

Form C-141

State of New Mexico
Oil Conservation Division

Page 6

Incident ID	nAPP2216423721
District RP	
Facility ID	
Application ID	

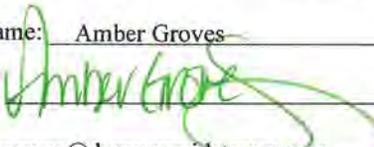
Closure

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

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

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Amber Groves Title: Remediation Specialist
 Signature:  Date: 10/28/2022
 email: agroves@durangomidstream.com Telephone: 575-703-7992

OCD Only

Received by: Robert Hamlet Date: 1/12/2023

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

Closure Approved by: Robert Hamlet Date: 1/12/2023
 Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced



Remediation Summary and Closure Request

Frontier Field Services, LLC

Skelly Inlet 18"

Eddy County, New Mexico

Unit Letter "K", Section 16, Township 17 South, Range 31 East

Latitude 32.833168 North, Longitude 103.878622 West

NMOCD Incident # nAPP2216423721

Prepared For:

Frontier Field Services, LLC

47 Conoco Rd

Maljamar, NM 88264

Prepared By:

Hungry Horse, LLC

4024 Plains Hwy

Lovington, NM 88260

Office: (575) 393-3386

October 2022

Handwritten signature of Bradley Wells in black ink.

Bradley Wells

Project Manager

bwells@hungry-horse.com

Handwritten signature of Daniel Dominguez in black ink.

Daniel Dominguez

Environmental Manager

ddominguez@hungry-horse.com

Table Of Contents

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

Figures

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

Tables

- Table 1 – Summary of Soil Sample Laboratory Analytical Results

Attachments

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

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Printed Name: Amber Groves Title: Remediation Specialist
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 email: agroves@durangomidstream.com Telephone: 575-703-7992

OCD Only

Received by: _____ Date: _____

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Closure Approved by: _____ Date: _____
 Printed Name: _____ Title: _____



HUNGRY HORSE, LLC

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

Background:

The site is located in Unit Letter K (NE/SW), Section 16, Township 17 South, Range 31 East, approximately six miles northeast of Loco Hills, in Eddy County, New Mexico. The site is located on New Mexico State Trust Land. Topographic Map, OSE POD Locations Map, and USGS Well Locations Map are included as Figure 1, Figure 2, and Figure 3, respectively.

The release occurred on an active pipeline; Latitude 32.833168 North, Longitude 103.878622 West. The Initial NMOCD Form C-141 indicated that on June 12, 2022 approximately 22.25 bbls of condensate and 25.20 Mcf of natural gas were released due to internal and external corrosion on the pipeline. A crew was dispatched to the release site and the line was repaired. No fluid was recovered. Previously submitted pages of the NMOCD Form C-141 are available on the NMOCD Imaging System. NMOCD Form Initial C-141 is also included as Attachment VIII.

NMOCD Site Classification:

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

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

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



Delineation and Remediation Activities:

On September 15, 2022, the NMCOD was contacted and a ninety-day extension was requested as the release area was outside Frontier's Right of Way on New Mexico State Trust Land. The extension allows time for an Archaeological review and Right-of-Entry permit. The NMOCD subsequently approved the ninety-day extension, moving the completion date to December 12, 2022. NMOCD correspondence is provided in Attachment II.

On October 7 and 10, 2022, Hungry Horse conducted an initial site assessment consisting of photographing and mapping the release area, and a series of sampling events. During the sampling events, hand augered soil bores were advanced within the release area in an effort to determine the vertical extent of contamination. These sample locations are identified by SP designation. In addition, hand augered soil bores were advanced along the outside edges of the release area in an effort to determine the horizontal extent of contamination. These sample locations are identified by HZ designation. During the advancement of the soil bores, soil samples were collected and field screened for the presence of chloride concentrations utilizing a Hanna® instruments DIST® 4 EC tester.

Based on field observations and field test data noted above and provided in Attachment V, twenty representative soil samples, two from each sample location, were selected for laboratory analysis. Delineation soil samples SP1 through SP4, HZ1 through HZ6, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples, with the exception of SP1 through SP4 at Surface, which exhibited TPH and chloride concentrations in excess of the NMOCD Closure Criteria.

From October 11-13, 2022, the release area was excavated to approximately three feet bgs. Soil impacted above the NMOCD Closure Criteria was excavated and temporarily stockpiled on site, atop plastic, before transport to an NMOCD approved disposal facility.

The excavated area measured approximately one hundred forty feet in length, five to twenty-five feet in width, and three feet in depth. During remediation activities approximately 768 cubic yards of impacted soil were excavated and hauled to an NMOCD approved disposal facility. Manifests can be provided upon request.

On October 14, 2022, seventeen composite confirmation soil samples were collected from the excavation floor and sidewalls, every 200 square feet and every 50 linear feet, respectively. Soil samples FL1 through FL10 and SW1 through SW7, 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.



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

Restoration, Reclamation, and Re-Vegetation:

Based upon laboratory analytical results from confirmation soil samples, the excavated area was backfilled with locally sourced, clean, non-impacted topsoil. The affected area was contoured and/or compacted to achieve erosion control, surface stability, and preserve surface water flow.

The affected area will be scarified to aid with infiltration, overall success of seed germination, and plant establishment. The affected area will then be seeded, via hand broadcast at double the recommended rate, with an NMSLO approved seed mixture, free of noxious weeds, during the first favorable growing season following these completed remediation activities. Site will also be monitored for growth and noxious weed management on a semi-annual basis until desired vegetation is achieved. NMSLO approved seed mix is provided as Attachment VII.

Closure Request:

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

Based on laboratory analytical results, Frontier Field Services, LLC respectfully requests closure of the Skelly Inlet 18" location, nAPP2216423721.

Limitations:

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



Distribution:

Frontier Field Services, LLC

47 Conoco Rd.
Maljamar, NM 88264

New Mexico Energy, Minerals and Natural Resources Department

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

New Mexico State Land Office

914 N. Linam St.
Hobbs, NM 88240

Figures

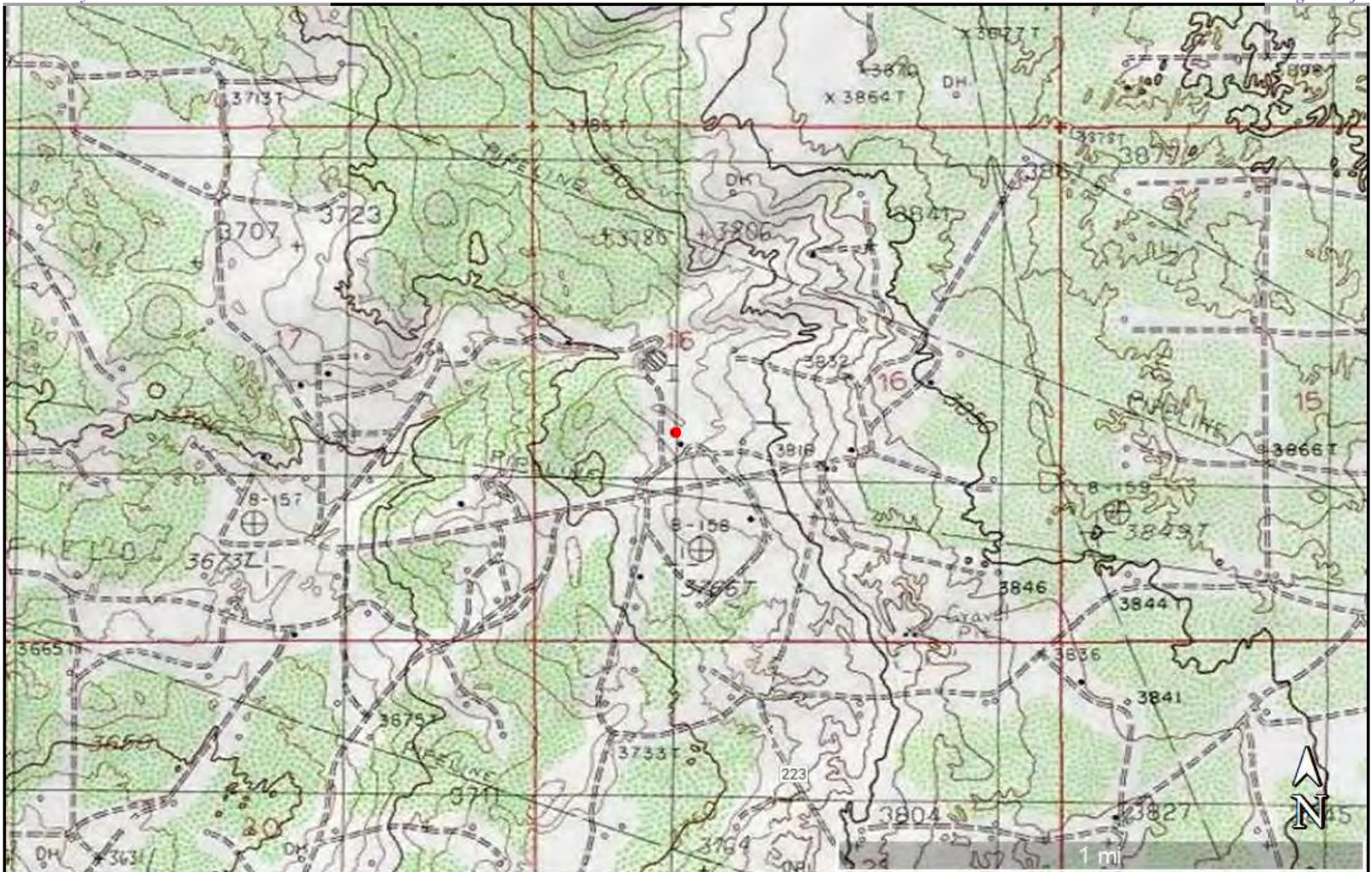


Figure 1

Topographic Map
 Frontier Field Services, LLC
 Skelly Inlet 18"
 GPS: 32.833168, -103.878622
 Eddy County

Legend:

- Skelly Inlet 18" Location

Drafted: dd
 Checked: bw
 Date: 9/21/22





Figure 2
OSE POD Locations Map
Frontier Field Services, LLC
Skelly Inlet 18"
GPS: 32.833168, -103.878622
Eddy County

Legend:

- Skelly Inlet 18" Location

Drafted: dd
Checked: bw
Date: 9/21/22



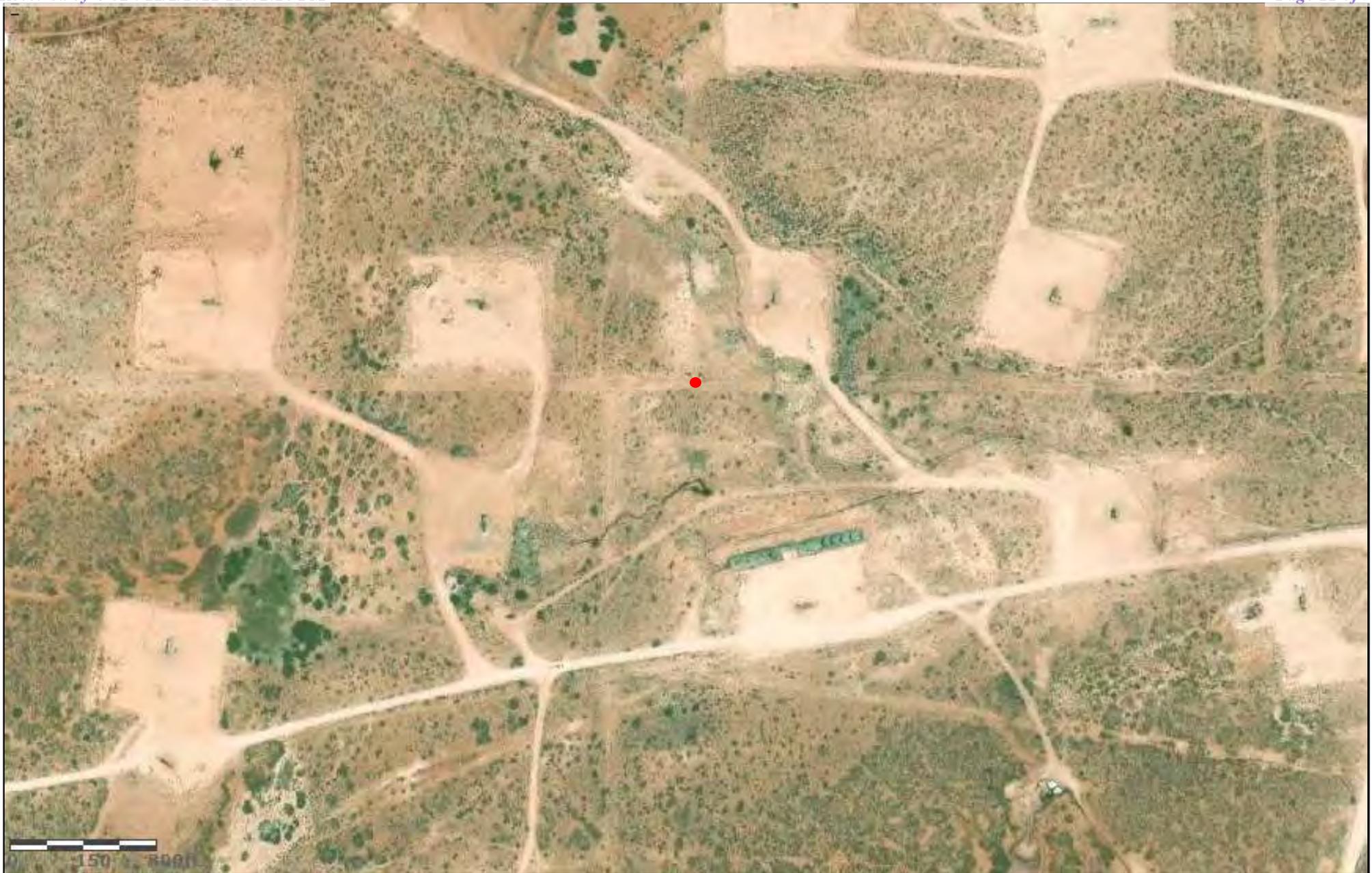


Figure 3

USGS Well Locations Map
Frontier Field Services, LLC
Skelly Inlet 18"
GPS: 32.833168, -103.878622
Eddy County

Legend:

● Skelly Inlet 18" Location



Drafted: dd
Checked: bw
Date: 9/21/22



Figure 4

Delineation Sample Map
Frontier Field Services, LLC
Skelly Inlet 18"
GPS: 32.833168, -103.878622
Eddy County

Legend:

-  Release Area
-  Delineation Sample Location

Drafted: dd
Checked: bw
Date: 10/7/22





Figure 5

Excavation Sample Map
Frontier Field Services, LLC
Skelly Inlet 18"
GPS: 32.833168, -103.878622
Eddy County

Legend:

-  Excavated Area
-  Composite Confirmation Sample Location

Drafted: dd
Checked: bw
Date: 10/14/22



Table

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Frontier Field Services, LLC
Skelly Inlet 18"
NMOCD Ref. #: nAPP2216423721

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
SP1	10/7/22	Surf	Excavated	<0.050	<0.300	<100	12,200	12,200	3,790	15,990	10,000
	10/10/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP2	10/7/22	Surf	Excavated	<0.050	<0.300	<100	6,360	6,360	2,180	8,540	1,440
	10/10/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP3	10/7/22	Surf	Excavated	<0.050	<0.300	<100	12,800	12,800	3,900	16,700	1,200
	10/10/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP4	10/7/22	Surf	Excavated	<0.050	<0.300	<100	5,310	5,310	1,600	6,910	3,760
	10/10/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
HZ1	10/7/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	10/7/22	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
HZ2	10/7/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	10/7/22	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
HZ3	10/7/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	10/7/22	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ4	10/7/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	10/7/22	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ5	10/7/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	10/7/22	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ6	10/7/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	10/7/22	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL1	10/14/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL2	10/14/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL3	10/14/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL4	10/14/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL5	10/14/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL6	10/14/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL7	10/14/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL8	10/14/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL9	10/14/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL10	10/14/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW1	10/14/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW2	10/14/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW3	10/14/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW4	10/14/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW5	10/14/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW6	10/14/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW7	10/14/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

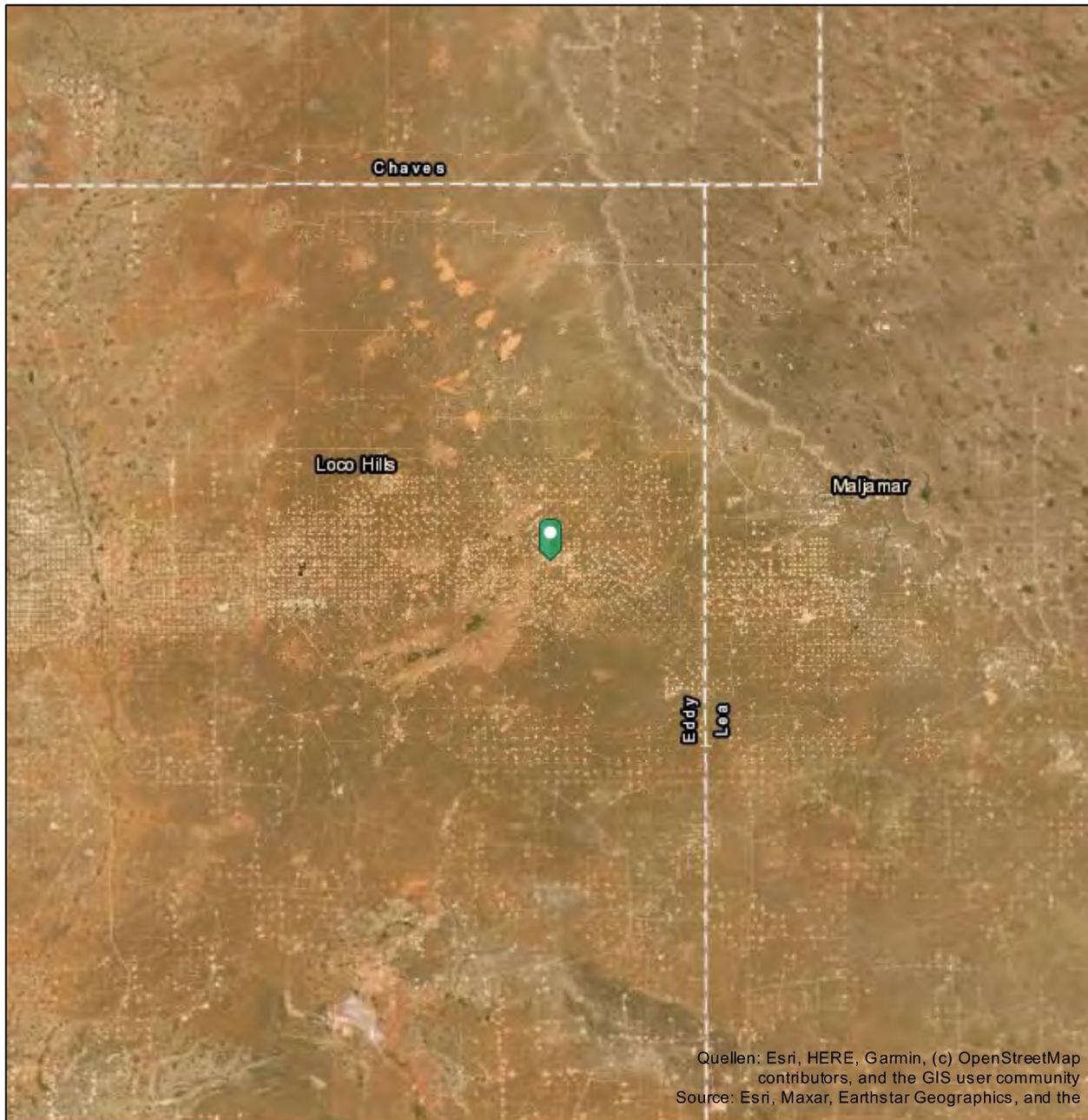
NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

Attachment I

Karst and Wetland Maps



Karst springs

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

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

- Water abstraction structure in karst aquifer

- Ω Cave systems

- ▲ Border between exposed and non-exposed karstifiable rocks

- Selected city, partly dependent on groundwater

- Boundary of continuous permafrost

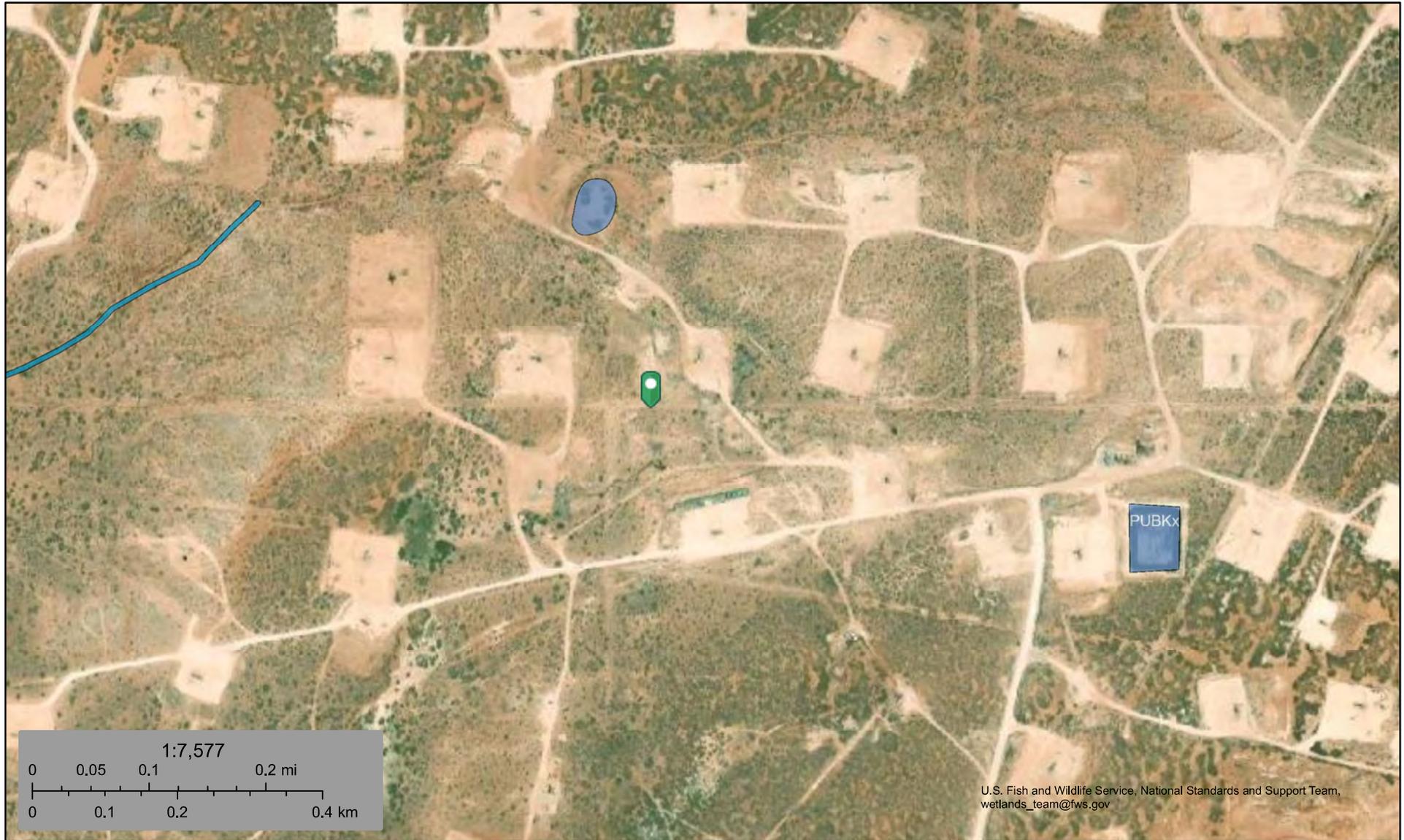
- Continuous ice sheet

Karstifiable rocks (potential karst aquifer)

- Continuous carbonate rocks



Skelly Inlet 18"



U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands_team@fws.gov

October 7, 2022

Wetlands

- | | | | | | |
|---|--------------------------------|---|-----------------------------------|---|----------|
|  | Estuarine and Marine Deepwater |  | Freshwater Emergent Wetland |  | Lake |
|  | Estuarine and Marine Wetland |  | Freshwater Forested/Shrub Wetland |  | Other |
| | |  | Freshwater Pond |  | Riverine |

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

Attachment II NMOCD Correspondence

Daniel Dominguez

From: Amber Groves <AGroves@durangomidstream.com>
Sent: Tuesday, October 25, 2022 8:56 AM
To: Daniel Dominguez
Subject: FW: nAPP2216423721 Frontier Field Services 18" Skelly Inlet Extension Request

From: Amber Groves
Sent: Thursday, September 15, 2022 2:01 PM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>; Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Cc: Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>; Bratcher, Mike, EMNRD <Mike.Bratcher@state.nm.us>; Chad Frost <CFrost@durangomidstream.com>
Subject: nAPP2216423721 Frontier Field Services 18" Skelly Inlet Extension Request

Good Afternoon,

Frontier Field Services would like to respectfully request a 90 day extension for nAPP2216423721 18" Skelly Inlet. Impacts are outside of our ROW area and this is located on New Mexico State Trust Land. As such, Archeological review was required as well as a Right-of-Entry Request. We are waiting on the final signed ROE from SLO that should be here any day now. I apologize that I am a few days late with this request as well as I have two locations with the same name and got the release dates mixed up. Please feel free to give me a call with any questions.

Thank you,

Amber Groves | Sr. Environmental Specialist
Mobile 575.703.7992



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

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Daniel Dominguez

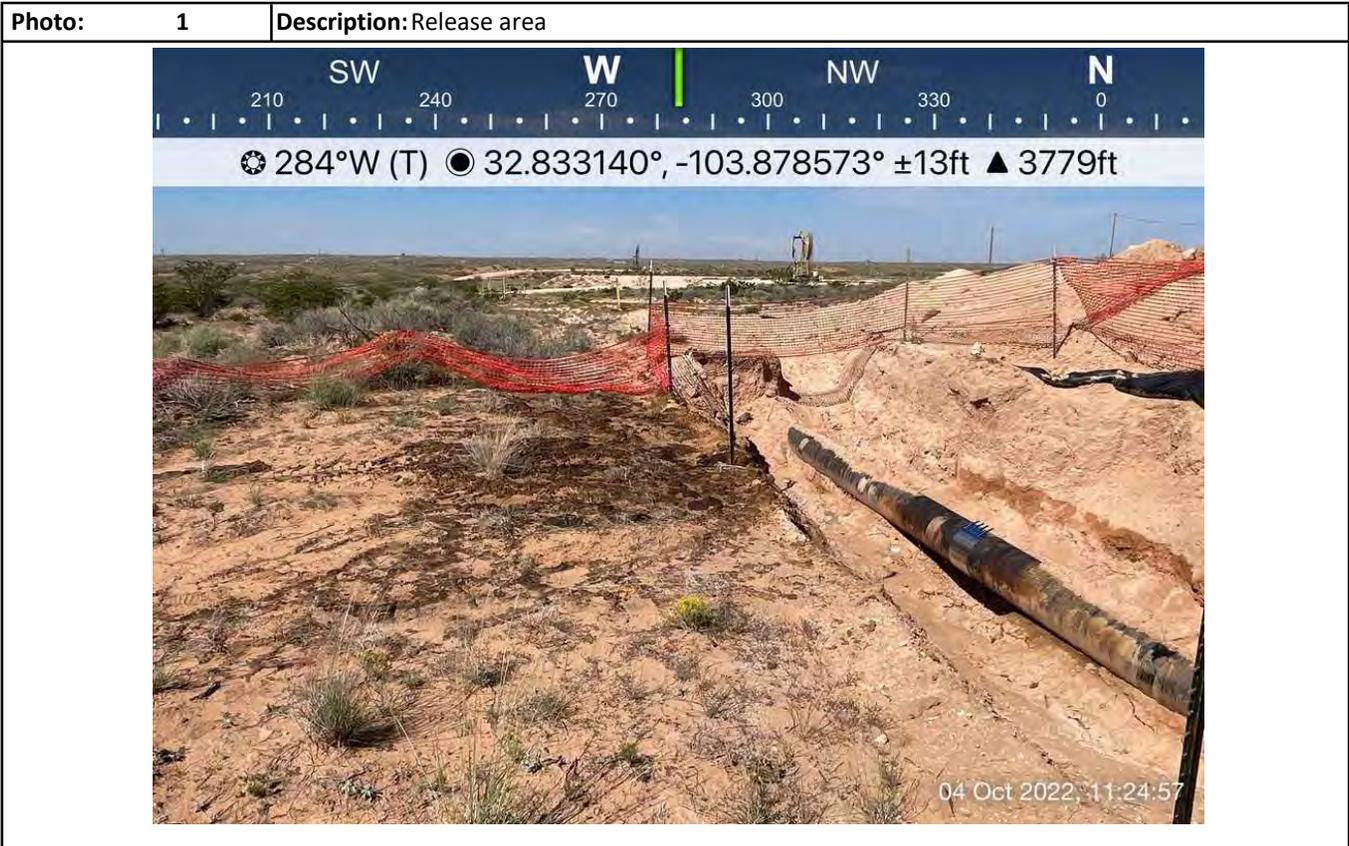
From: Daniel Dominguez
Sent: Wednesday, October 12, 2022 8:32 AM
To: 'Enviro, OCD, EMNRD'
Subject: Closure Samples

We will collect closure samples at the 18" Skelly Inlet (nAPP2216423721) on Friday, October 14, 2022, at 7 am. This is our 48 hour notice.

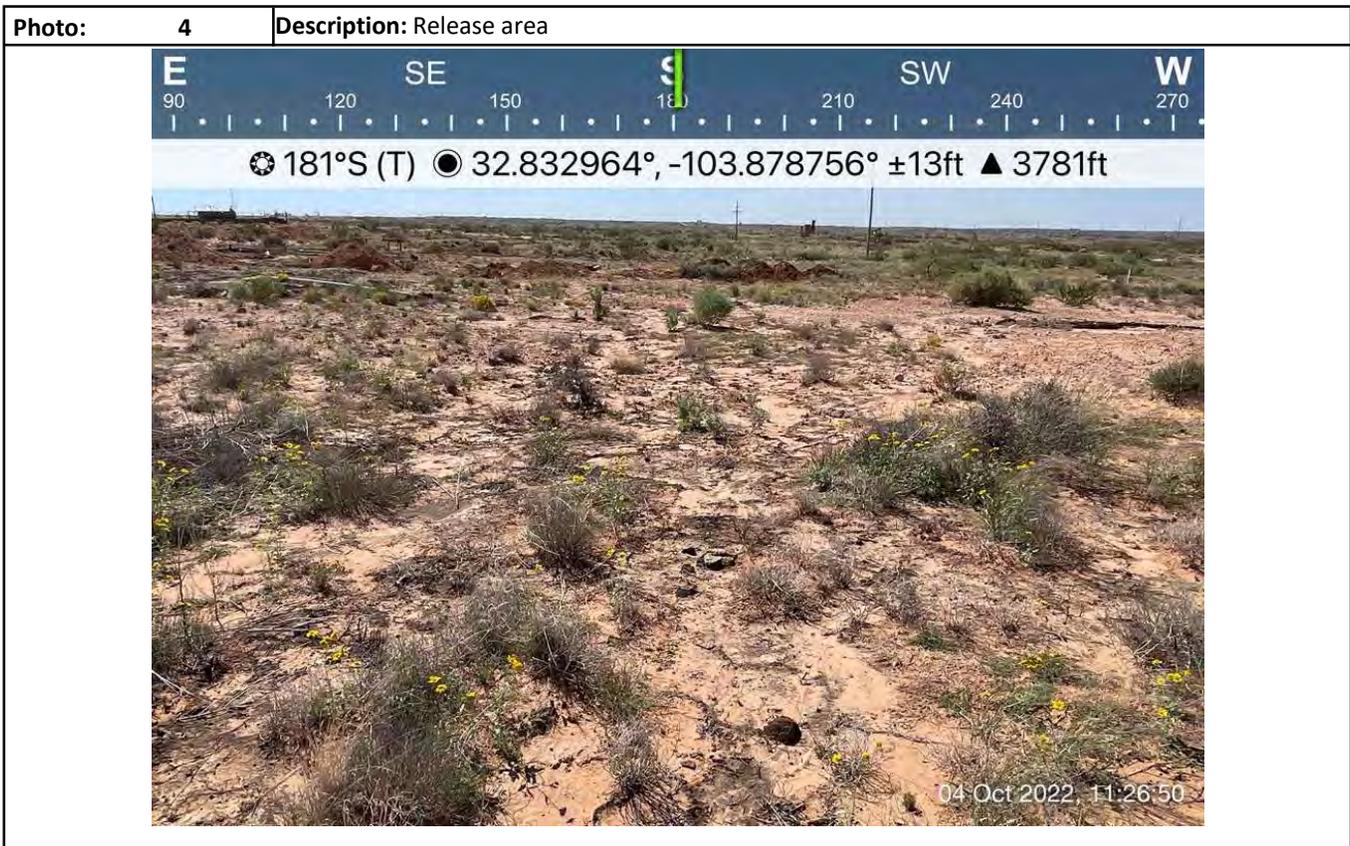
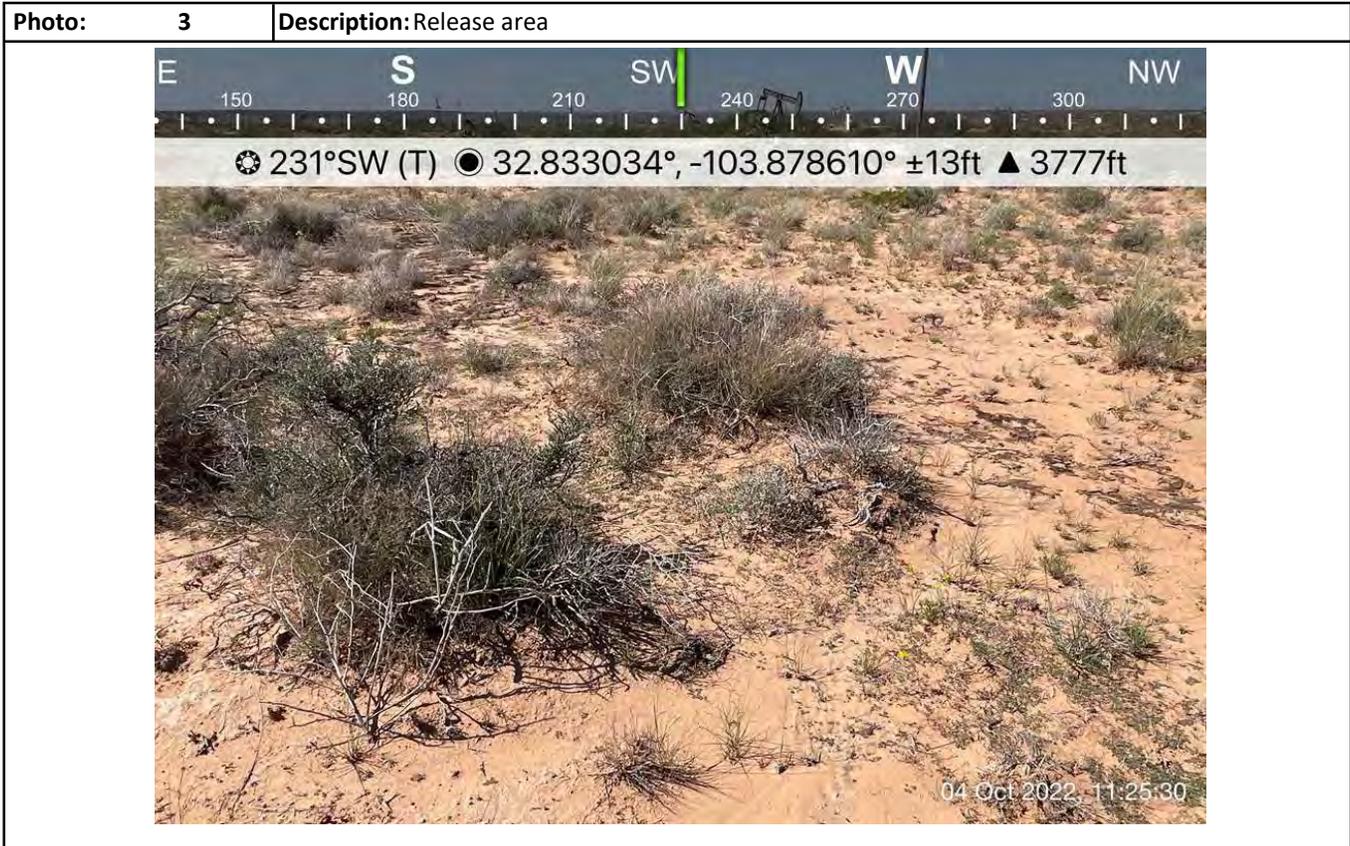
Daniel Dominguez
Environmental Manager
Hungry Horse, LLC
(mobile) 575-408-3134
ddominguez@hungry-horse.com

Attachment III Site Photographs

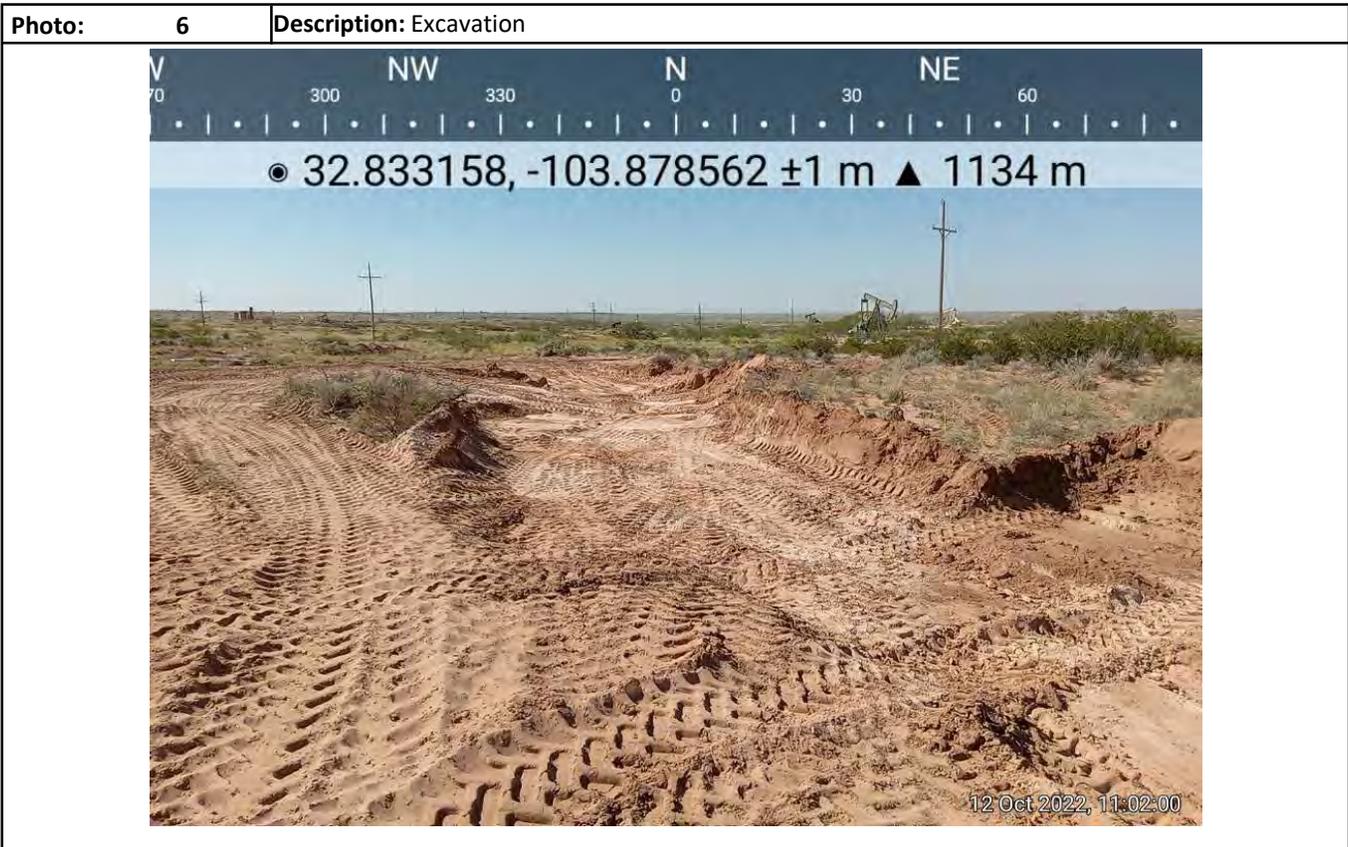
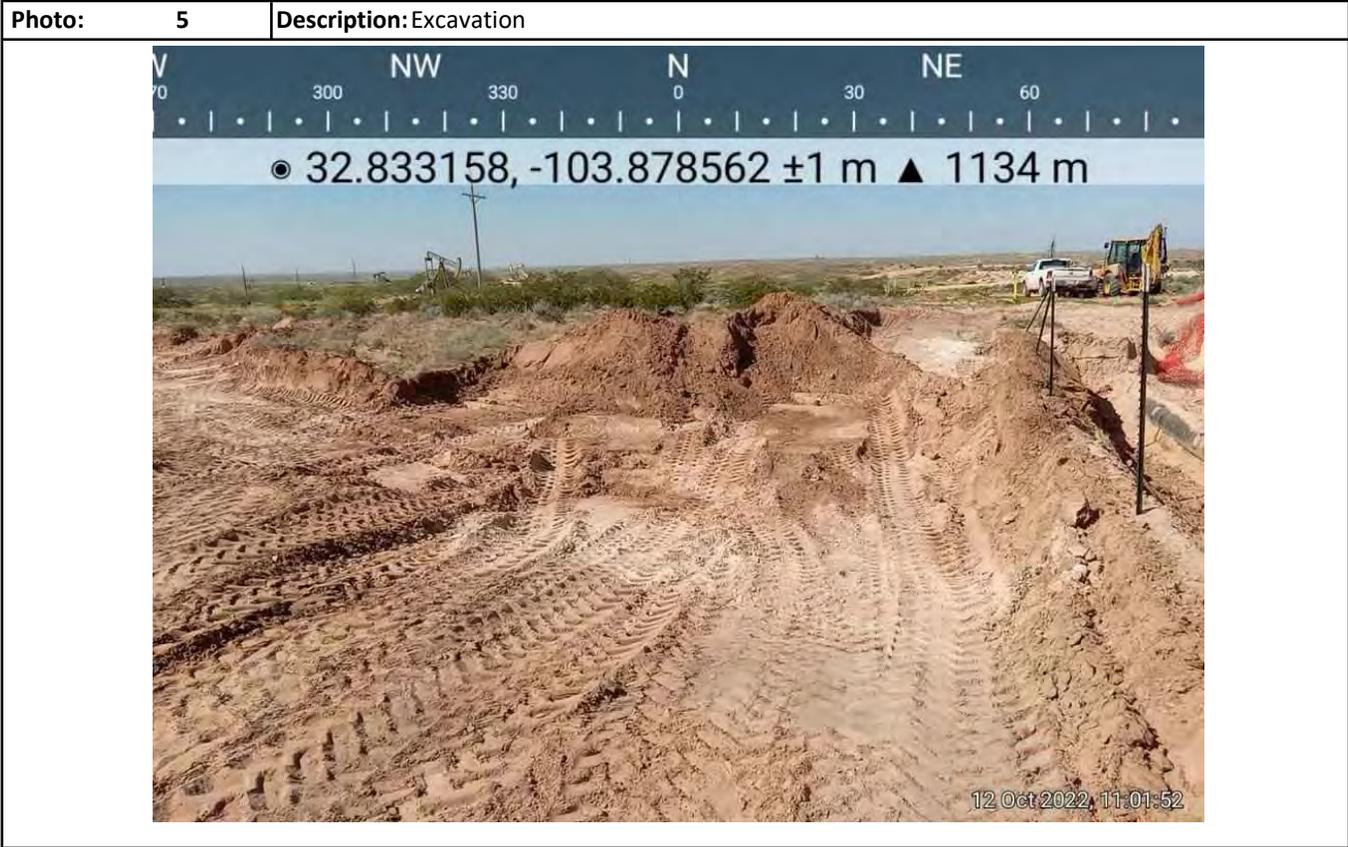
Photographs



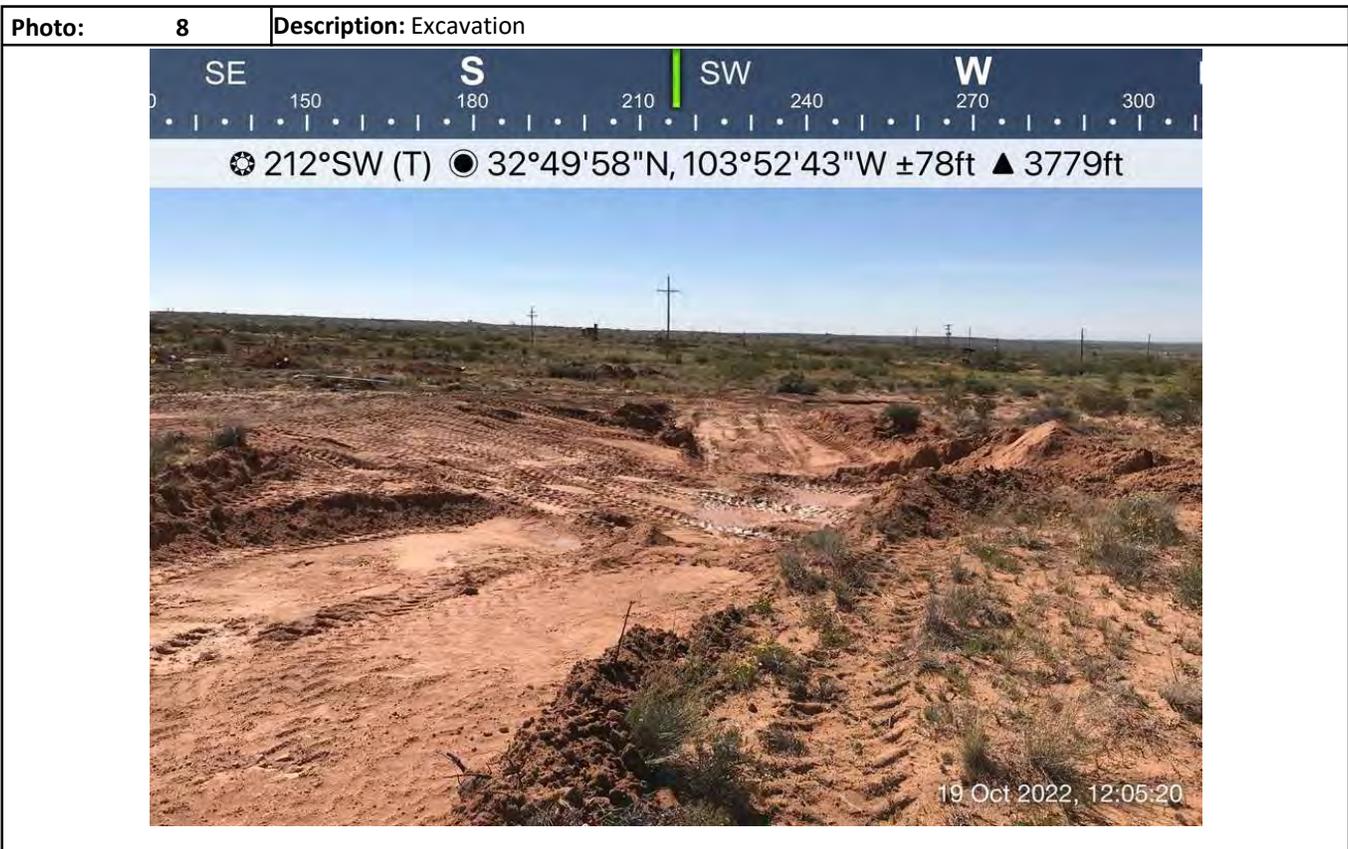
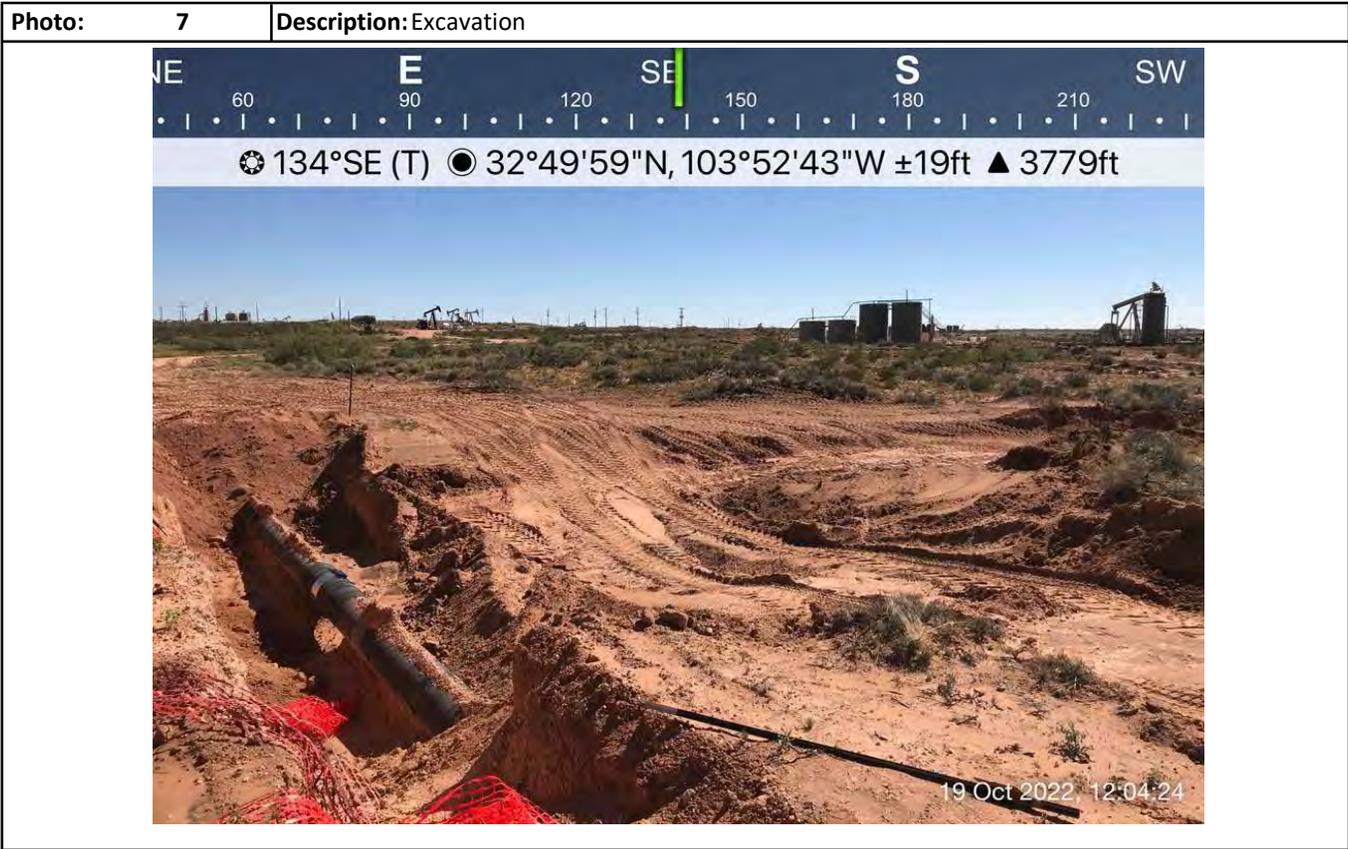
Photographs



Photographs



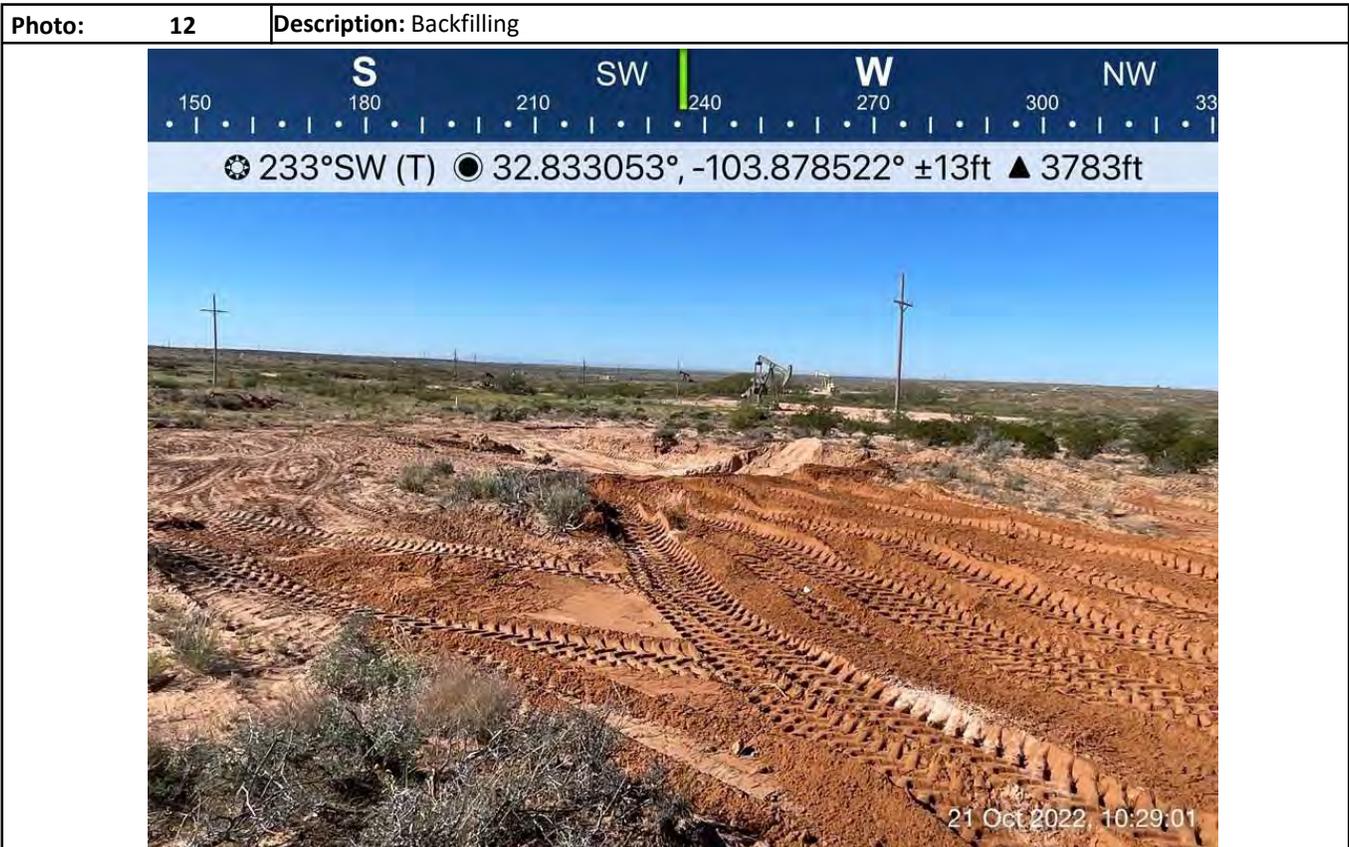
Photographs



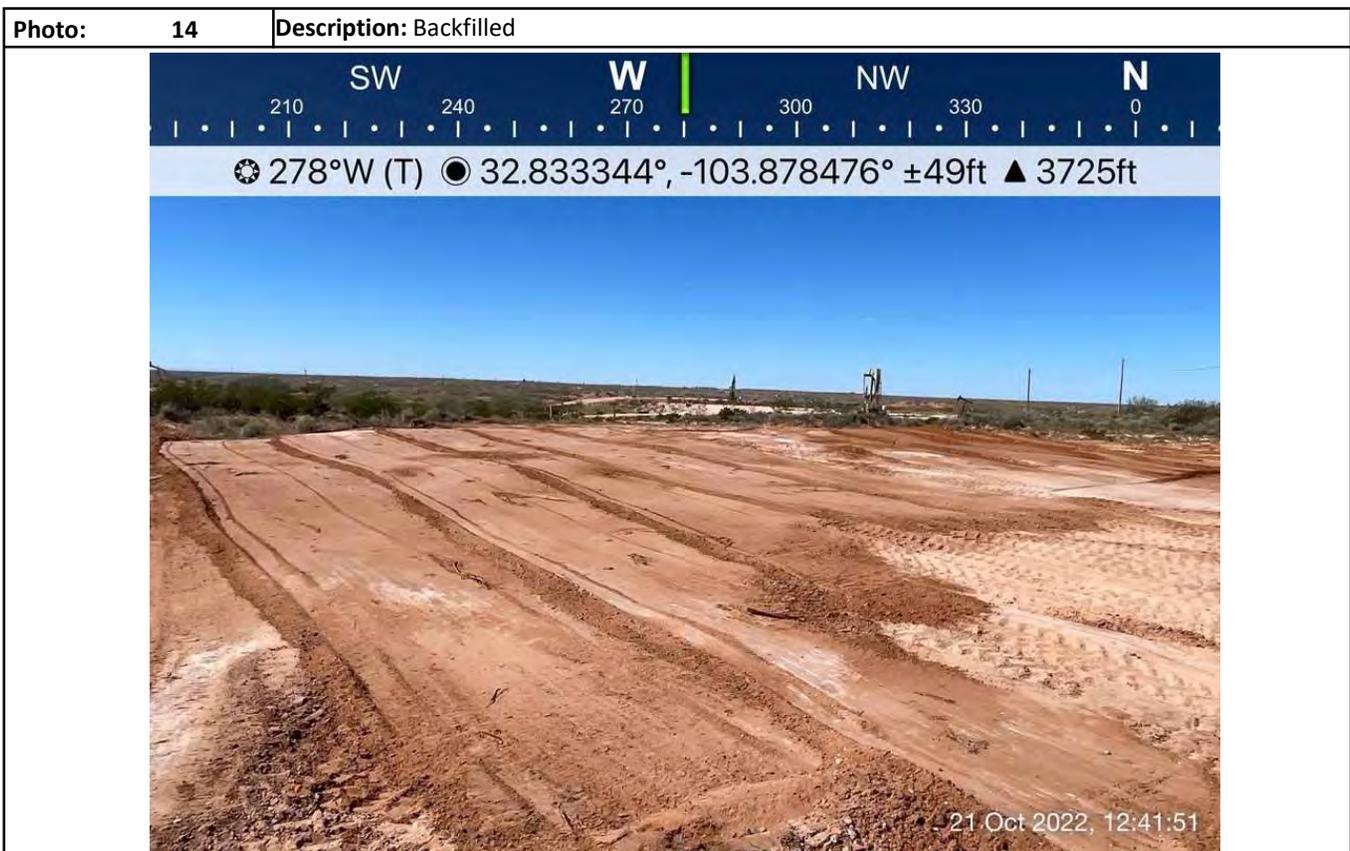
Photographs



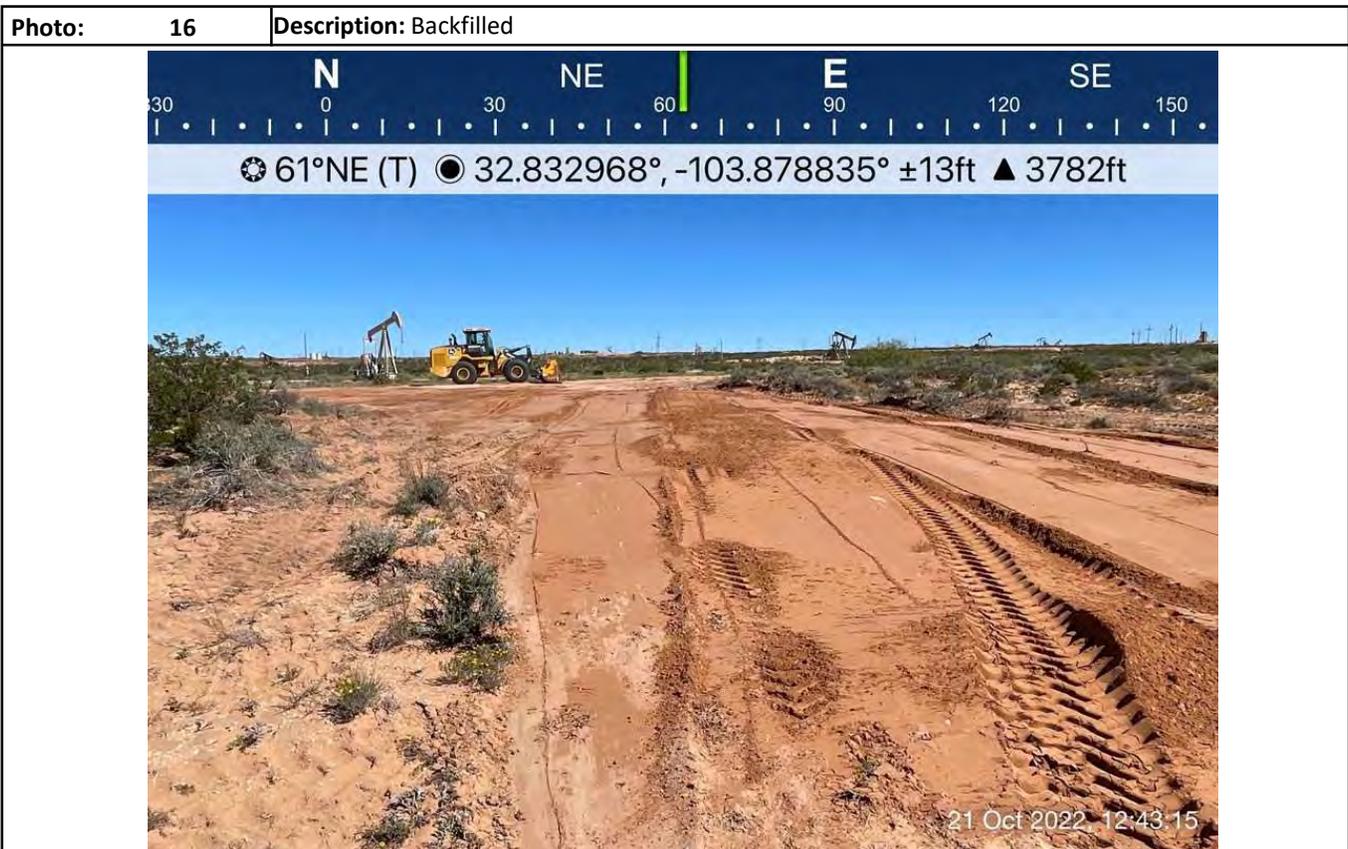
Photographs



Photographs



Photographs



Attachment IV Depth to Groundwater



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

No wells found.

UTMNA83 Radius Search (in meters):

Easting (X): 604953.94

Northing (Y): 3633349

Radius: 805

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

10/21/22 12:16 PM

WELLS WITH WELL LOG INFORMATION

Attachment V Field Data

Hungry Horse, LLC

Sample Log

Date: 10/17/22

Project: Skelly Inlet 18"

Latitude: 32.833168

Longitude: -103.878622

Sampler: Jorge Valeriano

Sample ID	Depth	PID/Odor	Chloride	GPS
SP1-Surf	Surf	TPH	10.99 x 1000 = 10,999	
SP2-Surf	Surf	TPH	2.0 x 1000 = 2,000	
SP3-Surf	Surf	TPH	.87 x 1000 = 870	
SP4-Surf	Surf	TPH	3.54 x 1000 = 3,574	
HZ1-Surf	Surf	N/A	.08 x 1000 = 80	
HZ1-1'	1'	N/A	.07 x 1000 = 70	
HZ2-Surf	Surf	N/A	.06 x 1000 = 60	
HZ2-1'	1'	N/A	.07 x 1000 = 70	
HZ3-Surf	Surf	N/A	.05 x 1000 = 50	
HZ3-1'	1'	N/A	.05 x 1000 = 50	
HZ4-Surf	Surf	N/A	.05 x 1000 = 50	
HZ4-1'	1'	N/A	.04 x 1000 = 40	
HZ5-Surf	Surf	N/A	.08 x 1000 = 80	
HZ5-1'	1'	N/A	.07 x 1000 = 70	
HZ6-Surf	Surf	N/A	.05 x 1000 = 50	
HZ6-1'	1'	N/A	.05 x 1000 = 50	
Stockpile SP1		N/A	.06 x 1000 = 60	
Stockpile SP2		N/A	.06 x 1000 = 60	
Stockpile SP3		N/A	.07 x 1000 = 70	
Stockpile SP4		N/A	.10 x 1000 = 100	

Sample Point = SP1 @ ## etc

Horizontal = HZ1 etc

Test Trench = TT1 @ ##

Floor = FL1 etc

Refusal = SP1 @ 4'-R

Resamples = SP1b @ 5' or SW #1b

Sidewall = SW1 etc

GPS Sample Points, Center of Comp Areas

Stockpile = Stockpile #1

Hungry Horse, LLC

Sample Log

Date: 10/14/22

Project: Skelly Inlet 18"

Latitude: 32.833168

Longitude: -103.878622

Sampler: Jorge Valeriano

Sample ID	Depth	PID/Odor	Chloride	GPS
FL 1	3'	N/A	.11 x 1000 = 110	
FL 2	3'	N/A	.12 x 1000 = 120	
FL 3	3'	N/A	.05 x 1000 = 50	
FL 4	3'	N/A	.04 x 1000 = 40	
FL 5	3'	N/A	2.2 = 57 x 4 = 228	
FL 6	3'	N/A	2.0 = 50 x 4 = 200	
FL 7	3'	N/A	2.0 = 50 x 4 = 200	
FL 8	3'	N/A	2.0 = 50 x 4 = 200	
FL 9	3'	N/A	2.8 = 83 x 4 = 332	
FL 10	3'	N/A	2.8 = 83 x 4 = 332	
SW 1	2'	N/A	.06 x 1000 = 60	
SW 2	2'	N/A	.05 x 1000 = 50	
SW 3	2'	N/A	.10 x 1000 = 100	
SW 4	2'	N/A	.09 x 1000 = 90	
SW 5	2'	N/A	.14 x 1000 = 140	
SW 6	2'	N/A	.13 x 1000 = 130	
SW 7	2'	N/A	.14 x 1000 = 140	

Sample Point = SP1 @ ## etc

Horizontal = HZ1 etc

Test Trench = TT1 @ ##

Floor = FL1 etc

Refusal = SP1 @ 4'-R

Resamples = SP1b @ 5' or SW #1b

Sidewall = SW1 etc

GPS Sample Points, Center of Comp Areas

Stockpile = Stockpile #1

Attachment VI

Laboratory Analytical Reports



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

October 12, 2022

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: SKELLY INLET 18"

Enclosed are the results of analyses for samples received by the laboratory on 10/07/22 12:50.

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

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:	10/07/2022	Sampling Date:	10/07/2022
Reported:	10/12/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: SP 1 - SURF (H224720-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	2.22	111	2.00	0.232	
Toluene*	<0.050	0.050	10/11/2022	ND	2.10	105	2.00	0.153	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	2.03	101	2.00	0.491	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.18	103	6.00	0.756	
Total BTEX	<0.300	0.300	10/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	10000	16.0	10/11/2022	ND	416	104	400	3.77	

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	10/11/2022	ND	203	102	200	6.83		
DRO >C10-C28*	12200	100	10/11/2022	ND	214	107	200	6.07		
EXT DRO >C28-C36	3790	100	10/11/2022	ND						

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 364 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/07/2022	Sampling Date:	10/07/2022
Reported:	10/12/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: SP 2 - SURF (H224720-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	2.22	111	2.00	0.232	
Toluene*	<0.050	0.050	10/11/2022	ND	2.10	105	2.00	0.153	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	2.03	101	2.00	0.491	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.18	103	6.00	0.756	
Total BTEX	<0.300	0.300	10/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 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	1440	16.0	10/11/2022	ND	416	104	400	3.77	

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	10/11/2022	ND	203	102	200	6.83		
DRO >C10-C28*	6360	100	10/11/2022	ND	214	107	200	6.07		
EXT DRO >C28-C36	2180	100	10/11/2022	ND						

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 202 % 46.3-178

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/07/2022	Sampling Date:	10/07/2022
Reported:	10/12/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: SP 3 - SURF (H224720-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	2.22	111	2.00	0.232	
Toluene*	<0.050	0.050	10/11/2022	ND	2.10	105	2.00	0.153	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	2.03	101	2.00	0.491	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.18	103	6.00	0.756	
Total BTEX	<0.300	0.300	10/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 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	1200	16.0	10/11/2022	ND	416	104	400	3.77	

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	10/11/2022	ND	203	102	200	6.83		
DRO >C10-C28*	12800	100	10/11/2022	ND	214	107	200	6.07		
EXT DRO >C28-C36	3900	100	10/11/2022	ND						

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 327 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/07/2022	Sampling Date:	10/07/2022
Reported:	10/12/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: SP 4 - SURF (H224720-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	2.22	111	2.00	0.232	
Toluene*	<0.050	0.050	10/11/2022	ND	2.10	105	2.00	0.153	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	2.03	101	2.00	0.491	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.18	103	6.00	0.756	
Total BTEX	<0.300	0.300	10/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 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	3760	16.0	10/11/2022	ND	416	104	400	3.77	

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	10/11/2022	ND	203	102	200	6.83		
DRO >C10-C28*	5310	100	10/11/2022	ND	214	107	200	6.07		
EXT DRO >C28-C36	1600	100	10/11/2022	ND						

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 185 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/07/2022	Sampling Date:	10/07/2022
Reported:	10/12/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: HZ 1 - SURF (H224720-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	2.22	111	2.00	0.232	
Toluene*	<0.050	0.050	10/11/2022	ND	2.10	105	2.00	0.153	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	2.03	101	2.00	0.491	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.18	103	6.00	0.756	
Total BTEX	<0.300	0.300	10/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/11/2022	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	10/11/2022	ND	203	102	200	6.83	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	214	107	200	6.07	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/07/2022	Sampling Date:	10/07/2022
Reported:	10/12/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: HZ 1 - 1' (H224720-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	2.22	111	2.00	0.232	
Toluene*	<0.050	0.050	10/11/2022	ND	2.10	105	2.00	0.153	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	2.03	101	2.00	0.491	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.18	103	6.00	0.756	
Total BTEX	<0.300	0.300	10/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/11/2022	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	10/12/2022	ND	203	102	200	6.83	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	214	107	200	6.07	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 79.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.3 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/07/2022	Sampling Date:	10/07/2022
Reported:	10/12/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: HZ 2 - SURF (H224720-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	2.22	111	2.00	0.232	
Toluene*	<0.050	0.050	10/11/2022	ND	2.10	105	2.00	0.153	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	2.03	101	2.00	0.491	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.18	103	6.00	0.756	
Total BTEX	<0.300	0.300	10/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 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	32.0	16.0	10/11/2022	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	10/11/2022	ND	203	102	200	6.83	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	214	107	200	6.07	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/07/2022	Sampling Date:	10/07/2022
Reported:	10/12/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: HZ 2 - 1' (H224720-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	2.22	111	2.00	0.232	
Toluene*	<0.050	0.050	10/11/2022	ND	2.10	105	2.00	0.153	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	2.03	101	2.00	0.491	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.18	103	6.00	0.756	
Total BTEX	<0.300	0.300	10/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/11/2022	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	10/11/2022	ND	203	102	200	6.83	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	214	107	200	6.07	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 99.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Analytical Results For:

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

Received:	10/07/2022	Sampling Date:	10/07/2022
Reported:	10/12/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: HZ 3 - SURF (H224720-09)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	1.95	97.4	2.00	1.84	
Toluene*	<0.050	0.050	10/11/2022	ND	1.92	96.0	2.00	3.03	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	1.89	94.5	2.00	2.49	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	5.77	96.2	6.00	2.72	
Total BTEX	<0.300	0.300	10/11/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/11/2022	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	10/11/2022	ND	203	102	200	6.83	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	214	107	200	6.07	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/07/2022	Sampling Date:	10/07/2022
Reported:	10/12/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: HZ 3 - 1' (H224720-10)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	1.95	97.4	2.00	1.84	
Toluene*	<0.050	0.050	10/11/2022	ND	1.92	96.0	2.00	3.03	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	1.89	94.5	2.00	2.49	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	5.77	96.2	6.00	2.72	
Total BTEX	<0.300	0.300	10/11/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/11/2022	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	10/11/2022	ND	195	97.4	200	4.38	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	192	96.1	200	12.6	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/07/2022	Sampling Date:	10/07/2022
Reported:	10/12/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: HZ 4 - SURF (H224720-11)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	1.95	97.4	2.00	1.84	
Toluene*	<0.050	0.050	10/11/2022	ND	1.92	96.0	2.00	3.03	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	1.89	94.5	2.00	2.49	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	5.77	96.2	6.00	2.72	
Total BTEX	<0.300	0.300	10/11/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/11/2022	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	10/11/2022	ND	195	97.4	200	4.38	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	192	96.1	200	12.6	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 96.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 120 % 46.3-178

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Analytical Results For:

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

Received:	10/07/2022	Sampling Date:	10/07/2022
Reported:	10/12/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: HZ 4 - 1' (H224720-12)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	1.95	97.4	2.00	1.84	
Toluene*	<0.050	0.050	10/11/2022	ND	1.92	96.0	2.00	3.03	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	1.89	94.5	2.00	2.49	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	5.77	96.2	6.00	2.72	
Total BTEX	<0.300	0.300	10/11/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/11/2022	ND	384	96.0	400	4.08	

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	10/11/2022	ND	195	97.4	200	4.38	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	192	96.1	200	12.6	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/07/2022	Sampling Date:	10/07/2022
Reported:	10/12/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: HZ 5 - SURF (H224720-13)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	1.95	97.4	2.00	1.84	
Toluene*	<0.050	0.050	10/11/2022	ND	1.92	96.0	2.00	3.03	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	1.89	94.5	2.00	2.49	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	5.77	96.2	6.00	2.72	
Total BTEX	<0.300	0.300	10/11/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/11/2022	ND	384	96.0	400	4.08	

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	10/11/2022	ND	195	97.4	200	4.38	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	192	96.1	200	12.6	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 93.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/07/2022	Sampling Date:	10/07/2022
Reported:	10/12/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: HZ 5 - 1' (H224720-14)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/11/2022	ND	1.95	97.4	2.00	1.84		
Toluene*	<0.050	0.050	10/11/2022	ND	1.92	96.0	2.00	3.03		
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	1.89	94.5	2.00	2.49		
Total Xylenes*	<0.150	0.150	10/11/2022	ND	5.77	96.2	6.00	2.72		
Total BTEX	<0.300	0.300	10/11/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	384	96.0	400	4.08		

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	10/11/2022	ND	195	97.4	200	4.38		
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	192	96.1	200	12.6		
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND						

Surrogate: 1-Chlorooctane 93.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/07/2022	Sampling Date:	10/07/2022
Reported:	10/12/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: HZ 6 - SURF (H224720-15)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	1.95	97.4	2.00	1.84	
Toluene*	<0.050	0.050	10/11/2022	ND	1.92	96.0	2.00	3.03	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	1.89	94.5	2.00	2.49	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	5.77	96.2	6.00	2.72	
Total BTEX	<0.300	0.300	10/11/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/11/2022	ND	384	96.0	400	4.08	

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	10/11/2022	ND	195	97.4	200	4.38	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	192	96.1	200	12.6	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 120 % 46.3-178

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/07/2022	Sampling Date:	10/07/2022
Reported:	10/12/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: HZ 6 - 1' (H224720-16)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	1.95	97.4	2.00	1.84	
Toluene*	<0.050	0.050	10/11/2022	ND	1.92	96.0	2.00	3.03	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	1.89	94.5	2.00	2.49	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	5.77	96.2	6.00	2.72	
Total BTEX	<0.300	0.300	10/11/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/11/2022	ND	384	96.0	400	4.08	

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	10/11/2022	ND	195	97.4	200	4.38	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	192	96.1	200	12.6	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
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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*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC
Project Manager: Daniel Dominguez
Address: PO Box 1058
City: Hobbs **State:** NM **Zip:** 88241
Phone #: 575 393-3386 **Fax #:**
Project #:
Project Name: Skelly Inlet 18"
Project Location: UL/K Sec 16 T17S - R31E
Sampler Name: Jorge Valeriano

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

ANALYSIS REQUEST

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:					
H224720	1	G	1	X							10/7/22		X	X	X
	2	G	1	X							10/7/22		X	X	X
	3	G	1	X							10/7/22		X	X	X
	4	G	1	X							10/7/22		X	X	X
	5	G	1	X							10/7/22		X	X	X
	6	G	1	X							10/7/22		X	X	X
	7	G	1	X							10/7/22		X	X	X
	8	G	1	X							10/7/22		X	X	X
	9	G	1	X							10/7/22		X	X	X
	10	G	1	X							10/7/22		X	X	X

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Relinquished By: Jorge Valeriano
Date: 10/7/22
Time: 12:50
Received By: Jamarita Delgado
Date:
Time:

Delivered By: (Circle One)
 UPS Bus Other: 2.9c/2.3c #113
Sample Condition: Cool Intact
 Yes No Yes No
CHECKED BY: (Initials) VP

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

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: PO Box 1058
 City: Hobbs State: NM Zip: 88241
 Phone #: 575 393-3386 Fax #:
 Project #:
 Project Name: Skelly Inlet 18"
 Project Location: UL/ K Sec 16 T17S - R31E
 Sampler Name: Jorge Valeriano
 P.O. #:
 Company: Frontier Field Services, LLC
 Attn: Amber Groves
 Address: 47 Conoco Rd
 City: Maljamar
 State: NM Zip: 88264
 Phone #: 575-703-7992
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H24720														
11	HZ4-Surf	G	1	X					10/7/22		X	X	X	
12	HZ4-1'	G	1	X					10/7/22		X	X	X	
13	HZ5-Surf	G	1	X					10/7/22		X	X	X	
14	HZ5-1'	G	1	X					10/7/22		X	X	X	
15	HZ6-Surf	G	1	X					10/7/22		X	X	X	
16	HZ6-1'	G	1	X					10/7/22		X	X	X	

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Relinquished By: *Jorge Valeriano* Date: 10/7/22 Time: 12:50
 Received By: *Jessica Blalock*
 Relinquished By: _____ Date: _____ Time: _____
 Received By: _____
 Delivered By: (Circle One) UPS Bus Other: *2.9c/2.3c #13*
 Sample Condition: Intact Cool Yes No
 CHECKED BY: *VS* (Initials)
 REMARKS: Email results to: pm@hungry-horse.com
 agroves@durangomidstream.com

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



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

October 14, 2022

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: SKELLY INLET 18"

Enclosed are the results of analyses for samples received by the laboratory on 10/10/22 14:35.

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

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:	10/10/2022	Sampling Date:	10/10/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: SP1 (H224744-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2022	ND	2.13	107	2.00	1.84	
Toluene*	<0.050	0.050	10/13/2022	ND	2.04	102	2.00	2.72	
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.01	100	2.00	1.98	
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.12	102	6.00	1.78	
Total BTEX	<0.300	0.300	10/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 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	32.0	16.0	10/12/2022	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	10/12/2022	ND	203	101	200	0.862	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	208	104	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/10/2022	Sampling Date:	10/10/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: SP2 (H224744-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.13	107	2.00	1.84		
Toluene*	<0.050	0.050	10/13/2022	ND	2.04	102	2.00	2.72		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.01	100	2.00	1.98		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.12	102	6.00	1.78		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/12/2022	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	10/12/2022	ND	203	101	200	0.862		
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	208	104	200	1.67		
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND						

Surrogate: 1-Chlorooctane 90.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/10/2022	Sampling Date:	10/10/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: SP3 (H224744-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2022	ND	2.13	107	2.00	1.84	
Toluene*	<0.050	0.050	10/13/2022	ND	2.04	102	2.00	2.72	
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.01	100	2.00	1.98	
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.12	102	6.00	1.78	
Total BTEX	<0.300	0.300	10/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 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	32.0	16.0	10/12/2022	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	10/12/2022	ND	203	101	200	0.862	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	208	104	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 94.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/10/2022	Sampling Date:	10/10/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: SP4 (H224744-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2022	ND	2.13	107	2.00	1.84	
Toluene*	<0.050	0.050	10/13/2022	ND	2.04	102	2.00	2.72	
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.01	100	2.00	1.98	
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.12	102	6.00	1.78	
Total BTEX	<0.300	0.300	10/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/12/2022	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	10/12/2022	ND	203	101	200	0.862	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	208	104	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 86.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC Project Manager: Daniel Dominguez Address: PO Box 1058 City: Hobbs State: NM Zip: 88241 Phone #: 575 393-3386 Fax #: Project #: Project Name: Skelly Inlet 18" Project Location: UL/ K Sec 16 T17S - R31E Sampler Name: Jorge Valeriano		P.O. #: Company: Frontier Field Services, LLC Attn: Amber Groves Address: 47 Comoco Rd City: Maljamar State: NM Zip: 88264 Phone #: 575-703-7992 Fax #:	
Lab I.D. Sample I.D. H224744		BILL TO	
(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		ANALYSIS REQUEST	
FOR LAB USE ONLY MATRIX PRESERV. SAMPLING			
1 SP1 2 SP2 3 SP3 4 SP4		DATE 10/10/22 10/10/22 10/10/22 10/10/22	
Time: 5:35 Date: 10/10/22 Received By: <i>[Signature]</i>		Time: Date: Received By: <i>[Signature]</i>	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>296/230</i> #113 Sample Condition Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: <i>[Signature]</i>		REMARKS: Email results to: pm@hungry-horse.com agroves@durangomidstream.com	



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

October 20, 2022

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: SKELLY INLET 18"

Enclosed are the results of analyses for samples received by the laboratory on 10/14/22 15:38.

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

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:	10/14/2022	Sampling Date:	10/14/2022
Reported:	10/20/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: FL 1 (H224857-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/18/2022	ND	2.05	102	2.00	0.553	
Toluene*	<0.050	0.050	10/18/2022	ND	2.17	108	2.00	0.214	
Ethylbenzene*	<0.050	0.050	10/18/2022	ND	2.02	101	2.00	0.0113	
Total Xylenes*	<0.150	0.150	10/18/2022	ND	6.07	101	6.00	1.05	
Total BTEX	<0.300	0.300	10/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/18/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2022	ND	210	105	200	2.92	
DRO >C10-C28*	<10.0	10.0	10/18/2022	ND	215	108	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	10/18/2022	ND					

Surrogate: 1-Chlorooctane 98.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/14/2022	Sampling Date:	10/14/2022
Reported:	10/20/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: FL 2 (H224857-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/18/2022	ND	2.05	102	2.00	0.553	
Toluene*	<0.050	0.050	10/18/2022	ND	2.17	108	2.00	0.214	
Ethylbenzene*	<0.050	0.050	10/18/2022	ND	2.02	101	2.00	0.0113	
Total Xylenes*	<0.150	0.150	10/18/2022	ND	6.07	101	6.00	1.05	
Total BTEX	<0.300	0.300	10/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/18/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2022	ND	210	105	200	2.92	
DRO >C10-C28*	<10.0	10.0	10/18/2022	ND	215	108	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	10/18/2022	ND					

Surrogate: 1-Chlorooctane 99.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/14/2022	Sampling Date:	10/14/2022
Reported:	10/20/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: FL 3 (H224857-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/18/2022	ND	2.05	102	2.00	0.553	
Toluene*	<0.050	0.050	10/18/2022	ND	2.17	108	2.00	0.214	
Ethylbenzene*	<0.050	0.050	10/18/2022	ND	2.02	101	2.00	0.0113	
Total Xylenes*	<0.150	0.150	10/18/2022	ND	6.07	101	6.00	1.05	
Total BTEX	<0.300	0.300	10/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/18/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2022	ND	210	105	200	2.92	
DRO >C10-C28*	<10.0	10.0	10/18/2022	ND	215	108	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	10/18/2022	ND					

Surrogate: 1-Chlorooctane 88.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.4 % 46.3-178

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/14/2022	Sampling Date:	10/14/2022
Reported:	10/20/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: FL 4 (H224857-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/18/2022	ND	2.05	102	2.00	0.553	
Toluene*	<0.050	0.050	10/18/2022	ND	2.17	108	2.00	0.214	
Ethylbenzene*	<0.050	0.050	10/18/2022	ND	2.02	101	2.00	0.0113	
Total Xylenes*	<0.150	0.150	10/18/2022	ND	6.07	101	6.00	1.05	
Total BTEX	<0.300	0.300	10/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/18/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2022	ND	210	105	200	2.92	
DRO >C10-C28*	<10.0	10.0	10/18/2022	ND	215	108	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	10/18/2022	ND					

Surrogate: 1-Chlorooctane 94.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/14/2022	Sampling Date:	10/14/2022
Reported:	10/20/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: FL 5 (H224857-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/18/2022	ND	2.05	102	2.00	0.553	
Toluene*	<0.050	0.050	10/18/2022	ND	2.17	108	2.00	0.214	
Ethylbenzene*	<0.050	0.050	10/18/2022	ND	2.02	101	2.00	0.0113	
Total Xylenes*	<0.150	0.150	10/18/2022	ND	6.07	101	6.00	1.05	
Total BTEX	<0.300	0.300	10/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/18/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2022	ND	210	105	200	2.92	
DRO >C10-C28*	<10.0	10.0	10/18/2022	ND	215	108	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	10/18/2022	ND					

Surrogate: 1-Chlorooctane 91.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/14/2022	Sampling Date:	10/14/2022
Reported:	10/20/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: FL 6 (H224857-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/18/2022	ND	2.05	102	2.00	0.553	
Toluene*	<0.050	0.050	10/18/2022	ND	2.17	108	2.00	0.214	
Ethylbenzene*	<0.050	0.050	10/18/2022	ND	2.02	101	2.00	0.0113	
Total Xylenes*	<0.150	0.150	10/18/2022	ND	6.07	101	6.00	1.05	
Total BTEX	<0.300	0.300	10/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 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	32.0	16.0	10/18/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2022	ND	210	105	200	2.92	
DRO >C10-C28*	<10.0	10.0	10/18/2022	ND	215	108	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	10/18/2022	ND					

Surrogate: 1-Chlorooctane 95.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/14/2022	Sampling Date:	10/14/2022
Reported:	10/20/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: FL 7 (H224857-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/18/2022	ND	2.05	102	2.00	0.553	
Toluene*	<0.050	0.050	10/18/2022	ND	2.17	108	2.00	0.214	
Ethylbenzene*	<0.050	0.050	10/18/2022	ND	2.02	101	2.00	0.0113	
Total Xylenes*	<0.150	0.150	10/18/2022	ND	6.07	101	6.00	1.05	
Total BTEX	<0.300	0.300	10/18/2022	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	16.0	16.0	10/18/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2022	ND	210	105	200	2.92	
DRO >C10-C28*	<10.0	10.0	10/18/2022	ND	215	108	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	10/18/2022	ND					

Surrogate: 1-Chlorooctane 99.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.8 % 46.3-178

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/14/2022	Sampling Date:	10/14/2022
Reported:	10/20/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: FL 8 (H224857-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/18/2022	ND	2.05	102	2.00	0.553	
Toluene*	<0.050	0.050	10/18/2022	ND	2.17	108	2.00	0.214	
Ethylbenzene*	<0.050	0.050	10/18/2022	ND	2.02	101	2.00	0.0113	GC-NC
Total Xylenes*	<0.150	0.150	10/18/2022	ND	6.07	101	6.00	1.05	
Total BTEX	<0.300	0.300	10/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/18/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2022	ND	210	105	200	2.92	
DRO >C10-C28*	<10.0	10.0	10/18/2022	ND	215	108	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	10/18/2022	ND					

Surrogate: 1-Chlorooctane 98.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/14/2022	Sampling Date:	10/14/2022
Reported:	10/20/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: FL 9 (H224857-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/18/2022	ND	2.05	102	2.00	0.553	
Toluene*	<0.050	0.050	10/18/2022	ND	2.17	108	2.00	0.214	
Ethylbenzene*	<0.050	0.050	10/18/2022	ND	2.02	101	2.00	0.0113	
Total Xylenes*	<0.150	0.150	10/18/2022	ND	6.07	101	6.00	1.05	
Total BTEX	<0.300	0.300	10/18/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/18/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2022	ND	210	105	200	2.92	
DRO >C10-C28*	<10.0	10.0	10/18/2022	ND	215	108	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	10/18/2022	ND					

Surrogate: 1-Chlorooctane 98.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/14/2022	Sampling Date:	10/14/2022
Reported:	10/20/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: FL 10 (H224857-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/18/2022	ND	2.05	102	2.00	0.553	
Toluene*	<0.050	0.050	10/18/2022	ND	2.17	108	2.00	0.214	
Ethylbenzene*	<0.050	0.050	10/18/2022	ND	2.02	101	2.00	0.0113	
Total Xylenes*	<0.150	0.150	10/18/2022	ND	6.07	101	6.00	1.05	
Total BTEX	<0.300	0.300	10/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/18/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2022	ND	210	105	200	2.92	
DRO >C10-C28*	<10.0	10.0	10/18/2022	ND	215	108	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	10/18/2022	ND					

Surrogate: 1-Chlorooctane 98.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/14/2022	Sampling Date:	10/14/2022
Reported:	10/20/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: SW 1 (H224857-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/18/2022	ND	2.05	102	2.00	0.553	
Toluene*	<0.050	0.050	10/18/2022	ND	2.17	108	2.00	0.214	
Ethylbenzene*	<0.050	0.050	10/18/2022	ND	2.02	101	2.00	0.0113	
Total Xylenes*	<0.150	0.150	10/18/2022	ND	6.07	101	6.00	1.05	
Total BTEX	<0.300	0.300	10/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/18/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2022	ND	210	105	200	2.92	
DRO >C10-C28*	<10.0	10.0	10/18/2022	ND	215	108	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	10/18/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/14/2022	Sampling Date:	10/14/2022
Reported:	10/20/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: SW 2 (H224857-12)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/18/2022	ND	2.05	102	2.00	0.553		
Toluene*	<0.050	0.050	10/18/2022	ND	2.17	108	2.00	0.214		
Ethylbenzene*	<0.050	0.050	10/18/2022	ND	2.02	101	2.00	0.0113		
Total Xylenes*	<0.150	0.150	10/18/2022	ND	6.07	101	6.00	1.05		
Total BTEX	<0.300	0.300	10/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/18/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/18/2022	ND	210	105	200	2.92		
DRO >C10-C28*	<10.0	10.0	10/18/2022	ND	215	108	200	4.46		
EXT DRO >C28-C36	<10.0	10.0	10/18/2022	ND						

Surrogate: 1-Chlorooctane 83.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.3 % 46.3-178

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Analytical Results For:

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

Received:	10/14/2022	Sampling Date:	10/14/2022
Reported:	10/20/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: SW 3 (H224857-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/18/2022	ND	2.17	108	2.00	0.818	
Toluene*	<0.050	0.050	10/18/2022	ND	2.05	103	2.00	0.488	
Ethylbenzene*	<0.050	0.050	10/18/2022	ND	1.96	97.8	2.00	0.834	
Total Xylenes*	<0.150	0.150	10/18/2022	ND	5.91	98.6	6.00	0.968	
Total BTEX	<0.300	0.300	10/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/18/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2022	ND	210	105	200	2.92	
DRO >C10-C28*	<10.0	10.0	10/18/2022	ND	215	108	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	10/18/2022	ND					

Surrogate: 1-Chlorooctane 96.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/14/2022	Sampling Date:	10/14/2022
Reported:	10/20/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: SW 4 (H224857-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/18/2022	ND	2.17	108	2.00	0.818	
Toluene*	<0.050	0.050	10/18/2022	ND	2.05	103	2.00	0.488	
Ethylbenzene*	<0.050	0.050	10/18/2022	ND	1.96	97.8	2.00	0.834	
Total Xylenes*	<0.150	0.150	10/18/2022	ND	5.91	98.6	6.00	0.968	
Total BTEX	<0.300	0.300	10/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/18/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/20/2022	ND	197	98.7	200	2.71	
DRO >C10-C28*	<10.0	10.0	10/20/2022	ND	196	98.2	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	10/20/2022	ND					

Surrogate: 1-Chlorooctane 84.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/14/2022	Sampling Date:	10/14/2022
Reported:	10/20/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: SW 5 (H224857-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/18/2022	ND	2.17	108	2.00	0.818	
Toluene*	<0.050	0.050	10/18/2022	ND	2.05	103	2.00	0.488	
Ethylbenzene*	<0.050	0.050	10/18/2022	ND	1.96	97.8	2.00	0.834	
Total Xylenes*	<0.150	0.150	10/18/2022	ND	5.91	98.6	6.00	0.968	
Total BTEX	<0.300	0.300	10/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/18/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2022	ND	197	98.7	200	2.71	
DRO >C10-C28*	<10.0	10.0	10/18/2022	ND	196	98.2	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	10/18/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 125 % 46.3-178

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Analytical Results For:

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

Received:	10/14/2022	Sampling Date:	10/14/2022
Reported:	10/20/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: SW 6 (H224857-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/18/2022	ND	2.17	108	2.00	0.818	
Toluene*	<0.050	0.050	10/18/2022	ND	2.05	103	2.00	0.488	
Ethylbenzene*	<0.050	0.050	10/18/2022	ND	1.96	97.8	2.00	0.834	
Total Xylenes*	<0.150	0.150	10/18/2022	ND	5.91	98.6	6.00	0.968	
Total BTEX	<0.300	0.300	10/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/18/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2022	ND	197	98.7	200	2.71	
DRO >C10-C28*	<10.0	10.0	10/18/2022	ND	196	98.2	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	10/18/2022	ND					

Surrogate: 1-Chlorooctane 97.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Analytical Results For:

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

Received:	10/14/2022	Sampling Date:	10/14/2022
Reported:	10/20/2022	Sampling Type:	Soil
Project Name:	SKELLY INLET 18"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/K SEC 16 T17S-R31E		

Sample ID: SW 7 (H224857-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/18/2022	ND	2.17	108	2.00	0.818	
Toluene*	<0.050	0.050	10/18/2022	ND	2.05	103	2.00	0.488	
Ethylbenzene*	<0.050	0.050	10/18/2022	ND	1.96	97.8	2.00	0.834	
Total Xylenes*	<0.150	0.150	10/18/2022	ND	5.91	98.6	6.00	0.968	
Total BTEX	<0.300	0.300	10/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/18/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2022	ND	197	98.7	200	2.71	
DRO >C10-C28*	<10.0	10.0	10/18/2022	ND	196	98.2	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	10/18/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC	Project Manager: Daniel Dominguez	Address: PO Box 1058	City: Hobbs	Phone #: 575 393-3386	Project Name: Skelly Inlet 18"	Project Location: U/L K Sec 16 T17S - R31E	Sampler Name: Jorge Valeriano
State: NM	Zip: 88241	Attn: Amber Groves	Address: 47 Conoco Rd	City: Maljamar	State: NM	Zip: 88264	Phone #: 575-703-7992
Project Owner: Frontier Field Services, LLC	Project #: [blank]	Company: Frontier Field Services, LLC	Attn: Amber Groves	Address: 47 Conoco Rd	State: NM	Zip: 88264	Phone #: 575-703-7992

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

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

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Relinquished By: [Signature]	Date: 10/14/22	Received By: [Signature]	Date: 10/14/22
Time: 3:55 pm	Time: [blank]	Time: [blank]	Time: [blank]

Delivered By: (Circle One)	Sample Condition	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other: 1.8c/1.2c	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	[Signature]
	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

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

REMARKS:

Phone Result: Yes No Add'l Phone #:

Fax Result: Yes No Add'l Fax #:

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: PO Box 1058
 City: Hobbs State: NM Zip: 88241
 Phone #: 575 393-3386 Fax #:
 Project #:
 Project Name: Skelly Inlet 18"
 Project Location: U/L K Sec 16 T17S - R31E
 Sampler Name: Jorge Valeriano

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

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H224857														
11	SW1	C	1	X					10/14/22		X			
12	SW2	C	1	X					10/14/22		X			
13	SW3	C	1	X					10/14/22		X			
14	SW4	C	1	X					10/14/22		X			
15	SW5	C	1	X					10/14/22		X			
16	SW6	C	1	X					10/14/22		X			
17	SW7	C	1	X					10/14/22		X			

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Relinquished By: *[Signature]* Date: 10/11/22
 Received By: *[Signature]* Date: 10/14/22
 Time: 3:38pm

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

Delivered By: (Circle One) UPS Bus Other: 1.8c / 1.2c #113
 Sample Condition: Cool Intact Yes No

CHECKED BY: *[Signature]*
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:

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

Attachment VII
NMSLO Approved Seed Mix

Recommend seedbed preparation requirements.

Site Description

Site consists of Kermit-Berino fine sands with 0 to 3 percent slopes. Vegetation includes but is not limited to shinnery oak, broom snakeweed, sand sagebrush, pricklypear, sand bluestem, little bluestem sand dropseed, sideoats grama, globemallow, annual buckwheat, annual sunflower, etc.

When to Seed

The preferred time for warm season species is 3-6 weeks after the last killing frost in the spring, although they may be seeded any time during the growing season except the last 30 days prior to the average killing frost date. Preferred time is before the monsoon season from July through early September.

Seeding Techniques

The seed mixture shall be planted using a seed drill equipped with a depth regulator, not to exceed ½ inch. The seed mixture will be evenly and uniformly planted over the disturbed area. Where drilling is not possible, seed should be broadcast and the area raked or chained to cover the seed. When broadcasting, the lbs/ acre are to be doubled. It would be beneficial and may be necessary to add a layer of native grass hay, or other approved mulch free of noxious weeds. Mulch should be applied at 1-2 tons per acre, where pockets of bare ground are still visible, then disked into the soil to reduce loss of material. Mulch will help with infiltration, soil organic matter, overall success of seed germination, and plant establishment.

Total pounds of pure live seed per acre are based on seed being weed free. If one species is not available, it was recommended that all other species available were increased proportionately and that **NOT JUST ONE SPECIES** be increased. The recommendation also provided that at least 4 species of the recommended grasses be used, including 1 forb. No less than 8 pounds per acre should be applied. The appropriate application should be reviewed prior to reclamation reseeding.

Common Name and Preferred Variety	Scientific Name	Pounds of Pure Live Seed Per Acre
Annual Quick-cover Grass		
Sterile Triticale	<i>Triticum aestivum X Secale cereale</i> 'Quickguard'	0.5
Warm-Season Grass		
Black or Blue Grama	<i>Boutela gracilis var. Alma</i>	1.5
Little Bluestem	<i>Schizachyrium scoparium</i>	1.0
Sand Dropseed	<i>Sporobolus cryptandrus</i>	0.5
Sand Bluestem	<i>Andropogon hallii</i>	1.0
Indiangrass	<i>Sorghastrum nutans</i>	0.5
Arizona Cottontop	<i>Digitaria californica</i>	1.0
Sideoats Grama	<i>Bouteloua curtipendula var. Vaughn</i>	2.0
Plains Bristlegrass	<i>Setaria vulpiseta</i>	1.5
Forbs/shrubs		
White prairie clover	<i>Dalea candida</i>	0.10
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10
Chia Sage	<i>Salvia columbariae</i>	0.10
Annual sunflower	<i>Helianthus annuus</i>	0.10
Annual buckwheat	<i>Eriogonum annuum</i>	0.10

PURE LIVE SEED/ACRE TOTAL: 10.00

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

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

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

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

Incident ID	nAPP2216423721
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

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

Location of Release Source

Latitude 32.8332 Longitude -103.87863
(NAD 83 in decimal degrees to 5 decimal places)

Site Name 18" Skelly Inlet	Site Type Pipeline
Date Release Discovered 6/12/2022	API# (if applicable)

Unit Letter	Section	Township	Range	County
K	16	17S	31E	Eddy

Surface Owner: State Federal Tribal Private (Name: _____)

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input checked="" type="checkbox"/> Condensate	Volume Released (bbls) 22.25	Volume Recovered (bbls) 0
<input checked="" type="checkbox"/> Natural Gas	Volume Released (Mcf) 25.2	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

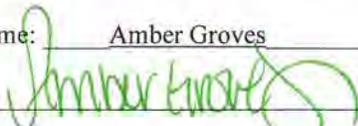
Cause of Release
Internal & external corrosion of pipeline

Incident ID	nAPP2216423721
District RP	
Facility ID	
Application ID	

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

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <u>Amber Groves</u> Title: <u>Remediation Specialist</u> Signature:  Date: <u>6/12/2022</u> email: <u>agroves@durangomidstream.com</u> Telephone: <u>(575)703-7992</u>
<u>OCD Only</u> Received by: <u>Jocelyn Harimon</u> Date: <u>06/13/2022</u>



Liquid Volume Release Report

NAPP2216423721

Liquid Release Volume Calculator							
Date:	6/12/2022						
Site or Line Name:	18" Skelly Inlet						
Soil Type	Porosity	Length	Width	Depth (.083 per inch)	Cubic Feet	Estimated Barrels	Soil Type
Clay	0.15				0	0.00	Clay
Sandy Clay	0.12				0	0.00	Sandy Clay
Silt	0.16				0	0.00	Silt
Fine Sand	0.16				0	0.00	Fine Sand
Medium Sand	0.25				0	0.00	Medium Sand
Coarse Sand	0.26				0	0.00	Coarse Sand
Gravelly Sand	0.26	60	4	2	480	22.25	Gravelly Sand
Fine Gravel	0.26				0	0.00	Fine Gravel
Medium Gravel	0.20				0	0.00	Medium Gravel
Coarse Gravel	0.18				0	0.00	Coarse Gravel
Sandstone	0.25				0	0.00	Sandstone
Siltstone	0.18				0	0.00	Siltstone
Limestone	0.13				0	0.00	Limestone
Basalt	0.19				0	0.00	Basalt
Standing Liquids	X				0	0.00	Standing Liquids

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

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

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



Gas Volume Release Report

Gas Release Volume Calculator		
Date:	6/12/2022	
Site or Line Name:	18" Skelly Inlet	
Area of hole in pipe:	0.25	square inches
Absolute Pressure:	34.7	psia - absolute pressure (psia = psig gauge pressure + 14.7)
Duration of Release:	60.00	minutes
Temperature:	107	Degrees F
Absolute Pressure:	34.7	psia (Gauge Pressure + 14.7)
Representative Gas Analysis	Please attach or email a representative gas analysis	

Constants		
Temperature at standard conditions:	60	Deg. F
Pressure at standard conditions:	14.7	PSIA
Volume of Gas - SCF	25.20	MSCF

Notes
Entered by user
Calculated Value
Constant

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 155648

CONDITIONS

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 155648
	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 #NAPP2216423721 18" SKELLY INLET, thank you. This closure is approved.	1/12/2023