 3,790 feet above NAVD88  
 This well is completed in the Other aquifers (N9999OTHER) national aquifer.  
 This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

**Output formats**

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1971-04-07			D 62610		3328.03	NGVD29	3	Z		
1971-04-07			D 62611		3329.58	NAVD88	3	Z		
1971-04-07			D 72019	460.42			3	Z		
1976-05-27			D 62610		3333.89	NGVD29	1	Z		
1976-05-27			D 62611		3335.44	NAVD88	1	Z		
1976-05-27			D 72019	454.56			1	Z		
1986-01-26			D 62610		3334.16	NGVD29	1	S		
1986-01-26			D 62611		3335.71	NAVD88	1	S		
1986-01-26			D 72019	454.29			1	S		
1990-09-25			D 62610		3334.83	NGVD29	1	S		
1990-09-25			D 62611		3336.38	NAVD88	1	S		
1990-09-25			D 72019	453.62			1	S		
1994-03-17			D 62610		3334.20	NGVD29	1	S		
1994-03-17			D 62611		3335.75	NAVD88	1	S		
1994-03-17			D 72019	454.25			1	S		

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	3	True value is above reported value due to local conditions
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

[Questions about sites/data?](#)

[Feedback on this web site](#)

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**Title: Groundwater for USA: Water Levels**

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



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

Page Last Modified: 2021-07-29 12:07:32 EDT

0.35 0.31 nadww01

## **Attachment III Field Data**

Hungry Horse, LLC

Sample Log

Date: 7/28/21

Project: Old Lusk 6" Pipeline

Latitude: 32.77451

Longitude: -103.815045

Sampler: Daniel

Sample ID	PID/Odor	Chloride Conc.	GPS
SP1 Surf	368	3.2 = 109 x 4 = 436	32.774510, -103.815045
1'	6.55	<100	
2'	10.85	<100	
3'	238.7	5 = 245 x 4 = 980	
4'	2.75	<100	
SP2 Surf	34.10	2 = 45 x 4 = 180	32.774491, -103.815104
1'	6.20	3 = 97 x 4 = 388	
2'	.40	5.2 = 263 x 4 = 1,052	
3'	.75	<100	
4'	.20	<100	
SP3 Surf	61.55	<100	32.774451, -103.815154
1'	5.45	1.6 = 30 x 4 = 120	
2'	2.75	<100	
3'	.85	2 = 45 x 4 = 180	
4'	.18	3 = 97 x 4 = 388	
SP4 Surf	113.9	<100	32.774398, -103.815207
1'	24.60	<100	
2'	.20	<100	
3'	.25	<100	
4'	.15	1.8 = 37 x 4 = 148	
SP5 Surf	30.45	2 = 45 x 4 = 180	32.774365, -103.815261
1'	.80	<100	
2'	.0	<100	
3'	.25	<100	
4'	.20	<100	
8/10/21			
SP1 6'	.10	1.6 = 30 x 4 = 120	32.774510, -103.815045
SP3 5'	.05	<100	32.774451, -103.815154

Sample Point = SP1 @ ## etc

Floor = FL1 etc

Sidewall = SW1 etc

Horizontal = HZ1 etc

Refusal = SP1 @ 4'-R

GPS Sample Points, Center of Comp Areas

Test Trench = TT1 @ ##

Resamples = SP1b @ 5' or SW #1b

Stockpile = Stockpile #1



### Sample Log

Hungry Horse, LLC

Date: 8/12/21

Project: 6" Old Lusk\_7/19/21\_001\_0

Latitude: 32.77451

Longitude: -103.815045

Sampler: Daniel

Sample ID	PID/Odor	Chloride Conc.	GPS
BH1	0.0	<100	32.774364, -103.815271
BH2	0.2	<100	32.774376, -103.815220
BH3	0.5	<100	32.774414, -103.815199
BH4	0.0	1.6 = 30 x 4 = 120	32.774452, -103.815155
BH5	0.0	1.6 = 30 x 4 = 120	32.774486, -103.815106
BH6	0.0	2 = 45 x 4 = 180	32.774520, -103.815066
BH7	0.0	1.6 = 30 x 4 = 120	32.774503, -103.815040
SW1	0.0	<100	32.774371, -103.815201
SW2	0.0	<100	32.774479, -103.815088
SW3	0.0	<100	32.774534, -103.815017
SW4	0.0	<100	32.774484, -103.815135
SW5	0.0	3.8 = 149 x 4 = 596	32.774397, -103.815244
9/15/21			
SW5b @ 1'	0.0	<100	32.774401, -103.815252

Sample Point = SP1 @ ## etc  
 Floor = FL1 etc  
 Sidewall = SW1 etc

Horizontal = HZ1 etc  
 Refusal = SP1 @ 4'-R  
 GPS Sample Points, Center of Comp Areas

Test Trench = TT1 @ ##  
 Resamples = SP1b @ 5' or SW #1b  
 Stockpile = Stockpile #1

## **Attachment IV Laboratory Analytical Reports**



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

---

August 04, 2021

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: 6" OLD LUSK LINE

Enclosed are the results of analyses for samples received by the laboratory on 07/30/21 13:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/30/2021	Sampling Date:	07/28/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: SP 1 @ SURFACE (H212017-01)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.128</b>	0.050	08/02/2021	ND	1.81	90.5	2.00	5.31	
<b>Toluene*</b>	<b>0.642</b>	0.050	08/02/2021	ND	1.96	98.0	2.00	5.24	
<b>Ethylbenzene*</b>	<b>1.98</b>	0.050	08/02/2021	ND	1.90	94.8	2.00	4.70	
<b>Total Xylenes*</b>	<b>5.48</b>	0.150	08/02/2021	ND	5.70	95.0	6.00	3.68	
<b>Total BTEX</b>	<b>8.23</b>	0.300	08/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 251 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>880</b>	16.0	08/02/2021	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>493</b>	100	08/02/2021	ND	200	100	200	2.33	
<b>DRO &gt;C10-C28*</b>	<b>20900</b>	100	08/02/2021	ND	196	98.1	200	1.59	
<b>EXT DRO &gt;C28-C36</b>	<b>3990</b>	100	08/02/2021	ND					

Surrogate: 1-Chlorooctane 203 % 44.3-133

Surrogate: 1-Chlorooctadecane 553 % 38.9-142

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:	07/30/2021	Sampling Date:	07/28/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: SP 1 @ 4' (H212017-02)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2021	ND	1.81	90.5	2.00	5.31	
Toluene*	<0.050	0.050	08/02/2021	ND	1.96	98.0	2.00	5.24	
Ethylbenzene*	<0.050	0.050	08/02/2021	ND	1.90	94.8	2.00	4.70	
Total Xylenes*	<0.150	0.150	08/02/2021	ND	5.70	95.0	6.00	3.68	
Total BTEX	<0.300	0.300	08/02/2021	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>240</b>	16.0	08/02/2021	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	08/02/2021	ND	200	100	200	2.33	
<b>DRO &gt;C10-C28*</b>	<b>89.8</b>	10.0	08/02/2021	ND	196	98.1	200	1.59	
<b>EXT DRO &gt;C28-C36</b>	<b>45.6</b>	10.0	08/02/2021	ND					

Surrogate: 1-Chlorooctane 73.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 70.4 % 38.9-142

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:	07/30/2021	Sampling Date:	07/28/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: SP 2 @ SURFACE (H212017-03)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2021	ND	1.81	90.5	2.00	5.31	
Toluene*	<0.050	0.050	08/02/2021	ND	1.96	98.0	2.00	5.24	
Ethylbenzene*	<0.050	0.050	08/02/2021	ND	1.90	94.8	2.00	4.70	
Total Xylenes*	<0.150	0.150	08/02/2021	ND	5.70	95.0	6.00	3.68	
Total BTEX	<0.300	0.300	08/02/2021	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>320</b>	16.0	08/02/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<50.0	50.0	08/02/2021	ND	200	100	200	2.33		
<b>DRO &gt;C10-C28*</b>	<b>5020</b>	50.0	08/02/2021	ND	196	98.1	200	1.59		
<b>EXT DRO &gt;C28-C36</b>	<b>1140</b>	50.0	08/02/2021	ND						

Surrogate: 1-Chlorooctane 84.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 207 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/30/2021	Sampling Date:	07/28/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: SP 2 @ 4' (H212017-04)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2021	ND	1.81	90.5	2.00	5.31	
Toluene*	<0.050	0.050	08/02/2021	ND	1.96	98.0	2.00	5.24	
Ethylbenzene*	<0.050	0.050	08/02/2021	ND	1.90	94.8	2.00	4.70	
Total Xylenes*	<0.150	0.150	08/02/2021	ND	5.70	95.0	6.00	3.68	
Total BTEX	<0.300	0.300	08/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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>176</b>	16.0	08/02/2021	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	08/02/2021	ND	200	100	200	2.33	
<b>DRO &gt;C10-C28*</b>	<b>24.8</b>	10.0	08/02/2021	ND	196	98.1	200	1.59	
<b>EXT DRO &gt;C28-C36</b>	<b>12.4</b>	10.0	08/02/2021	ND					

Surrogate: 1-Chlorooctane 74.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 68.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/30/2021	Sampling Date:	07/28/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: SP 3 @ SURFACE (H212017-05)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2021	ND	1.81	90.5	2.00	5.31	
Toluene*	<0.050	0.050	08/02/2021	ND	1.96	98.0	2.00	5.24	
Ethylbenzene*	<0.050	0.050	08/02/2021	ND	1.90	94.8	2.00	4.70	GC-NC
Total Xylenes*	<0.150	0.150	08/02/2021	ND	5.70	95.0	6.00	3.68	
Total BTEX	<0.300	0.300	08/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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>464</b>	16.0	08/02/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<100	100	08/02/2021	ND	200	100	200	2.33		
<b>DRO &gt;C10-C28*</b>	<b>7180</b>	100	08/02/2021	ND	196	98.1	200	1.59		
<b>EXT DRO &gt;C28-C36</b>	<b>1610</b>	100	08/02/2021	ND						

Surrogate: 1-Chlorooctane 93.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 259 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/30/2021	Sampling Date:	07/28/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: SP 3 @ 4' (H212017-06)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2021	ND	1.81	90.5	2.00	5.31	
Toluene*	<0.050	0.050	08/02/2021	ND	1.96	98.0	2.00	5.24	
Ethylbenzene*	<0.050	0.050	08/02/2021	ND	1.90	94.8	2.00	4.70	
Total Xylenes*	<0.150	0.150	08/02/2021	ND	5.70	95.0	6.00	3.68	
Total BTEX	<0.300	0.300	08/02/2021	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
Chloride	784	16.0	08/02/2021	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	08/02/2021	ND	200	100	200	2.33	
DRO >C10-C28*	<10.0	10.0	08/02/2021	ND	196	98.1	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	08/02/2021	ND					

Surrogate: 1-Chlorooctane 74.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 68.5 % 38.9-142

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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:	07/30/2021	Sampling Date:	07/28/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: SP 4 @ SURFACE (H212017-07)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2021	ND	1.81	90.5	2.00	5.31	
Toluene*	<0.050	0.050	08/02/2021	ND	1.96	98.0	2.00	5.24	
Ethylbenzene*	<0.050	0.050	08/02/2021	ND	1.90	94.8	2.00	4.70	GC-NC
Total Xylenes*	<0.150	0.150	08/02/2021	ND	5.70	95.0	6.00	3.68	
Total BTEX	<0.300	0.300	08/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 139 % 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	496	16.0	08/02/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	100	100	08/02/2021	ND	200	100	200	2.33		
DRO >C10-C28*	9280	100	08/02/2021	ND	196	98.1	200	1.59		
EXT DRO >C28-C36	2090	100	08/02/2021	ND						

Surrogate: 1-Chlorooctane 109 % 44.3-133

Surrogate: 1-Chlorooctadecane 319 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/30/2021	Sampling Date:	07/28/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: SP 4 @ 4' (H212017-08)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2021	ND	1.81	90.5	2.00	5.31	
Toluene*	<0.050	0.050	08/02/2021	ND	1.96	98.0	2.00	5.24	
Ethylbenzene*	<0.050	0.050	08/02/2021	ND	1.90	94.8	2.00	4.70	
Total Xylenes*	<0.150	0.150	08/02/2021	ND	5.70	95.0	6.00	3.68	
Total BTEX	<0.300	0.300	08/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	336	16.0	08/02/2021	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	08/02/2021	ND	200	100	200	2.33	
DRO >C10-C28*	<10.0	10.0	08/02/2021	ND	196	98.1	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	08/02/2021	ND					

Surrogate: 1-Chlorooctane 71.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 65.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/30/2021	Sampling Date:	07/28/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: SP 5 @ SURFACE (H212017-09)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2021	ND	1.81	90.5	2.00	5.31	
Toluene*	<0.050	0.050	08/02/2021	ND	1.96	98.0	2.00	5.24	
<b>Ethylbenzene*</b>	<b>0.076</b>	0.050	08/02/2021	ND	1.90	94.8	2.00	4.70	
<b>Total Xylenes*</b>	<b>0.250</b>	0.150	08/02/2021	ND	5.70	95.0	6.00	3.68	
<b>Total BTEX</b>	<b>0.326</b>	0.300	08/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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>608</b>	16.0	08/02/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<100	100	08/02/2021	ND	200	100	200	2.33		
<b>DRO &gt;C10-C28*</b>	<b>13200</b>	100	08/02/2021	ND	196	98.1	200	1.59		
<b>EXT DRO &gt;C28-C36</b>	<b>3220</b>	100	08/02/2021	ND						

Surrogate: 1-Chlorooctane 93.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 434 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/30/2021	Sampling Date:	07/28/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: SP 5 @ 4' (H212017-10)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2021	ND	1.81	90.5	2.00	5.31	
Toluene*	<0.050	0.050	08/02/2021	ND	1.96	98.0	2.00	5.24	
Ethylbenzene*	<0.050	0.050	08/02/2021	ND	1.90	94.8	2.00	4.70	
Total Xylenes*	<0.150	0.150	08/02/2021	ND	5.70	95.0	6.00	3.68	
Total BTEX	<0.300	0.300	08/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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>48.0</b>	16.0	08/02/2021	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	08/02/2021	ND	200	100	200	2.33	
DRO >C10-C28*	<10.0	10.0	08/02/2021	ND	196	98.1	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	08/02/2021	ND					

Surrogate: 1-Chlorooctane 74.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 68.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/30/2021	Sampling Date:	07/27/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: HZ 1 @ SURFACE (H212017-11)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2021	ND	2.02	101	2.00	4.23	
Toluene*	<0.050	0.050	08/02/2021	ND	2.12	106	2.00	7.94	
Ethylbenzene*	<0.050	0.050	08/02/2021	ND	2.03	102	2.00	8.14	
Total Xylenes*	<0.150	0.150	08/02/2021	ND	6.05	101	6.00	7.32	
Total BTEX	<0.300	0.300	08/02/2021	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
Chloride	16.0	16.0	08/02/2021	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	08/02/2021	ND	200	100	200	2.33	
DRO >C10-C28*	<10.0	10.0	08/02/2021	ND	196	98.1	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	08/02/2021	ND					

Surrogate: 1-Chlorooctane 75.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 69.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/30/2021	Sampling Date:	07/27/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: HZ 1 @ 1' (H212017-12)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2021	ND	2.02	101	2.00	4.23	
Toluene*	<0.050	0.050	08/02/2021	ND	2.12	106	2.00	7.94	
Ethylbenzene*	<0.050	0.050	08/02/2021	ND	2.03	102	2.00	8.14	
Total Xylenes*	<0.150	0.150	08/02/2021	ND	6.05	101	6.00	7.32	
Total BTEX	<0.300	0.300	08/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	32.0	16.0	08/02/2021	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	08/02/2021	ND	230	115	200	3.07	
DRO >C10-C28*	<10.0	10.0	08/02/2021	ND	232	116	200	7.15	
EXT DRO >C28-C36	<10.0	10.0	08/02/2021	ND					

Surrogate: 1-Chlorooctane 80.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/30/2021	Sampling Date:	07/27/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: HZ 2 @ SURFACE (H212017-13)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2021	ND	2.02	101	2.00	4.23	
Toluene*	<0.050	0.050	08/02/2021	ND	2.12	106	2.00	7.94	
Ethylbenzene*	<0.050	0.050	08/02/2021	ND	2.03	102	2.00	8.14	
Total Xylenes*	<0.150	0.150	08/02/2021	ND	6.05	101	6.00	7.32	
Total BTEX	<0.300	0.300	08/02/2021	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
Chloride	32.0	16.0	08/02/2021	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	08/02/2021	ND	230	115	200	3.07	
DRO >C10-C28*	<10.0	10.0	08/02/2021	ND	232	116	200	7.15	
EXT DRO >C28-C36	<10.0	10.0	08/02/2021	ND					

Surrogate: 1-Chlorooctane 79.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	07/30/2021	Sampling Date:	07/27/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: HZ 2 @ 1' (H212017-14)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2021	ND	2.02	101	2.00	4.23	
Toluene*	<0.050	0.050	08/02/2021	ND	2.12	106	2.00	7.94	
Ethylbenzene*	<0.050	0.050	08/02/2021	ND	2.03	102	2.00	8.14	
Total Xylenes*	<0.150	0.150	08/02/2021	ND	6.05	101	6.00	7.32	
Total BTEX	<0.300	0.300	08/02/2021	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	08/02/2021	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	08/02/2021	ND	230	115	200	3.07	
DRO >C10-C28*	<10.0	10.0	08/02/2021	ND	232	116	200	7.15	
EXT DRO >C28-C36	<10.0	10.0	08/02/2021	ND					

Surrogate: 1-Chlorooctane 81.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/30/2021	Sampling Date:	07/27/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: HZ 3 @ SURFACE (H212017-15)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2021	ND	2.02	101	2.00	4.23	
Toluene*	<0.050	0.050	08/02/2021	ND	2.12	106	2.00	7.94	
Ethylbenzene*	<0.050	0.050	08/02/2021	ND	2.03	102	2.00	8.14	
Total Xylenes*	<0.150	0.150	08/02/2021	ND	6.05	101	6.00	7.32	
Total BTEX	<0.300	0.300	08/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 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	<16.0	16.0	08/02/2021	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	08/02/2021	ND	230	115	200	3.07	
DRO >C10-C28*	<10.0	10.0	08/02/2021	ND	232	116	200	7.15	
EXT DRO >C28-C36	<10.0	10.0	08/02/2021	ND					

Surrogate: 1-Chlorooctane 78.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.4 % 38.9-142

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:	07/30/2021	Sampling Date:	07/27/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: HZ 3 @ 1' (H212017-16)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/02/2021	ND	2.02	101	2.00	4.23		
Toluene*	<0.050	0.050	08/02/2021	ND	2.12	106	2.00	7.94		
Ethylbenzene*	<0.050	0.050	08/02/2021	ND	2.03	102	2.00	8.14		
Total Xylenes*	<0.150	0.150	08/02/2021	ND	6.05	101	6.00	7.32		
Total BTEX	<0.300	0.300	08/02/2021	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	
Chloride	<16.0	16.0	08/02/2021	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	08/02/2021	ND	230	115	200	3.07		
DRO >C10-C28*	<10.0	10.0	08/02/2021	ND	232	116	200	7.15		
EXT DRO >C28-C36	<10.0	10.0	08/02/2021	ND						

Surrogate: 1-Chlorooctane 80.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.6 % 38.9-142

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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:	07/30/2021	Sampling Date:	07/27/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: HZ 4 @ SURFACE (H212017-17)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2021	ND	2.02	101	2.00	4.23	
Toluene*	<0.050	0.050	08/02/2021	ND	2.12	106	2.00	7.94	
Ethylbenzene*	<0.050	0.050	08/02/2021	ND	2.03	102	2.00	8.14	
Total Xylenes*	<0.150	0.150	08/02/2021	ND	6.05	101	6.00	7.32	
Total BTEX	<0.300	0.300	08/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	<16.0	16.0	08/02/2021	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	08/02/2021	ND	230	115	200	3.07	
DRO >C10-C28*	<10.0	10.0	08/02/2021	ND	232	116	200	7.15	
EXT DRO >C28-C36	<10.0	10.0	08/02/2021	ND					

Surrogate: 1-Chlorooctane 83.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.9 % 38.9-142

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:	07/30/2021	Sampling Date:	07/27/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: HZ 4 @ 1' (H212017-18)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2021	ND	2.02	101	2.00	4.23	
Toluene*	<0.050	0.050	08/02/2021	ND	2.12	106	2.00	7.94	
Ethylbenzene*	<0.050	0.050	08/02/2021	ND	2.03	102	2.00	8.14	
Total Xylenes*	<0.150	0.150	08/02/2021	ND	6.05	101	6.00	7.32	
Total BTEX	<0.300	0.300	08/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	<16.0	16.0	08/02/2021	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	08/02/2021	ND	230	115	200	3.07	
DRO >C10-C28*	<10.0	10.0	08/02/2021	ND	232	116	200	7.15	
EXT DRO >C28-C36	<10.0	10.0	08/02/2021	ND					

Surrogate: 1-Chlorooctane 79.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.4 % 38.9-142

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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.
GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
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







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

---

August 13, 2021

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: 6" OLD LUSK LINE

Enclosed are the results of analyses for samples received by the laboratory on 08/11/21 15:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. 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:	08/11/2021	Sampling Date:	08/10/2021
Reported:	08/13/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	6IN OLD LUSK_7/19/21_001_0	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: SP 1 @ 6' (H212139-01)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2021	ND	1.81	90.3	2.00	7.96		
Toluene*	<0.050	0.050	08/12/2021	ND	1.98	99.2	2.00	6.88		
Ethylbenzene*	<0.050	0.050	08/12/2021	ND	1.91	95.6	2.00	7.56		
Total Xylenes*	<0.150	0.150	08/12/2021	ND	5.75	95.8	6.00	6.48		
Total BTEX	<0.300	0.300	08/12/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	112	16.0	08/12/2021	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	08/12/2021	ND	194	96.8	200	5.74		
DRO >C10-C28*	<10.0	10.0	08/12/2021	ND	201	100	200	4.30		
EXT DRO >C28-C36	<10.0	10.0	08/12/2021	ND						

Surrogate: 1-Chlorooctane 83.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.4 % 38.9-142

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:	08/11/2021	Sampling Date:	08/10/2021
Reported:	08/13/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	6IN OLD LUSK_7/19/21_001_0	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: SP 3 @ 5' (H212139-02)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2021	ND	1.81	90.3	2.00	7.96	
Toluene*	<0.050	0.050	08/12/2021	ND	1.98	99.2	2.00	6.88	
Ethylbenzene*	<0.050	0.050	08/12/2021	ND	1.91	95.6	2.00	7.56	
Total Xylenes*	<0.150	0.150	08/12/2021	ND	5.75	95.8	6.00	6.48	
Total BTEX	<0.300	0.300	08/12/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	80.0	16.0	08/12/2021	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	08/12/2021	ND	194	96.8	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/12/2021	ND	201	100	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	08/12/2021	ND					

Surrogate: 1-Chlorooctane 80.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.3 % 38.9-142

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

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

Cardinal Laboratories

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager





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

---

August 16, 2021

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: 6" OLD LUSK LINE

Enclosed are the results of analyses for samples received by the laboratory on 08/12/21 15:21.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. 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:	08/12/2021	Sampling Date:	08/12/2021
Reported:	08/16/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	6IN OLD LUSK_7/19/21_001_0	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: SW 1 (H212155-01)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2021	ND	2.13	106	2.00	2.17		
Toluene*	<0.050	0.050	08/13/2021	ND	2.19	110	2.00	1.62		
Ethylbenzene*	<0.050	0.050	08/13/2021	ND	2.08	104	2.00	1.37		
Total Xylenes*	<0.150	0.150	08/13/2021	ND	6.19	103	6.00	1.28		
Total BTEX	<0.300	0.300	08/13/2021	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	
Chloride	48.0	16.0	08/13/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/13/2021	ND	197	98.4	200	0.238		
DRO >C10-C28*	<10.0	10.0	08/13/2021	ND	212	106	200	1.08		
EXT DRO >C28-C36	<10.0	10.0	08/13/2021	ND						

Surrogate: 1-Chlorooctane 80.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.2 % 38.9-142

Cardinal Laboratories

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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:	08/12/2021	Sampling Date:	08/12/2021
Reported:	08/16/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	6IN OLD LUSK_7/19/21_001_0	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: SW 2 (H212155-02)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2021	ND	2.13	106	2.00	2.17	
Toluene*	<0.050	0.050	08/13/2021	ND	2.19	110	2.00	1.62	
Ethylbenzene*	<0.050	0.050	08/13/2021	ND	2.08	104	2.00	1.37	
Total Xylenes*	<0.150	0.150	08/13/2021	ND	6.19	103	6.00	1.28	
Total BTEX	<0.300	0.300	08/13/2021	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	48.0	16.0	08/13/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2021	ND	197	98.4	200	0.238	
DRO >C10-C28*	<10.0	10.0	08/13/2021	ND	212	106	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	08/13/2021	ND					

Surrogate: 1-Chlorooctane 87.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.7 % 38.9-142

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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:	08/12/2021	Sampling Date:	08/12/2021
Reported:	08/16/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	6IN OLD LUSK_7/19/21_001_0	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: SW 3 (H212155-03)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2021	ND	2.13	106	2.00	2.17	
Toluene*	<0.050	0.050	08/13/2021	ND	2.19	110	2.00	1.62	
Ethylbenzene*	<0.050	0.050	08/13/2021	ND	2.08	104	2.00	1.37	
Total Xylenes*	<0.150	0.150	08/13/2021	ND	6.19	103	6.00	1.28	
Total BTEX	<0.300	0.300	08/13/2021	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
Chloride	32.0	16.0	08/13/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2021	ND	197	98.4	200	0.238	
DRO >C10-C28*	<10.0	10.0	08/13/2021	ND	212	106	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	08/13/2021	ND					

Surrogate: 1-Chlorooctane 78.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.1 % 38.9-142

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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:	08/12/2021	Sampling Date:	08/12/2021
Reported:	08/16/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	6IN OLD LUSK_7/19/21_001_0	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: SW 4 (H212155-04)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2021	ND	2.13	106	2.00	2.17	
Toluene*	<0.050	0.050	08/13/2021	ND	2.19	110	2.00	1.62	
Ethylbenzene*	<0.050	0.050	08/13/2021	ND	2.08	104	2.00	1.37	
Total Xylenes*	<0.150	0.150	08/13/2021	ND	6.19	103	6.00	1.28	
Total BTEX	<0.300	0.300	08/13/2021	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
Chloride	48.0	16.0	08/13/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2021	ND	197	98.4	200	0.238	
DRO >C10-C28*	<10.0	10.0	08/13/2021	ND	212	106	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	08/13/2021	ND					

Surrogate: 1-Chlorooctane 80.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.8 % 38.9-142

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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:	08/12/2021	Sampling Date:	08/12/2021
Reported:	08/16/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	6IN OLD LUSK_7/19/21_001_0	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: SW 5 (H212155-05)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2021	ND	2.13	106	2.00	2.17	
Toluene*	<0.050	0.050	08/13/2021	ND	2.19	110	2.00	1.62	
Ethylbenzene*	<0.050	0.050	08/13/2021	ND	2.08	104	2.00	1.37	
Total Xylenes*	<0.150	0.150	08/13/2021	ND	6.19	103	6.00	1.28	
Total BTEX	<0.300	0.300	08/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	912	16.0	08/13/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2021	ND	209	105	200	1.26	
DRO >C10-C28*	<10.0	10.0	08/13/2021	ND	190	94.8	200	0.446	
EXT DRO >C28-C36	<10.0	10.0	08/13/2021	ND					

Surrogate: 1-Chlorooctane 77.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 71.6 % 38.9-142

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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 P.O. #: \_\_\_\_\_  
 Project Manager: Daniel Dominguez Company: Durango Midstream  
 Address: \_\_\_\_\_ Attn: Harley Everhart  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Address: 47 Conoco Rd  
 City: Maljamar  
 State: NM Zip: 88264  
 Phone #: 575-408-3134 Fax #: \_\_\_\_\_  
 Project #: \_\_\_\_\_ Project Owner: \_\_\_\_\_  
 State: NM Zip: 88264  
 Project Name: 6" Old Lusk\_7/19/21\_001\_0 Phone #: 575-513-4922  
 Fax #: \_\_\_\_\_  
 Project Location: \_\_\_\_\_  
 Sampler 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 :	ACID/BASE:					
<u>H218155</u>	1	C	1	X											
	2	C	1	X											
	3	C	1	X											
	4	C	1	X											
	5	C	1	X											

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Relinquished By: \_\_\_\_\_ Date: 8/14/21 Received By: Hevera Clark Date: \_\_\_\_\_  
 Time: 3:21 PM Time: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_ Received By: \_\_\_\_\_

Delivered By: (Circle One)  UPS  Bus  Other: 1.4c #113 Sample Condition Cool Intact  Yes  No  Yes  No CHECKED BY: TO  
 \* Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476  
 FORM 508 R 2.0

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



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---

August 16, 2021

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: 6" OLD LUSK LINE

Enclosed are the results of analyses for samples received by the laboratory on 08/12/21 15:21.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. 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:	08/12/2021	Sampling Date:	08/12/2021
Reported:	08/16/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	6IN OLD LUSK_7/19/21_001_0	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: BH 1 (H212156-01)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2021	ND	2.13	106	2.00	2.17		
Toluene*	<0.050	0.050	08/13/2021	ND	2.19	110	2.00	1.62		
Ethylbenzene*	<0.050	0.050	08/13/2021	ND	2.08	104	2.00	1.37		
Total Xylenes*	<0.150	0.150	08/13/2021	ND	6.19	103	6.00	1.28		
Total BTEX	<0.300	0.300	08/13/2021	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	
Chloride	16.0	16.0	08/13/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/13/2021	ND	202	101	200	3.01		
DRO >C10-C28*	<10.0	10.0	08/13/2021	ND	216	108	200	6.69		
EXT DRO >C28-C36	<10.0	10.0	08/13/2021	ND						

Surrogate: 1-Chlorooctane 91.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.7 % 38.9-142

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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:	08/12/2021	Sampling Date:	08/12/2021
Reported:	08/16/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	6IN OLD LUSK_7/19/21_001_0	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: BH 2 (H212156-02)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2021	ND	2.13	106	2.00	2.17	
Toluene*	<0.050	0.050	08/13/2021	ND	2.19	110	2.00	1.62	
Ethylbenzene*	<0.050	0.050	08/13/2021	ND	2.08	104	2.00	1.37	
Total Xylenes*	<0.150	0.150	08/13/2021	ND	6.19	103	6.00	1.28	
Total BTEX	<0.300	0.300	08/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	16.0	16.0	08/13/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2021	ND	202	101	200	3.01	
DRO >C10-C28*	12.1	10.0	08/13/2021	ND	216	108	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	08/13/2021	ND					

Surrogate: 1-Chlorooctane 79.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.3 % 38.9-142

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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:	08/12/2021	Sampling Date:	08/12/2021
Reported:	08/16/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	6IN OLD LUSK_7/19/21_001_0	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: BH 3 (H212156-03)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2021	ND	1.76	88.1	2.00	7.45	
Toluene*	<0.050	0.050	08/13/2021	ND	1.92	96.2	2.00	7.72	
Ethylbenzene*	<0.050	0.050	08/13/2021	ND	1.86	92.8	2.00	7.36	
Total Xylenes*	<0.150	0.150	08/13/2021	ND	5.57	92.8	6.00	7.14	
Total BTEX	<0.300	0.300	08/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	08/13/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2021	ND	202	101	200	3.01	
<b>DRO &gt;C10-C28*</b>	<b>31.7</b>	10.0	08/13/2021	ND	216	108	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	08/13/2021	ND					

Surrogate: 1-Chlorooctane 72.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 71.3 % 38.9-142

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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:	08/12/2021	Sampling Date:	08/12/2021
Reported:	08/16/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	6IN OLD LUSK_7/19/21_001_0	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: BH 4 (H212156-04)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2021	ND	1.76	88.1	2.00	7.45	
Toluene*	<0.050	0.050	08/13/2021	ND	1.92	96.2	2.00	7.72	
Ethylbenzene*	<0.050	0.050	08/13/2021	ND	1.86	92.8	2.00	7.36	
Total Xylenes*	<0.150	0.150	08/13/2021	ND	5.57	92.8	6.00	7.14	
Total BTEX	<0.300	0.300	08/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	192	16.0	08/13/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2021	ND	202	101	200	3.01	
DRO >C10-C28*	<10.0	10.0	08/13/2021	ND	216	108	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	08/13/2021	ND					

Surrogate: 1-Chlorooctane 83.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.5 % 38.9-142

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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:	08/12/2021	Sampling Date:	08/12/2021
Reported:	08/16/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	6IN OLD LUSK_7/19/21_001_0	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: BH 5 (H212156-05)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2021	ND	1.76	88.1	2.00	7.45	
Toluene*	<0.050	0.050	08/13/2021	ND	1.92	96.2	2.00	7.72	
Ethylbenzene*	<0.050	0.050	08/13/2021	ND	1.86	92.8	2.00	7.36	
Total Xylenes*	<0.150	0.150	08/13/2021	ND	5.57	92.8	6.00	7.14	
Total BTEX	<0.300	0.300	08/13/2021	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
Chloride	224	16.0	08/13/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2021	ND	202	101	200	3.01	
DRO >C10-C28*	<10.0	10.0	08/13/2021	ND	216	108	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	08/13/2021	ND					

Surrogate: 1-Chlorooctane 80.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.4 % 38.9-142

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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:	08/12/2021	Sampling Date:	08/12/2021
Reported:	08/16/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	6IN OLD LUSK_7/19/21_001_0	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: BH 6 (H212156-06)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2021	ND	1.76	88.1	2.00	7.45	
Toluene*	<0.050	0.050	08/13/2021	ND	1.92	96.2	2.00	7.72	
Ethylbenzene*	<0.050	0.050	08/13/2021	ND	1.86	92.8	2.00	7.36	
Total Xylenes*	<0.150	0.150	08/13/2021	ND	5.57	92.8	6.00	7.14	
Total BTEX	<0.300	0.300	08/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 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	224	16.0	08/13/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2021	ND	202	101	200	3.01	
DRO >C10-C28*	<10.0	10.0	08/13/2021	ND	216	108	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	08/13/2021	ND					

Surrogate: 1-Chlorooctane 77.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.3 % 38.9-142

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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:	08/12/2021	Sampling Date:	08/12/2021
Reported:	08/16/2021	Sampling Type:	Soil
Project Name:	6" OLD LUSK LINE	Sampling Condition:	Cool & Intact
Project Number:	6IN OLD LUSK_7/19/21_001_0	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO MIDSTREAM		

**Sample ID: BH 7 (H212156-07)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2021	ND	1.76	88.1	2.00	7.45	
Toluene*	<0.050	0.050	08/13/2021	ND	1.92	96.2	2.00	7.72	
Ethylbenzene*	<0.050	0.050	08/13/2021	ND	1.86	92.8	2.00	7.36	
Total Xylenes*	<0.150	0.150	08/13/2021	ND	5.57	92.8	6.00	7.14	
Total BTEX	<0.300	0.300	08/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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	256	16.0	08/13/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2021	ND	202	101	200	3.01	
DRO >C10-C28*	<10.0	10.0	08/13/2021	ND	216	108	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	08/13/2021	ND					

Surrogate: 1-Chlorooctane 75.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 72.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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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: <b>Hungry Horse</b> Project Manager: Daniel Dominguez		P.O. #: Company: Durango Midstream Attn: Harley Everhart	
Address: City: State: Zip:		Address: 47 Conoco Rd City: Mallamar State: NM Zip: 88264	
Phone #: 575-408-3134 Fax #: Project #: Project Owner:		State: NM Zip: 88264 Phone #: 575-513-4922 Fax #:	
Project Name: 6" Old Lusk_7/19/21_001_0 Project Location:		Project Name: Project Location:	
Sampler Name: Daniel Dominguez FOR LAB USE ONLY		P.O. #: Company: Durango Midstream Attn: Harley Everhart	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :						
1	BH1	C	1	X							8/12/21	X	X	X	
2	BH2	C	1	X							8/12/21	X	X	X	
3	BH3	C	1	X							8/12/21	X	X	X	
4	BH4	C	1	X							8/12/21	X	X	X	
5	BH5	C	1	X							8/12/21	X	X	X	
6	BH6	C	1	X							8/12/21	X	X	X	
7	BH7	C	1	X							8/12/21	X	X	X	

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Relinquished By: *[Signature]* Date: 8/12/21  
 Received By: *[Signature]* Date: 8/12/21  
 Time: 3:21 pm

Relinquished By: *[Signature]* Date:   
 Received By: *[Signature]* Date:   
 Time:   
 Time:

Delivered By: (Circle One)  
 Sampler - UPS - Bus - Other: **14c #113**

Sample Condition: Cool  Intact   
 Yes  No  Yes  No

CHECKED BY: *[Signature]* (Initials) **VB**

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

Phone Result:  Yes  No  No  No  
 Fax Result:  Yes  No  No  No  
 Add'l Phone #:   
 Add'l Fax #:   
 Form 5006 Rev 1/18

Report to:  
Daniel Dominguez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Durango Midstream

Project Name: 6" Old Lusk\_7/19/21\_001\_0

Work Order: E109060

Job Number: 21080-0001

Received: 9/17/2021

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
9/22/21

5796 U.S. Hwy 64  
Farmington, NM 87401

Phone: (505) 632-1881  
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.  
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Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.  
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)



Date Reported: 9/22/21

Daniel Dominguez  
10077 Grogans Mill Rd Ste 300  
The Woodlands, TX 77380

Project Name: 6" Old Lusk\_7/19/21\_001\_0  
Workorder: E109060  
Date Received: 9/17/2021 7:00:00AM

Daniel Dominguez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/17/2021 7:00:00AM, under the Project Name: 6" Old Lusk\_7/19/21\_001\_0.

The analytical test results summarized in this report with the Project Name: 6" Old Lusk\_7/19/21\_001\_0 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

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**Lynn Jarboe**  
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**Tom Brown**  
Technical Representative  
Cell: 832-444-7704  
[tbrown@envirotech-inc.com](mailto:tbrown@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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### Sample Summary

Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: 6" Old Lusk_7/19/21_001_0 Project Number: 21080-0001 Project Manager: Daniel Dominguez	<b>Reported:</b> 09/22/21 10:48
---	--	------------------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW5b 1'	E109060-01A	Soil	09/15/21	09/17/21	Glass Jar, 4 oz.



### Sample Data

Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: 6" Old Lusk_7/19/21_001_0 Project Number: 21080-0001 Project Manager: Daniel Dominguez	<b>Reported:</b> 9/22/2021 10:48:42AM
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**SW5b 1'**

**E109060-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2138040
Benzene	ND	0.0250	1	09/17/21	09/18/21	
Ethylbenzene	ND	0.0250	1	09/17/21	09/18/21	
Toluene	ND	0.0250	1	09/17/21	09/18/21	
o-Xylene	ND	0.0250	1	09/17/21	09/18/21	
p,m-Xylene	ND	0.0500	1	09/17/21	09/18/21	
Total Xylenes	ND	0.0250	1	09/17/21	09/18/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	09/17/21	09/18/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2138040
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/21	09/18/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.1 %	70-130	09/17/21	09/18/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2138044
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/21	09/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/21	09/18/21	
<i>Surrogate: n-Nonane</i>		113 %	50-200	09/17/21	09/18/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2139011
Chloride	ND	20.0	1	09/20/21	09/20/21	



### QC Summary Data

Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: 6" Old Lusk_7/19/21_001_0 Project Number: 21080-0001 Project Manager: Daniel Dominguez	<b>Reported:</b> 9/22/2021 10:48:42AM
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#### Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2138040-BLK1)

Prepared: 09/17/21 Analyzed: 09/17/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.89		8.00		98.7	70-130			

#### LCS (2138040-BS1)

Prepared: 09/17/21 Analyzed: 09/17/21

Benzene	4.59	0.0250	5.00		91.8	70-130			
Ethylbenzene	4.50	0.0250	5.00		90.1	70-130			
Toluene	4.65	0.0250	5.00		93.0	70-130			
o-Xylene	4.60	0.0250	5.00		92.0	70-130			
p,m-Xylene	9.17	0.0500	10.0		91.7	70-130			
Total Xylenes	13.8	0.0250	15.0		91.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.22		8.00		103	70-130			

#### Matrix Spike (2138040-MS1)

Source: E109055-01

Prepared: 09/17/21 Analyzed: 09/17/21

Benzene	4.92	0.0250	5.00	ND	98.3	54-133			
Ethylbenzene	4.83	0.0250	5.00	ND	96.5	61-133			
Toluene	4.98	0.0250	5.00	ND	99.6	61-130			
o-Xylene	4.93	0.0250	5.00	ND	98.5	63-131			
p,m-Xylene	9.79	0.0500	10.0	ND	97.9	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	98.1	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.54		8.00		107	70-130			

#### Matrix Spike Dup (2138040-MSD1)

Source: E109055-01

Prepared: 09/17/21 Analyzed: 09/17/21

Benzene	4.59	0.0250	5.00	ND	91.7	54-133	6.92	20	
Ethylbenzene	4.50	0.0250	5.00	ND	89.9	61-133	7.06	20	
Toluene	4.64	0.0250	5.00	ND	92.8	61-130	7.13	20	
o-Xylene	4.60	0.0250	5.00	ND	92.0	63-131	6.79	20	
p,m-Xylene	9.14	0.0500	10.0	ND	91.4	63-131	6.91	20	
Total Xylenes	13.7	0.0250	15.0	ND	91.6	63-131	6.87	20	
Surrogate: 4-Bromochlorobenzene-PID	8.36		8.00		104	70-130			



### QC Summary Data

Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: 6" Old Lusk_7/19/21_001_0 Project Number: 21080-0001 Project Manager: Daniel Dominguez	<b>Reported:</b> 9/22/2021 10:48:42AM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2138040-BLK1)**

Prepared: 09/17/21 Analyzed: 09/17/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.14		8.00		89.3	70-130			

**LCS (2138040-BS2)**

Prepared: 09/17/21 Analyzed: 09/17/21

Gasoline Range Organics (C6-C10)	51.8	20.0	50.0		104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.7	70-130			

**Matrix Spike (2138040-MS2)**

Source: E109055-01

Prepared: 09/17/21 Analyzed: 09/17/21

Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.4	70-130			

**Matrix Spike Dup (2138040-MSD2)**

Source: E109055-01

Prepared: 09/17/21 Analyzed: 09/17/21

Gasoline Range Organics (C6-C10)	50.0	20.0	50.0	ND	100	70-130	1.03	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.5	70-130			



### QC Summary Data

Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: 6" Old Lusk_7/19/21_001_0 Project Number: 21080-0001 Project Manager: Daniel Dominguez	<b>Reported:</b> 9/22/2021 10:48:42AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2138044-BLK1)**

Prepared: 09/17/21 Analyzed: 09/18/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	52.1		50.0		104	50-200			

**LCS (2138044-BS1)**

Prepared: 09/17/21 Analyzed: 09/18/21

Diesel Range Organics (C10-C28)	521	25.0	500		104	38-132			
Surrogate: <i>n</i> -Nonane	53.0		50.0		106	50-200			

**Matrix Spike (2138044-MS1)**

Source: E109057-10

Prepared: 09/17/21 Analyzed: 09/18/21

Diesel Range Organics (C10-C28)	553	25.0	500	42.1	102	38-132			
Surrogate: <i>n</i> -Nonane	53.6		50.0		107	50-200			

**Matrix Spike Dup (2138044-MSD1)**

Source: E109057-10

Prepared: 09/17/21 Analyzed: 09/18/21

Diesel Range Organics (C10-C28)	539	25.0	500	42.1	99.3	38-132	2.55	20	
Surrogate: <i>n</i> -Nonane	54.6		50.0		109	50-200			



### QC Summary Data

Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: 6" Old Lusk_7/19/21_001_0 Project Number: 21080-0001 Project Manager: Daniel Dominguez	<b>Reported:</b> 9/22/2021 10:48:42AM
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#### Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2139011-BLK1)**

Prepared: 09/20/21 Analyzed: 09/20/21

Chloride ND 20.0

**LCS (2139011-BS1)**

Prepared: 09/20/21 Analyzed: 09/20/21

Chloride 239 20.0 250 95.6 90-110

**Matrix Spike (2139011-MS1)**

Source: E109052-01

Prepared: 09/20/21 Analyzed: 09/20/21

Chloride 943 20.0 250 688 102 80-120

**Matrix Spike Dup (2139011-MSD1)**

Source: E109052-01

Prepared: 09/20/21 Analyzed: 09/20/21

Chloride 942 20.0 250 688 102 80-120 0.0297 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



### Definitions and Notes

Durango Midstream	Project Name:	6" Old Lusk_7/19/21_001_0	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	<b>Reported:</b>
The Woodlands TX, 77380	Project Manager:	Daniel Dominguez	09/22/21 10:48

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Client: Durango Midstream		Bill To		Lab Use Only				TAT			EPA Program					
Project: 6" Old Lusk_7/19/21_001_0		Attention: Harley Everhart		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA			
Project Manager: Daniel Dominguez		Address: 47 Conoco Rd.		E109460		21080000										
Address: 4024 Plains Hwy		City, State, Zip: Maljamar, NM 88264		Analysis and Method												
City, State, Zip: Lovington, NM 88260		Phone: 575-513-4922		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	RCRA				
Phone: 575 393-3386		Email: heverhart@durangomidstream.com										State				
Email: ddominguez@hungry-horse.com		Report due by:										NM	CO	UT	AZ	TX
												X				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	15-Sep	Soil	1	SW5b	1'	1							X		

**Additional Instructions:**

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only	
<i>[Signature]</i>		9/16	1:23pm	<i>[Signature]</i>		9/16	1:23	Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N	
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____	
<i>[Signature]</i>		9/16	1400	<i>[Signature]</i>		9/17/21	7:00		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4</u>	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other \_\_\_\_\_ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



**Envirotech Analytical Laboratory**

Printed: 9/17/2021 8:43:00AM

**Sample Receipt Checklist (SRC)**

**Instructions:** Please take note of any NO checkmarks.

**If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.**

Client: Durango Midstream	Date Received: 09/17/21 07:00	Work Order ID: E109060
Phone: (575) 393-3386	Date Logged In: 09/17/21 08:41	Logged In By: Alexa Michaels
Email: ddominguez@hungry-horse.com	Due Date: 09/23/21 17:00 (4 day TAT)	

**Chain of Custody (COC)**

- 1. Does the sample ID match the COC? Yes
- 2. Does the number of samples per sampling site location match the COC? Yes
- 3. Were samples dropped off by client or carrier? Yes
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

**Sample Turn Around Time (TAT)**

- 6. Did the COC indicate standard TAT, or Expedited TAT? No

**Sample Cooler**

- 7. Was a sample cooler received? Yes
- 8. If yes, was cooler received in good condition? Yes
- 9. Was the sample(s) received intact, i.e., not broken? Yes
- 10. Were custody/security seals present? No
- 11. If yes, were custody/security seals intact? NA
- 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

- 13. If no visible ice, record the temperature. Actual sample temperature: 4°C

**Sample Container**

- 14. Are aqueous VOC samples present? No
- 15. Are VOC samples collected in VOA Vials? NA
- 16. Is the head space less than 6-8 mm (pea sized or less)? NA
- 17. Was a trip blank (TB) included for VOC analyses? NA
- 18. Are non-VOC samples collected in the correct containers? Yes
- 19. Is the appropriate volume/weight or number of sample containers collected? Yes

**Field Label**

- 20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? No

**Sample Preservation**

- 21. Does the COC or field labels indicate the samples were preserved? No
- 22. Are sample(s) correctly preserved? NA
- 24. Is lab filtration required and/or requested for dissolved metals? No

**Multiphase Sample Matrix**

- 26. Does the sample have more than one phase, i.e., multiphase? No
- 27. If yes, does the COC specify which phase(s) is to be analyzed? NA

**Subcontract Laboratory**

- 28. Are samples required to get sent to a subcontract laboratory? No
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

**Comments/Resolution**

**Client Instruction**

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

**Attachment V**  
**NMOCD Form C-141 Closure Page**

Incident ID	
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: \_\_\_\_\_ Title: \_\_\_\_\_

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

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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

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

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

**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 56577

**CONDITIONS**

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 56577
	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 #NAPP2120154058 OLD LUSK 6" PIPELINE, thank you. This closure is approved.	3/4/2022