

# **Remediation Summary and Closure Request**

Frontier Field Services, LLC Geronimo 6" Lea County, New Mexico Unit Letter "M", Section 30, Township 19 South, Range 33 East Latitude 32.627478 North, Longitude 103.710870 West NMOCD Incident # nAPP2233326239

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

March 2023

Bradley Wells

Bradley Wells Project Manager bwells@hungry-horse.com

Daniel Domingue:

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Oil Conservation Division

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## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?					
Did this release impact groundwater or surface water?					
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?					
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🛛 No				
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🛛 No				
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🛛 No				
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🔀 No				
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🛛 No				
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🛛 No				
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🛛 No				
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🛛 No				
Are the lateral extents of the release within a 100-year floodplain?					
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	🔀 Yes 🗌 No				

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

#### Characterization Report Checklist: Each of the following items must be included in the report.

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- $\square$  Depth to water determination
- Determination of water sources and significant watercourses within <sup>1</sup>/<sub>2</sub>-mile of the lateral extents of the release
- $\boxtimes$  Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Received by OCD: 3/15/2	2023 10:47:00 AM State of New Mexico				Page 4 of 8		
				Incident ID	nAPP2233326239		
Page 4	Oil Conservation Division	V1S10n		District RP			
				Facility ID			
				Application ID			
regulations all operators ar public health or the enviro failed to adequately invest	ur (ant)	tifications OCD doe reat to gro f responsi _ Title: _ Date: _	and perform co s not relieve the undwater, surface	rrective actions for rele operator of liability sh- ce water, human health iance with any other fe Specialist	eases which may endanger ould their operations have or the environment. In		
OCD Only Received by: Joce	elyn Harimon		Date: 03/1	5/2023			

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Detailed description of proposed remediation technique

Page 5

Oil Conservation Division

<u>Remediation Plan Checklist</u>: Each of the following items must be included in the plan.

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# **Remediation Plan**

Scaled sitemap with GPS coordinates showing delineation points  $\boxtimes$ Estimated volume of material to be remediated Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required) Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation. Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction. Extents of contamination must be fully delineated. Contamination does not cause an imminent risk to human health, the environment, or groundwater. I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. Title: <u>Remediation Specialist</u> Printed Name: /Amber Groves Signature: Date: 3/15/2023 email: \_\_\_\_agroves@durangomidstream.com Telephone: 575-703-7992 OCD Only Jocelyn Harimon 03/15/2023 Received by: Date: Approved Approved with Attached Conditions of Approval Denied Deferral Approved Signature: \_\_\_\_ Date:

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.

<b><u>Closure Report Attachment Checklist</u></b> : 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 be and regulations all operators are required to report and/or file certain release n may endanger public health or the environment. The acceptance of a C-141 re should their operations have failed to adequately investigate and remediate con human health or the environment. In addition, OCD acceptance of a C-141 re compliance with any other federal, state, or local laws and/or regulations. The restore, reclaim, and re-vegetate the impacted surface area to the conditions th accordance with 19.15.29.13 NMAC including notification to the OCD when	otifications and perform corrective actions for releases which port by the OCD does not relieve the operator of liability ntamination that pose a threat to groundwater, surface water, port does not relieve the operator of responsibility for responsible party acknowledges they must substantially at existed prior to the release or their final land use in			
Printed Name: Amber Groves Title:	Remediation Specialist			
Signature: Date:	3/15/2023			
email: <u>agroves@durangomidstream.com</u> Telephon	e: <u>575-703-7992</u>			
OCD Only				
Received by: Jocelyn Harimon D	ate:03/15/2023			
Closure approval by the OCD does not relieve the responsible party of liability remediate contamination that poses a threat to groundwater, surface water, hum party of compliance with any other federal, state, or local laws and/or regulation	an health, or the environment nor does not relieve the responsible			
Closure Approved by:	Date: 03/22/2023			
Printed Name: Jennifer Nobui	Title: Environmental Specialist A			

Received by OCD: 3/15/2023 10:47:00 AM



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

### **Background:**

The site is located in Unit Letter M (SW/SW), Section 30, Township 19 South, Range 33 East, approximately sixteen miles south of Maljamar, in Lea County, New Mexico. The site is located on Bureau of Land Management land. Topographic Map, OSE POD Locations Map, and USGS Well Locations Map are included as Figure 1, Figure 2, and Figure 3, respectively.

The release occurred on an active pipeline; Latitude 32.627478 North, Longitude 103.710870 West. The Initial NMOCD Form C-141 indicated that on November 26, 2022 approximately 10.7 bbls of condensate and 96.9 Mcf of natural gas was released due to internal and external corrosion. A crew was dispatched to the release site and the line was repaired. A second release occurred on November 29, 2022, at the same location. The Initial NMOCD Form C-141 indicated that approximately 22.48 bbls of condensate and 96.9 Mcf of natural gas was released due to internal and external corrosion. These two releases were remediated concurrently. Previously submitted pages of the NMOCD Form C-141 are available on the NMOCD Imaging System. NMOCD Form Initial C-141 is also included as Attachment VII.

### **NMOCD Site Classification:**

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

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

Depth to Groundwater	Constituent	Limit	
	Chloride	EPA 300.0 or SM4500 CLB	600 mg/kg
undetermined	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 February 13, 2023, Hungry Horse conducted an initial site assessment consisting of photographing and mapping the excavated area. On February 16, 2023, the release area was sampled. During the sampling event, a hand augered soil bore was advanced within the excavated area in an effort to determine the vertical extent of contamination. This sample location is identified by SP designation. In addition, hand augered soil bores were advanced along the outside edges of the excavated 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 Hach Quantab<sup>®</sup> chloride test kit.

Based on field observations and field test data noted above and provided in Attachment V, ten representative soil samples, two from each sample location, were selected for laboratory analysis. Delineation soil samples SP1, and HZ1 through HZ4, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples, with the exception of SP1 at Surface and SP1 at five feet bgs, which exhibited TPH and chloride concentrations in excess of NMOCD Closure Criteria.

From February 17-23, 2023, the sidewalls and floor of the excavation were expanded. Excavated soil was temporarily stockpiled on site, atop plastic, before transport to an NMOCD approved disposal facility.

On February 21, 2023, the NMCOD was contacted and a ninety-day extension was requested due to delays in receiving BLM Archaeological Clearance. On February 21, 2023, the NMOCD approved a ninety-day extension, moving the completion date to May 21, 2023. NMOCD correspondence is provided in Attachment II.

The excavated area measured approximately fifty-four feet in length, fifty feet in width, and six feet in depth. During remediation activities approximately 552 cubic yards of impacted soil were excavated and hauled to an NMOCD approved disposal facility. Manifests can be provided upon request.

On February 24, 2023, twenty-two 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 FL12 and SW1 through SW10 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 material. The area was contoured to achieve erosion control and preserve surface water flow. The affected area will be reseeded with an approved seed mixture during the first favorable growing season following these completed remediation activities.

### **Closure Request:**

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

Based on laboratory analytical results, Frontier Field Services, LLC respectfully requests closure of the Geronimo 6" location, nAPP2233326239.

#### Limitations:

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



## Distribution:

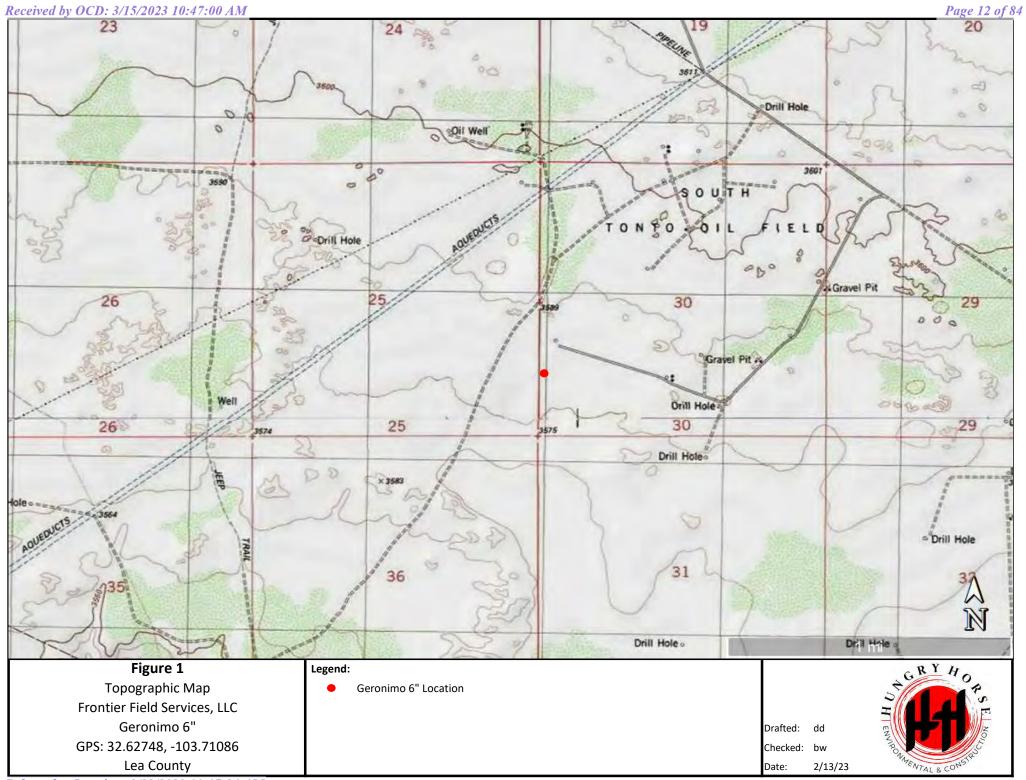
**Frontier Field Services, LLC** 47 Conoco Rd. Maljamar, NM 88264

New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division, District 2 811 S. First St. Artesia, NM 88210

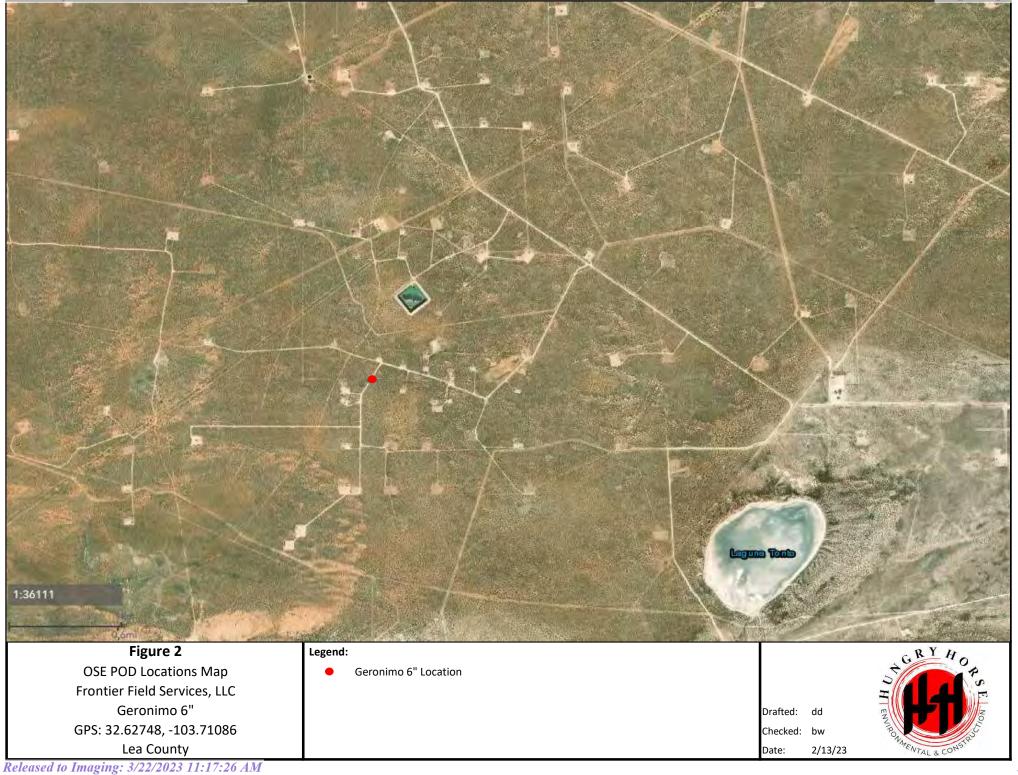
New Mexico Bureau of Land Management 620 E. Greene St Carlsbad, NM 88220

# Figures

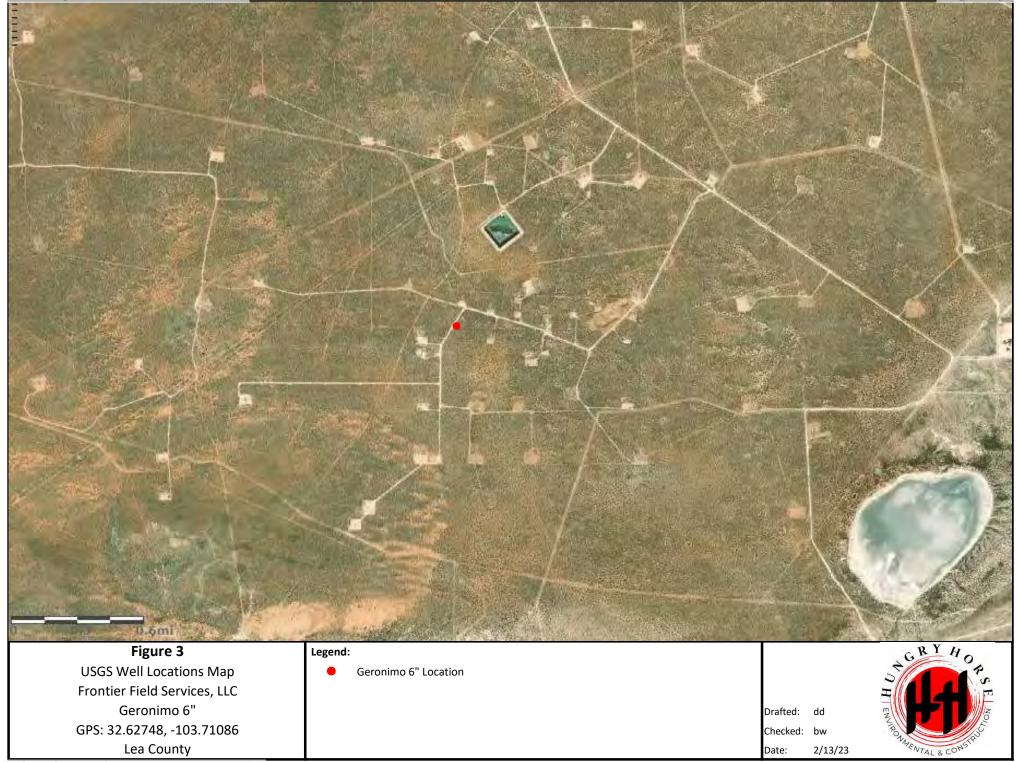
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# Table

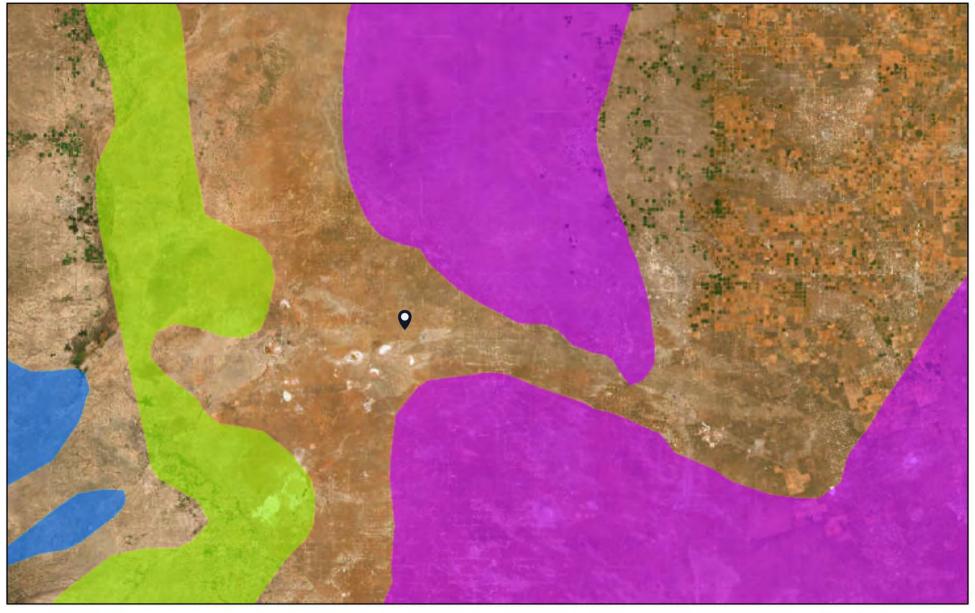
#### TABLE 1 Summary of Soil Sample Laboratory Analytical Results Frontier Field Services, LLC Geronimo 6"

NMOCD Ref. #: nAPP2233326239; nAPP2233440335

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
SP1	2/16/23	Surf	Excavated	<0.050	53.4	686	3,000	3,686	514	4,200	2,880
511	2/16/23	5	Excavated	<0.050	5.2	168	4000	4,168	979	5,147	4,480
HZ1	2/16/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	2/16/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ2	2/16/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
1122	2/16/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ3	2/16/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
1125	2/16/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ4	2/16/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
1124	2/16/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL1	2/24/23	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL2	2/24/23	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL3	2/24/23	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL4	2/24/23	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL5	2/24/23	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL6	2/24/23	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL7	2/24/23	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL8	2/24/23	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL9	2/24/23	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL10	2/24/23	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL11	2/24/23	6	In-Situ	<0.050	<0.300	<10.0	15.2	<20.0	<10.0	<30.0	224
FL12	2/24/23	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW1	2/24/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW2	2/24/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW3	2/24/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW4	2/24/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW5	2/24/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW6	2/24/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW7	2/24/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW8	2/24/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW9	2/24/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW10	2/24/23	3	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	

# Attachment I Karst and Wetland Maps

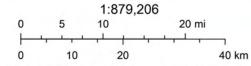
# Geronimo 6"



# 3/2/2023



Low Resolution 15m Imagery High Resolution 60cm Imagery High Resolution 30cm Imagery Citations 150m Resolution Metadata



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

## U.S. Fish and Wildlife Service **National Wetlands Inventory**

# Geronimo 6"



#### March 2, 2023

#### Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- - **Freshwater Pond**

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Lake Other Riverine

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

Released to Imaging: 3/22/2023 11:17:26 AM

National Wetlands Inventory (NWI) This page was produced by the NWI mapper

# Attachment II NMOCD Correspondence

#### **Daniel Dominguez**

From:	Amber Groves <agroves@durangomidstream.com></agroves@durangomidstream.com>
Sent:	Tuesday, February 21, 2023 1:23 PM
То:	Daniel Dominguez
Subject:	FW: [EXTERNAL] nAPP2233326239 Geronimo 6" Extension Request

From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Sent: Tuesday, February 21, 2023 1:21 PM
To: Amber Groves <AGroves@durangomidstream.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Subject: RE: [EXTERNAL] nAPP2233326239 Geronimo 6" Extension Request

Hello Amber

OCD approves your request for a 90-day extension to May 21, 2023 to submit a remediation plan or closure report. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks, Jennifer Nobui

From: Amber Groves <<u>AGroves@durangomidstream.com</u>>

Sent: Tuesday, February 21, 2023 1:13 PM

Subject: [EXTERNAL] nAPP2233326239 Geronimo 6" Extension Request

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

Frontier Field Services would like to request a 90 day extension for nAPP2233326239 Geronimo 6". I submitted a KMZ to BLM in November, but just received ARCH clearance on February 17<sup>th</sup>. Please feel free to give me a call should you have any questions.

Thank you,

Amber Groves |Sr. Environmental Specialist Mobile 575.703.7992



https://www.durangomidstream.com/ agroves@durangomidstream.com

#### **CONFIDENTIALITY NOTICE:**

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#### **Daniel Dominguez**

From:	Enviro, OCD, EMNRD <ocd.enviro@emnrd.nm.gov></ocd.enviro@emnrd.nm.gov>
Sent:	Wednesday, February 22, 2023 9:53 AM
То:	Daniel Dominguez
Cc:	Nobui, Jennifer, EMNRD; Bratcher, Michael, EMNRD
Subject:	RE: [EXTERNAL] Closure Sampling

Daniel,

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

JΗ

Jocelyn Harimon • Environmental Specialist Environmental Bureau EMNRD - Oil Conservation Division 1220 South St. Francis Drive | Santa Fe, NM 87505 (505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov http:// www.emnrd.nm.gov



From: Daniel Dominguez <ddominguez@hungry-horse.com>
Sent: Wednesday, February 22, 2023 5:44 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Subject: [EXTERNAL] Closure Sampling

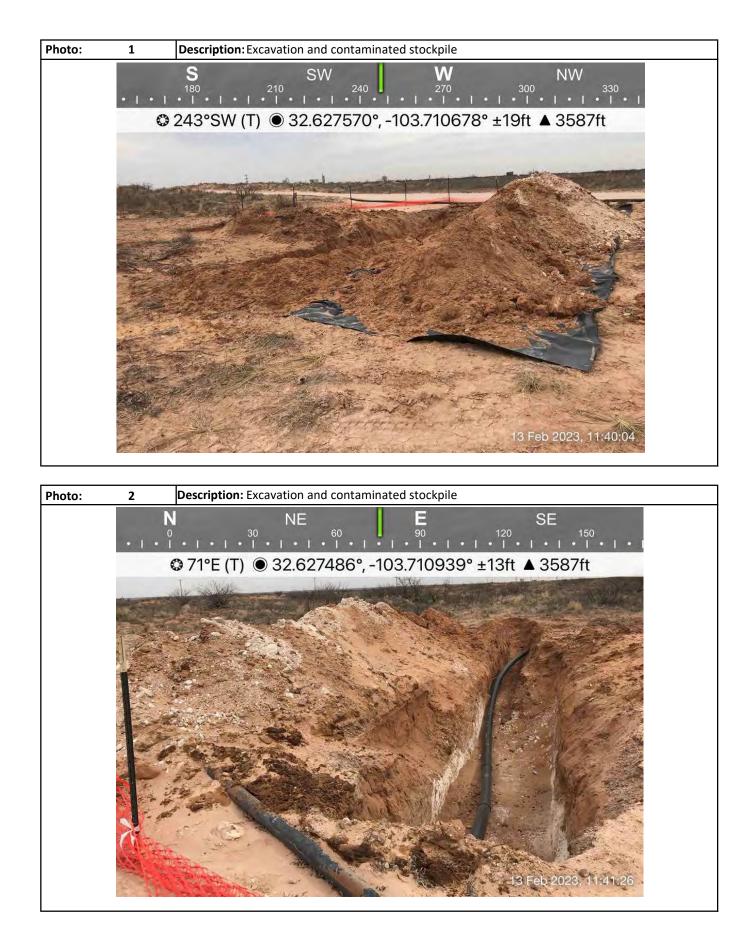
CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

We will be collecting additional closure samples at the Geronimo 6" (nAPP2233326239) and the Geronimo 6" (2) (nAPP2233440335) on Friday February 24, 2023 at 7 am. This is our 2 day notice.

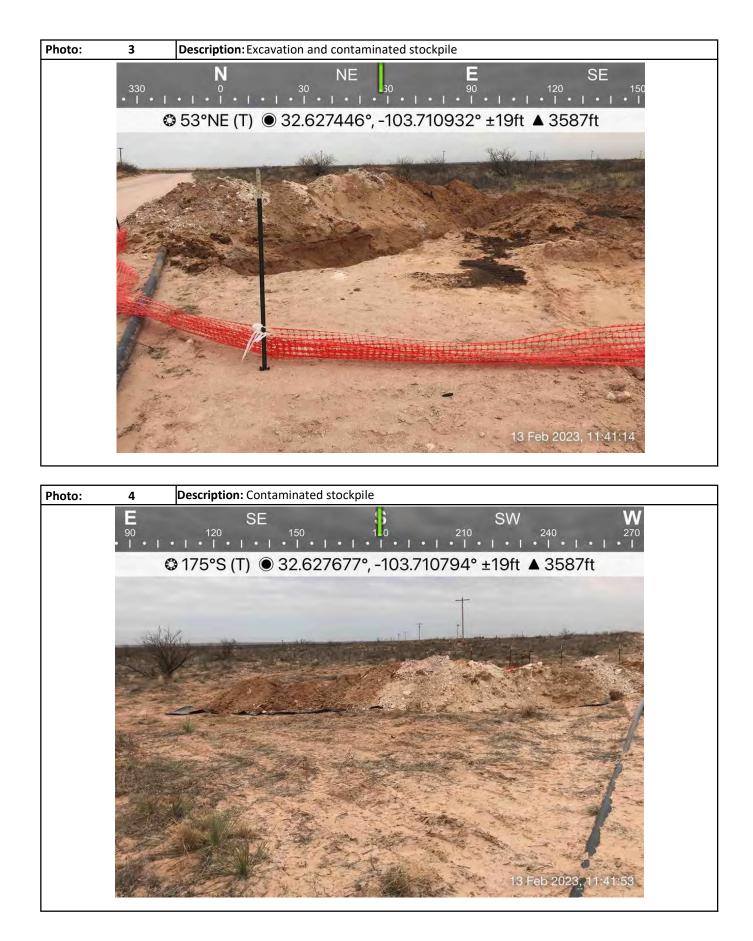
Daniel Dominguez Environmental Manager Hungry Horse, LLC (mobile) 575-408-3134 ddominguez@hungry-horse.com

# Attachment III Site Photographs

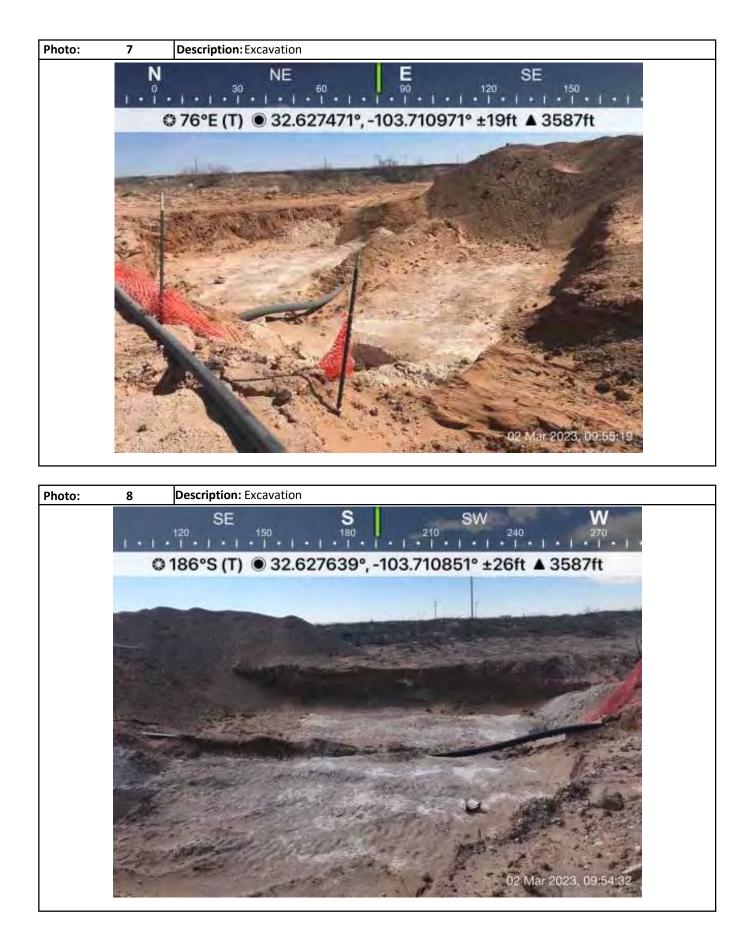
### Photographs

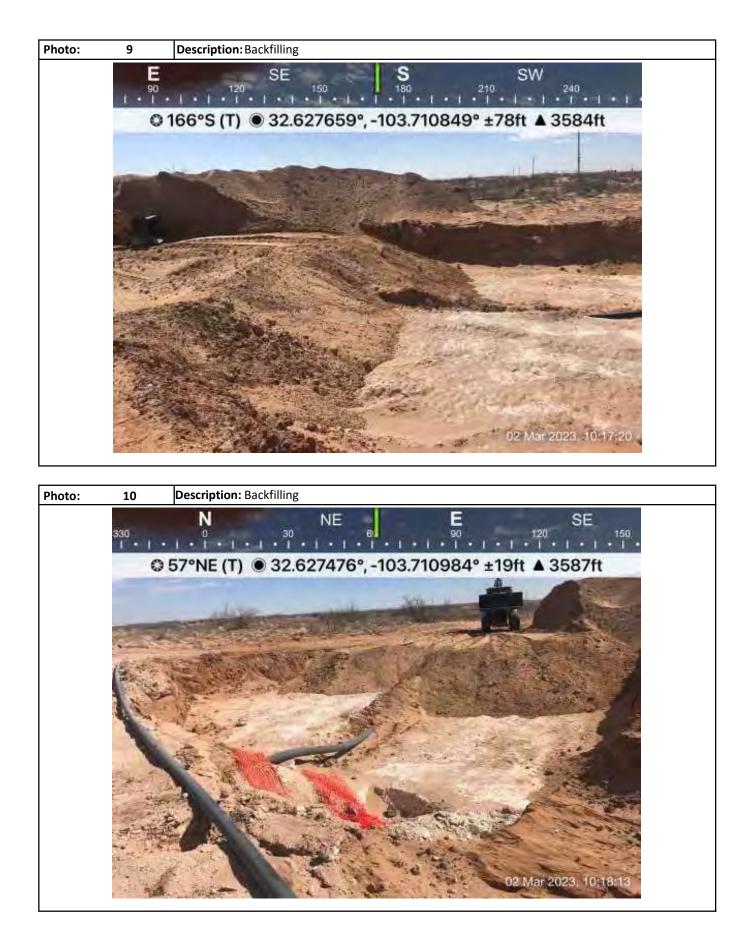


















# Attachment IV Depth to Groundwater



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

				No wells found.
<u>UTMNAD83 Ra</u>	<u>dius Search (in meters):</u>			
Easting (X):	620933.91	Northing (Y):	3610724.19	Radius: 805
The data is furnished by	the NMOSE/ISC and is accepted b	y the recipient with	the expressed understanding that th	e OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for
particular purpose of the o	lata.			

2/14/23 10:26 AM

WELLS WITH WELL LOG INFORMATION

# Attachment V Field Data

## Sample Log

Date: 2/16/23

Project: Geronimo 6"

Hungry Horse, LLC

Latitude: 32.62748

Longitude: -103.71086

Sampler: Eli Dominguez

Sample ID	Depth	PIQ/Odor	Chloride	GPS
HZ1-Surf	Surf	N/A	027×1000=270	
H(Z)-1'	<u>l</u>	N/A	,04×1000=40	
HZ:2-3wf	BINF	N1/4	105×1000 = 50	
1+22-1'	12	NIA	104×1000=40	
HZ3-Surf	Surf	NIA	104×100=40	
1723-11	l.	N/4	,03x1000=30	
HZ4-Surp	Sint	N/A-	.04×000=40	
1724-1'	l	N/A	06 < 001×601	
5P1-5	5'	TTH	4.98×1000=4980	
			· · · · · · · · · · · · · · · · · · ·	
Sample Point - SP1 @			Horizontal = H21 etc	Tort Tranch - TT1 @ ##

Sample Point = SP1 @ ## etc

Horizontal = HZ1 etc

Test Trench = TT1 @ ##

Floor = FL1 etc

Refusal = SP1 @ 4'-R **GPS Sample Points, Center of Comp Areas**  Resamples= SP1b @ 5' or SW #1b Stockpile = Stockpile #1

Sidewall = SW1 etc

# Attachment VI Laboratory Analytical Reports



February 23, 2023

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

RE: GERONIMO 6"

Enclosed are the results of analyses for samples received by the laboratory on 02/17/23 15:40.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	02/17/2023	Sampling Date:	02/16/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: SP 1 - SURF (H230765-01)

BTEX 8021B	mg,	/kg	Analyze	d By: ZZZ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	02/22/2023	ND	1.91	95.5	2.00	6.83	
Toluene*	7.69	0.500	02/22/2023	ND	2.02	101	2.00	10.5	
Ethylbenzene*	11.0	0.500	02/22/2023	ND	2.26	113	2.00	13.0	
Total Xylenes*	34.7	1.50	02/22/2023	ND	7.11	118	6.00	13.7	
Total BTEX	53.4	3.00	02/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	134	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2880	16.0	02/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	686	50.0	02/21/2023	ND	217	109	200	4.62	
DRO >C10-C28*	3000	50.0	02/21/2023	ND	221	111	200	6.49	
EXT DRO >C28-C36	514	50.0	02/21/2023	ND					
Surrogate: 1-Chlorooctane	152	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	144	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/17/2023	Sampling Date:	02/16/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: SP 1 - 5' (H230765-02)

BTEX 8021B	mg,	/kg	Analyze	d By: ZZZ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/23/2023	ND	1.91	95.5	2.00	6.83	
Toluene*	0.373	0.050	02/23/2023	ND	2.02	101	2.00	10.5	
Ethylbenzene*	0.766	0.050	02/23/2023	ND	2.26	113	2.00	13.0	
Total Xylenes*	4.06	0.150	02/23/2023	ND	7.11	118	6.00	13.7	
Total BTEX	5.20	0.300	02/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4480	16.0	02/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	168	50.0	02/21/2023	ND	217	109	200	4.62	
DRO >C10-C28*	4000	50.0	02/21/2023	ND	221	111	200	6.49	
EXT DRO >C28-C36	979	50.0	02/21/2023	ND					
Surrogate: 1-Chlorooctane	116	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	141	% 49.1-14	8						

### Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/17/2023	Sampling Date:	02/16/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: HZ 1 - SURF (H230765-03)

BTEX 8021B	mg,	/kg	Analyze	d By: ZZZ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2023	ND	1.91	95.5	2.00	6.83	
Toluene*	<0.050	0.050	02/22/2023	ND	2.02	101	2.00	10.5	
Ethylbenzene*	<0.050	0.050	02/22/2023	ND	2.26	113	2.00	13.0	
Total Xylenes*	<0.150	0.150	02/22/2023	ND	7.11	118	6.00	13.7	
Total BTEX	<0.300	0.300	02/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2023	ND	217	109	200	4.62	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	221	111	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

### Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/17/2023	Sampling Date:	02/16/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: HZ 1 - 1' (H230765-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2023	ND	2.17	109	2.00	10.3	
Toluene*	<0.050	0.050	02/22/2023	ND	2.45	123	2.00	19.1	
Ethylbenzene*	<0.050	0.050	02/22/2023	ND	2.03	102	2.00	2.35	
Total Xylenes*	<0.150	0.150	02/22/2023	ND	6.36	106	6.00	3.50	
Total BTEX	<0.300	0.300	02/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2023	ND	217	109	200	4.62	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	221	111	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					
Surrogate: 1-Chlorooctane	95.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/17/2023	Sampling Date:	02/16/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: HZ 2 - SURF (H230765-05)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2023	ND	2.17	109	2.00	10.3	
Toluene*	<0.050	0.050	02/22/2023	ND	2.45	123	2.00	19.1	
Ethylbenzene*	<0.050	0.050	02/22/2023	ND	2.03	102	2.00	2.35	
Total Xylenes*	<0.150	0.150	02/22/2023	ND	6.36	106	6.00	3.50	
Total BTEX	<0.300	0.300	02/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2023	ND	217	109	200	4.62	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	221	111	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					
Surrogate: 1-Chlorooctane	97.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

### Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/17/2023	Sampling Date:	02/16/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: HZ 2 - 1' (H230765-06)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2023	ND	2.17	109	2.00	10.3	
Toluene*	<0.050	0.050	02/22/2023	ND	2.45	123	2.00	19.1	
Ethylbenzene*	<0.050	0.050	02/22/2023	ND	2.03	102	2.00	2.35	
Total Xylenes*	<0.150	0.150	02/22/2023	ND	6.36	106	6.00	3.50	
Total BTEX	<0.300	0.300	02/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2023	ND	217	109	200	4.62	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	221	111	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/17/2023	Sampling Date:	02/16/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: HZ 3 - SURF (H230765-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2023	ND	2.17	109	2.00	10.3	
Toluene*	<0.050	0.050	02/22/2023	ND	2.45	123	2.00	19.1	
Ethylbenzene*	<0.050	0.050	02/22/2023	ND	2.03	102	2.00	2.35	
Total Xylenes*	<0.150	0.150	02/22/2023	ND	6.36	106	6.00	3.50	
Total BTEX	<0.300	0.300	02/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2023	ND	224	112	200	0.363	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	230	115	200	0.0517	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					
Surrogate: 1-Chlorooctane	92.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/17/2023	Sampling Date:	02/16/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: HZ 3 - 1' (H230765-08)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2023	ND	2.17	109	2.00	10.3	
Toluene*	<0.050	0.050	02/22/2023	ND	2.45	123	2.00	19.1	
Ethylbenzene*	<0.050	0.050	02/22/2023	ND	2.03	102	2.00	2.35	
Total Xylenes*	<0.150	0.150	02/22/2023	ND	6.36	106	6.00	3.50	
Total BTEX	<0.300	0.300	02/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2023	ND	224	112	200	0.363	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	230	115	200	0.0517	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.0	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/17/2023	Sampling Date:	02/16/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: HZ 4 - SURF (H230765-09)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2023	ND	2.17	109	2.00	10.3	
Toluene*	<0.050	0.050	02/22/2023	ND	2.45	123	2.00	19.1	
Ethylbenzene*	<0.050	0.050	02/22/2023	ND	2.03	102	2.00	2.35	
Total Xylenes*	<0.150	0.150	02/22/2023	ND	6.36	106	6.00	3.50	
Total BTEX	<0.300	0.300	02/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2023	ND	224	112	200	0.363	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	230	115	200	0.0517	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					
Surrogate: 1-Chlorooctane	84.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.1	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/17/2023	Sampling Date:	02/16/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: HZ 4 - 1' (H230765-10)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2023	ND	2.17	109	2.00	10.3	
Toluene*	<0.050	0.050	02/22/2023	ND	2.45	123	2.00	19.1	
Ethylbenzene*	<0.050	0.050	02/22/2023	ND	2.03	102	2.00	2.35	
Total Xylenes*	<0.150	0.150	02/22/2023	ND	6.36	106	6.00	3.50	
Total BTEX	<0.300	0.300	02/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2023	ND	224	112	200	0.363	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	230	115	200	0.0517	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					
Surrogate: 1-Chlorooctane	112 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### **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.
QR-04	The RPD for the BS/BSD was outside of historical limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

### **Cardinal Laboratories**

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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose site to the services interruptors, loss of profits incurred by client, its subsidiaries, afflictes or successor arising out of or related to the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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affiliates or successors arising cut of or related to the performance of services hereunder by Cartinal regarding       Relinquished By:     Date: 2)(7)/23     Rec       Charter of the performance of services hereunder by Cartinal regarding     Time: 7     Rec       Relinquished By:     Date: 7     Rec       Time:     Time: 7     Rec	Relinquished By:     Date:     Reconstruction       W. Domingulary     Time:     21/17/33       Relinquished By:     Time:     Reconstruction       M. Domingulary     Time:     20       Relinquished By:     Date:     Reconstruction	Relinquished By: Children Control of a related to the performance of services hereunder by Cartinal regarding the	affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regain Relinquished By:	affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regar		PLEASE NOTE: Lability and Damages. Cardinal's lability and client's exclusive anody for any client arsing whether based in contract or tort, shall be limited to the amount paid by the cleant for the analyses. All cliams including those for neglecone and any other cause whateover shall be deemed waived unless make in writing and received by Cardinal within 20 days after completion of the applicable service. In no event shall Cardinal be liable for incidential or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subaidanies.		A HZ4-Surf C	S HZ3-1' с	ut C	(6 HZ2-1' C	S HZ2-Surf C	4 HZ1-1' C	3 HZ1-Surf C	SP1-5' C	C SP1-Surf	(G)RAB OR (C)OMP.	FOR LAB USE ONLY	Sampler Name: Eli Dominguez	Project Location: UL/ M Sec 30 T19S - R33E	Project Name: Geronimo 6"	Project #: Project Owner: Frontier	Phone #: 575 393-3386 Fax #:	City: Hobbs State: NM Zip:	Address: PO Box 1058	Project Manager: Daniel Dominguez	Company Name: Hungry Horse LLC	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	Laboratories
Sample Condition		Received By:	0400/12	Neceived DA:	diess of whether such claim is based upon	g whether based in contract or tort, shall be ad unless made in writing and received by Ca titon, business interruptions, loss of use, or lo	1 X	1 X	1 X	1 X	1 X	1 X	1 ×	1 ×	1 X	1 X	GROUNDWATER WASTEWATER SOIL OIL SLUDGE	MATRIX				Field Services, LLC		88241					
CHECKED BY:	(	0	travo		ed upon any of the above stated reasi	I, shall be limited to the amount paid b wed by Cardinal within 30 days after o ruse, or loss of profits incurred by clies	X 2	X 2/16/23	X 2/16/23	X 2/16/23	X 2/16/23	X 2/16/23	X 2/16/23	X 2/16/23	X 2/16/23	X 2/16/23	OTHER : ACID/BASE: ICE / COOLC OTHER : DATE	PRESERV. SAMPLING	Fax #:	Phone #: 575-703-7992	State: NM Zip: 88264	City: Maljamar	Address: 47 Conoco Rd	Attn: Amber Groves	Company Frontier Field Services,	P.O. #:	BILL TO		
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Released to Imaging: 3/22/2023 11:17:26 AM



February 28, 2023

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

RE: GERONIMO 6"

Enclosed are the results of analyses for samples received by the laboratory on 02/24/23 15:20.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



### Analytical Results For:

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

Received:	02/24/2023	Sampling Date:	02/24/2023
Reported:	02/28/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: SW 1 (H230875-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	5.29	
Toluene*	<0.050	0.050	02/28/2023	ND	2.12	106	2.00	7.08	
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	7.26	
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.36	106	6.00	7.29	
Total BTEX	<0.300	0.300	02/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/27/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	195	97.4	200	6.60	
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	186	93.2	200	5.88	
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND					
Surrogate: 1-Chlorooctane	111 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/24/2023	Sampling Date:	02/24/2023
Reported:	02/28/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: SW 2 (H230875-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	5.29	
Toluene*	<0.050	0.050	02/28/2023	ND	2.12	106	2.00	7.08	
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	7.26	
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.36	106	6.00	7.29	
Total BTEX	<0.300	0.300	02/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/27/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	195	97.4	200	6.60	
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	186	93.2	200	5.88	
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/24/2023	Sampling Date:	02/24/2023
Reported:	02/28/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: SW 3 (H230875-03)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	5.29	
Toluene*	<0.050	0.050	02/28/2023	ND	2.12	106	2.00	7.08	
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	7.26	
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.36	106	6.00	7.29	
Total BTEX	<0.300	0.300	02/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/27/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	224	112	200	0.0321	
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	216	108	200	0.274	
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND					
Surrogate: 1-Chlorooctane	96.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.6	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/24/2023	Sampling Date:	02/24/2023
Reported:	02/28/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: SW 4 (H230875-04)

BTEX 8021B	mg,	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	5.29	
Toluene*	<0.050	0.050	02/28/2023	ND	2.12	106	2.00	7.08	
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	7.26	
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.36	106	6.00	7.29	
Total BTEX	<0.300	0.300	02/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/27/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	224	112	200	0.0321	
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	216	108	200	0.274	
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND					
Surrogate: 1-Chlorooctane	98.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.4	% 49.1-14	8						

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### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/24/2023	Sampling Date:	02/24/2023
Reported:	02/28/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: SW 5 (H230875-05)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	5.29	
Toluene*	<0.050	0.050	02/28/2023	ND	2.12	106	2.00	7.08	
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	7.26	
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.36	106	6.00	7.29	
Total BTEX	<0.300	0.300	02/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/27/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	224	112	200	0.0321	
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	216	108	200	0.274	
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.2	% 49.1-14	8						

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### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/24/2023	Sampling Date:	02/24/2023
Reported:	02/28/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: SW 6 (H230875-06)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	5.29	
Toluene*	<0.050	0.050	02/28/2023	ND	2.12	106	2.00	7.08	
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	7.26	
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.36	106	6.00	7.29	
Total BTEX	<0.300	0.300	02/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/27/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	224	112	200	0.0321	
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	216	108	200	0.274	
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND					
Surrogate: 1-Chlorooctane	93.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.4	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received:	02/24/2023	Sampling Date:	02/24/2023
Reported:	02/28/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: SW 7 (H230875-07)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	5.29	
Toluene*	<0.050	0.050	02/28/2023	ND	2.12	106	2.00	7.08	
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	7.26	
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.36	106	6.00	7.29	
Total BTEX	<0.300	0.300	02/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/27/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	224	112	200	0.0321	
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	216	108	200	0.274	
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND					
Surrogate: 1-Chlorooctane	97.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.1	% 49.1-14	8						

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\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/24/2023	Sampling Date:	02/24/2023
Reported:	02/28/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: SW 8 (H230875-08)

BTEX 8021B	mg,	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	5.29	
Toluene*	<0.050	0.050	02/28/2023	ND	2.12	106	2.00	7.08	
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	7.26	
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.36	106	6.00	7.29	
Total BTEX	<0.300	0.300	02/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/27/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	224	112	200	0.0321	
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	216	108	200	0.274	
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND					
Surrogate: 1-Chlorooctane	95.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/24/2023	Sampling Date:	02/24/2023
Reported:	02/28/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: SW 9 (H230875-09)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	5.29	
Toluene*	<0.050	0.050	02/28/2023	ND	2.12	106	2.00	7.08	
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	7.26	
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.36	106	6.00	7.29	
Total BTEX	<0.300	0.300	02/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/27/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	224	112	200	0.0321	
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	216	108	200	0.274	
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.0	% 49.1-14	8						

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

Received:	02/24/2023	Sampling Date:	02/24/2023
Reported:	02/28/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: SW 10 (H230875-10)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	5.29	
Toluene*	<0.050	0.050	02/28/2023	ND	2.12	106	2.00	7.08	
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	7.26	
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.36	106	6.00	7.29	
Total BTEX	<0.300	0.300	02/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/27/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	224	112	200	0.0321	
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	216	108	200	0.274	
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.8	% 49.1-14	8						

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

Received:	02/24/2023	Sampling Date:	02/24/2023
Reported:	02/28/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: FL 1 (H230875-11)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	5.29	
Toluene*	<0.050	0.050	02/28/2023	ND	2.12	106	2.00	7.08	
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	7.26	
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.36	106	6.00	7.29	
Total BTEX	<0.300	0.300	02/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/27/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	224	112	200	0.0321	
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	216	108	200	0.274	
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND					
Surrogate: 1-Chlorooctane	81.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.7	% 49.1-14	8						

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### Analytical Results For:

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

Received:	02/24/2023	Sampling Date:	02/24/2023
Reported:	02/28/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: FL 2 (H230875-12)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	5.29	
Toluene*	<0.050	0.050	02/28/2023	ND	2.12	106	2.00	7.08	
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	7.26	
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.36	106	6.00	7.29	
Total BTEX	<0.300	0.300	02/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/27/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	224	112	200	0.0321	
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	216	108	200	0.274	
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND					
Surrogate: 1-Chlorooctane	90.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.8	% 49.1-14	8						

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

Received:	02/24/2023	Sampling Date:	02/24/2023
Reported:	02/28/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: FL 3 (H230875-13)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	5.29	
Toluene*	<0.050	0.050	02/28/2023	ND	2.12	106	2.00	7.08	
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	7.26	
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.36	106	6.00	7.29	
Total BTEX	<0.300	0.300	02/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	02/27/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	224	112	200	0.0321	
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	216	108	200	0.274	
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND					
Surrogate: 1-Chlorooctane	82.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.4	% 49.1-14	8						

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### Analytical Results For:

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

Received:	02/24/2023	Sampling Date:	02/24/2023
Reported:	02/28/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: FL 4 (H230875-14)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	5.29	
Toluene*	<0.050	0.050	02/28/2023	ND	2.12	106	2.00	7.08	
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	7.26	
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.36	106	6.00	7.29	
Total BTEX	<0.300	0.300	02/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/27/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	224	112	200	0.0321	
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	216	108	200	0.274	
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND					
Surrogate: 1-Chlorooctane	92.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.0	% 49.1-14	8						

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### Analytical Results For:

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

Received:	02/24/2023	Sampling Date:	02/24/2023
Reported:	02/28/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: FL 5 (H230875-15)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	5.29	
Toluene*	<0.050	0.050	02/28/2023	ND	2.12	106	2.00	7.08	
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	7.26	
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.36	106	6.00	7.29	
Total BTEX	<0.300	0.300	02/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/27/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	224	112	200	0.0321	
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	216	108	200	0.274	
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND					
Surrogate: 1-Chlorooctane	81.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.7	% 49.1-14	8						

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### Analytical Results For:

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

Received:	02/24/2023	Sampling Date:	02/24/2023
Reported:	02/28/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: FL 6 (H230875-16)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	5.29	
Toluene*	<0.050	0.050	02/28/2023	ND	2.12	106	2.00	7.08	
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	7.26	
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.36	106	6.00	7.29	
Total BTEX	<0.300	0.300	02/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/27/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	224	112	200	0.0321	
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	216	108	200	0.274	
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND					
Surrogate: 1-Chlorooctane	91.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.5	% 49.1-14	8						

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### Analytical Results For:

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

Received:	02/24/2023	Sampling Date:	02/24/2023
Reported:	02/28/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: FL 7 (H230875-17)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	5.29	
Toluene*	<0.050	0.050	02/28/2023	ND	2.12	106	2.00	7.08	
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	7.26	
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.36	106	6.00	7.29	
Total BTEX	<0.300	0.300	02/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/27/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	224	112	200	0.0321	
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	216	108	200	0.274	
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND					
Surrogate: 1-Chlorooctane	93.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.0	% 49.1-14	8						

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

Received:	02/24/2023	Sampling Date:	02/24/2023
Reported:	02/28/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: FL 8 (H230875-18)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	5.29	
Toluene*	<0.050	0.050	02/28/2023	ND	2.12	106	2.00	7.08	
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.10	105	2.00	7.26	
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.36	106	6.00	7.29	
Total BTEX	<0.300	0.300	02/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/27/2023	ND	400	100	400	7.69	
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	02/27/2023	ND	224	112	200	0.0321	
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	216	108	200	0.274	
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND					
Surrogate: 1-Chlorooctane	88.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.9	% 49.1-14	8						

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\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/24/2023	Sampling Date:	02/24/2023
Reported:	02/28/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: FL 9 (H230875-19)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2023	ND	2.11	106	2.00	0.670	
Toluene*	<0.050	0.050	02/28/2023	ND	2.05	103	2.00	0.548	
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.00	100	2.00	0.895	
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.07	101	6.00	1.23	
Total BTEX	<0.300	0.300	02/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/27/2023	ND	400	100	400	7.69	
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	02/27/2023	ND	224	112	200	0.0321	
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	216	108	200	0.274	
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND					
Surrogate: 1-Chlorooctane	97.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.1	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/24/2023	Sampling Date:	02/24/2023
Reported:	02/28/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: FL 10 (H230875-20)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2023	ND	2.11	106	2.00	0.670	
Toluene*	<0.050	0.050	02/28/2023	ND	2.05	103	2.00	0.548	
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.00	100	2.00	0.895	
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.07	101	6.00	1.23	
Total BTEX	<0.300	0.300	02/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/27/2023	ND	400	100	400	7.69	
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	02/27/2023	ND	224	112	200	0.0321	
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	216	108	200	0.274	
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND					
Surrogate: 1-Chlorooctane	88.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received:	02/24/2023	Sampling Date:	02/24/2023
Reported:	02/28/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: FL 11 (H230875-21)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2023	ND	2.11	106	2.00	0.670	
Toluene*	<0.050	0.050	02/28/2023	ND	2.05	103	2.00	0.548	
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.00	100	2.00	0.895	
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.07	101	6.00	1.23	
Total BTEX	<0.300	0.300	02/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	02/27/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	224	112	200	0.0321	
DRO >C10-C28*	15.2	10.0	02/27/2023	ND	216	108	200	0.274	
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND					
Surrogate: 1-Chlorooctane	96.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.3	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received:	02/24/2023	Sampling Date:	02/24/2023
Reported:	02/28/2023	Sampling Type:	Soil
Project Name:	GERONIMO 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	FRONTIER - UL/ M SEC 30 T19S - R33E		

### Sample ID: FL 12 (H230875-22)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2023	ND	2.11	106	2.00	0.670	
Toluene*	<0.050	0.050	02/28/2023	ND	2.05	103	2.00	0.548	
Ethylbenzene*	<0.050	0.050	02/28/2023	ND	2.00	100	2.00	0.895	
Total Xylenes*	<0.150	0.150	02/28/2023	ND	6.07	101	6.00	1.23	
Total BTEX	<0.300	0.300	02/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/27/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2023	ND	224	112	200	0.0321	
DRO >C10-C28*	<10.0	10.0	02/27/2023	ND	216	108	200	0.274	
EXT DRO >C28-C36	<10.0	10.0	02/27/2023	ND					
Surrogate: 1-Chlorooctane	89.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.4	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

## Laboratories

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

I East Marland, Hobb 575) 393-2326 FAX (5 Hungry Horse LLC Daniel Dominguez v 1058 state: 3-3386 Projec eronimo 6" UL/ M Sec 30 T19S - R: Eli Dominguez Eli Dominguez W1 W2 W3 W4 W4 W5 W6 W6 W6 W6 W6 W7 Circle Onel Circle Onel					CHAIN-UF-CUSI	CHAIN-UF-CUSTUDT AND ANALTSIS REQUEST
101 East Marland, Hobbs, NM 82304           Bill TO         AMALYSIS RECUEST           Bill TO         AMALYSIS RECUEST           Bill TO         Bill TO           Bill TO         Bill TO         AMALYSIS RECUEST           Bill TO         Bill TO         Company frame: Bill TO         AMALYSIS RECUEST           Bill TO         Company frame: Bill TO         AMALYSIS RECUEST           Bill TO         AMALYSIS RECUEST           Bill TO         Company frame: Bill TO         AMALYSIS RECUEST           Bill TO         AMALYSIS RECUEST           Bill TO         AMALY SIG RECUEST           Bill TO         AMALY SIG RECUEST           Bill TO         Bill TO         Colspan="2">AMALY SIG RECUEST           Bill TO	Lavoid					
any Name:         Intrody Hone LLC         BILL TO         ANALYSIS         RECUEST           ise:         [OR 1030]         Isale NM         Zip:         [B241]         Company         Final Final Second LLC         Final Final Second Final Final Final Second Final Final Second Final Final Second Final Final Final Final	101 East Marla (575) 393-232	and, Hobbs, NM 882 26 FAX (575) 393-24	240 476			
et Manager:         Ionale Dominguez         PO.#:         Company         Forder Field Services. LLC         Forder Field Services. Services. Services. Serv		eLLC		BILL TO		REQUEST
base:         Pro Box 1058         State:         NM         ZIP:         882.41         Attr:         Andres Groves           e#:         575 393-3386         Fax #:         Fronter Field Services. LLC         City, Melliana         Concoro Rd           et#:         CertAme:         CertOming 0*         Project Owner:         Fronter Field Services. LLC         City, Melliana         Concoro Rd           et#:         CertAme:         CertAme:         Fronter Field Services. LLC         City, Melliana         Zoncoro Rd           et#:         CertAme:         CertAme:         Fronter Field Services. LLC         City, Melliana         Zoncoro Rd           et#:         CertAme:         Eir Dominguez         Project Owner:         Fronter Field Services. LLC         Row Milliona         Zoncoro Rd           autocox         Swith         Service         Prove #         Forter Field Services. LLC         Row Pielocity         Swith         Zoncoro Rd         Eir Dominguez         Forter Field Services. LLC         Row Pielocity         Row Pielocit		nguez		P.O. #:		
Indubs         State:         Nm         Zip:         B8241         Atm:         Imper Groves           et#:         or 3386         Fax #:	×			Company Frontier Field Sen	vices, LLC	
eff:         575 3393-3386         Fax #:         Address:	Hob					
Image:         Project Owner:         Frontier Field Services, LLC         City:         Maljamar           anne:         Geronimo 6°         State:         Nm         Zip:         98:064           Name:         Eli Domninguez         Fax #:         Fax #:         Fax #:         Fax #:         Fax #:         MM         Zip:         98:064           Count         UL/M Sec 30 T19S - R33E         Fax #:	e #	Fax #:		Address: 47 Conoco Rd		
ame:         Geronimo 6°         State:         NM         ZID:         Bita 264           ame:         Eli Dominguez         Phone #:         575-703-7992         Phone #:         575-703-7992           ame:         Eli Dominguez         Fax #:         Presserv         SAMPLING         Presserv         SAMPLING           over         Sample I.D.         N         N         N         Presserv         SAMPLING           over         SW1         Sample I.D.         R         Presserv         SAMPLING         Presserv         SAMPLING           SW2         C         1         X         Presserv         SAMPLING         Presserv         SAMPLING           SW3         C         1         X         Presserv         SAMPLING         Presserv         SAMPLING           SW4         C         1         X         Presserv         SAMPLING         Presserv         SAMPLING           SW4         C         1         X         Presserv         SAMPLING         Presserv         Z24/23         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         <		Project Owner:	Frontier Field Services, LL	City:		
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MATRIX     PRESERV     SAMPLING       SIM1     Simple I.D.     GI ADD OR (G)OMP.       SIW1     GI ADD OR (G)OMP.     GI ADD OR (G)OMP.       SIW2     C     1     X       SIW2     C     1     X     1       SIW3     C     1     X     1     X       SIW4     C     1     X     1     X     1       SIW5     C     1     X     1     X     1       SIW6     C     1     X     1     1     X     1       SIW7     C     1     X     1     1     X     1     1       SIW6     C     1     X     1     1     X     1     1       SIW7     C     1     X     <		ez		Fax #:		
Sample I.D.         (C) (C) (C) (C)           W1         C         1         X         1         X         1         Z         1         K         W         1         DATE         TIME         Chloride           W3         C         1         X         0         X         212423         X         X           W3         C         1         X         0         X         212423         X         X           W3         C         1         X         0         X         212423         X         X           W3         C         1         X         0         X         212423         X         X           W4         X         1         X         1         X         212423         X         X           W6         C         1         X         1         X         212423         X         X           W7         C         1         X         1         X         212423         X         X           W7         C         1         X         1         X         212423         X         X           W7         C         1 <t< td=""><td>٦</td><td></td><td>MATRIX</td><td></td><td>IG</td><td></td></t<>	٦		MATRIX		IG	
W1         C         1         X         I         X         2/24/23         IX         X           W2         C         1         X         I         X         2/24/23         IX         X           W3         C         1         X         IX         X         2/24/23         IX         X           W4         C         1         X         IX         X         2/24/23         IX         X           W4         C         1         X         IX         IX         IX         2/24/23         IX         X           W6         C         1         IX         IX         IX         IX         2/24/23         IX         X           W7         C         1         IX         IX         IX         2/24/23         IX         X           W10         IX         IX         IX         2/24/23         IX         X <td>21</td> <td>ple I.D.</td> <td># CONTAINERS GROUNDWATER WASTEWATER SOIL OIL</td> <td>OTHER : ACID/BASE: ICE / COOL OTHER :</td> <td>Chloride TPH</td> <td></td>	21	ple I.D.	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	OTHER : ACID/BASE: ICE / COOL OTHER :	Chloride TPH	
W2         C         1         X         I         X         I         X         I         X         I         X         I         X	SW1		1 X	X	-	
W3         C         1         X         I         X         2/24/23         X         X           W4         C         1         X         I         X         2/24/23         X         X           W6         C         1         X         I         X         2/24/23         X         X           W6         C         1         X         I         X         2/24/23         X         X           W7         C         1         X         I         X         2/24/23         X         X           W7         C         1         X         I         X         2/24/23         X         X           W9         C         1         X         I         X         2/24/23         X         X           W9         C         1         X         I         X         2/24/23         X         X           W10         Land or class whenever shall be demody unise make inspective shall be limited to the annount pad by the class the active.the shall be most on the application.         X         X         X           W10         Date:         Date:         Received By:         Fax Result:         Yes           Inflar </td <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td>			1			
MV4     C     1     X     I     X     2/24/23     X     X       MV5     C     1     X     I     X     2/24/23     X     X       MV6     C     1     X     I     X     2/24/23     X     X       MV7     C     1     X     I     X     2/24/23     X     X       MV9     C     1     X     I     X     2/24/23     X     X       MV9     C     1     X     I     X     2/24/23     X     X       MV9     C     1     X     I     X     2/24/23     X     X       MV10     Italian under the second in anting whether based in contract or text shall be manual paid by the cleant in the special bits in annual paid by the cleant in the special bits in annual paid by the cleant in the special bits in annual paid by the cleant in the special bits in annual paid by the cleant in the special bits in annual paid by the cleant is subscalamic.       NV10     Date:     Time: 548     Cordinal and angular instant ungardiss of whether such claim is based upon any of the above stated resource or diserved.       Model to the performance of services between the function whether such claim is based upon any of the above stated resource or diserved.     Time: 1     Yes       Model to the performance of services between text or the bite function the cleant text. <td< td=""><td></td><td></td><td>1</td><td></td><td>+</td><td></td></td<>			1		+	
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W17       C       1       X       I       X       2/24/23       X       X         W18       C       1       X       C       1       X       2/24/23       X       X         W10       C       1       X       I       X       2/24/23       X       X         W10       C       1       X       I       X       2/24/23       X       X         W10       C       1       X       I       X       2/24/23       X       X         W10       C       1       X       I       X       2/24/23       X       X         W10       C       1       X       I       X       2/24/23       X       X         W10       C       1       X       I       X       2/24/23       X       X         W10       Cardnat's labeling without limitation winking and constraint within 30 days after complexitor the application to the application to the application to the application of the application of the application or related to the performance of services hereunder by Cardnat, ngardless of whether such daim is based upon any of the above stated reasons or otherwise.       Example         U1       Date:       Date:       Received By:       Fax Result:       Yes <td></td> <td></td> <td>1</td> <td></td> <td>+</td> <td></td>			1		+	
W/8       C       1       X       1       X       2/24/23       X       X         W/9       C       1       X       1       X       2/24/23       X       X         W/10       C       1       X       1       X       2/24/23       X       X         W/10       C       1       X       1       X       2/24/23       X       X         W/10       C       1       X       X       2/24/23       X       X       X         W/10       C       1       X       X       2/24/23       X <t< td=""><td>T SW7</td><td></td><td>1</td><td></td><td>+</td><td></td></t<>	T SW7		1		+	
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and be failed for incidential or consequential damages, including without limitation, business interruptions, tools of prefix such daims is based upon any of the above stated reasons or otherwise. and or related to the performance of services horeander by Cardinal, regardless of whethes such daims is based upon any of the above stated reasons or otherwise. and or related to the performance of services horeander by Cardinal, regardless of whethes such daims is based upon any of the above stated reasons or otherwise. Time: Sab Received By: Phone Result: Ves Time: Received By: Received By: RemARKS: Time: Cool Intact Bus - Other: HIL2 BY es HIL2 BY es HIL2 BY es HIL2 BY es HIL2 BY: Cool Intact	PLEASE NOTE: Liability and Damages. Cardinal's liabil analyses. All claims including those for negligence and t	lify and client's exclusive remedy for an any other cause whatsoever shall be d	ny claim arising whether based in contract beemed waived unless made in writing and	or tort, shall be limited to the amount paid by the received by Cardinal within 30 days after comp	e client for the setion of the applicable	
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Date:     Received By:     Email results to:       Time:     Time:     Sample Condition     CHECKED BY:       (Circle One)     C-O.U.2     Sample Condition     CHECKED BY:       Bus - Other:     H12     Pres Pres     Junitast	Y AL	Time:	SNOV	10 8 1	. I Tes	
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(Circle One)     Signature       Bus - Other:     Signature       Harrison     Hill       Bus - Other:     Signature	(	Time:		(	agro	oves@durangomidstream.com
	(Circle One) - Bus - Other	1:100-				

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

### Page 76 of 84

### **CARDINAL** Laboratories

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

		LL NIA DO					
101 E	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	( (575) 393-	3240 2476				
Company Name: H	Hungry Horse LLC			BILL TO			ANALYSIS REQUEST
	Daniel Dominguez			P.O. #:			
×	058			Company Frontier Field Services,	vices, LLC		
흕 L		State: NM	Zip: 88241	Attn: Amber Groves		_	
D		Fax #:		Address: 47 Conoco Rd			
		Project Owner:	Frontier Field Services, LLC	C City: Maljamar			
ame:	Geronimo 6"			State: NM Zip: 88264	Ţ		
	111 / M Sec 30 T19S - R33E	- R33E		Phone #: 575-703-7992			
Sampler Name: E	Eli Dominguez			1	5		
FOR LAB USE ONLY			RS	PRESERY. SAMPLING	G	21	
Lab I.D.	Sample I.D.	P	(G)RAB OR ( # CONTAINE GROUNDWA WASTEWAT SOIL OIL	SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	The chloride	TPH BTEX 80	
			1	X 2/24/23	×	-	
FL2			C 1 X	X 2/24/23	×	× ×	
12 FL3			C 1 X	X 2/24/23	×	-	
14 FL4			C 1 X		×	+	
IS FL5			C 1 X	+	~ ×	+	
10 FL6			C 1 X	Ŧ	~ ~	+	
IT FL7			C 1 X		××	+	
FL8			C 1 X	-	× ×	+	
IA FL9			C 1 X		× ×	+	
ao FL10			1	X 2	//24/23 X	XX	
PLEASE NOTE: Liability and Dama analyses. All claims including those service. In no event shall Cardinal bu	ges. Cardinal's liability and client's exclusive remedy for any claim arising whether for negligence and any other cause whatsoever shall be deemed walved unless r e liable for incidental or consequental damages, including without limitation, busin e	t's exclusive remedy fo use whatsoever shall t uental damages, includ	r any claim arising whether based in contract or rort, s be deemed waived unless made in writing and receive ling without limitation, business interruptions, loss of us	d by Cardinal within 30 da e, or loss of profits incurr	pletion of the applicable Is subsidiaries,		
affiliates or successors arising out of Relinguished By:	ng out of or related to the performance o V:	Date: 7/7/	Received By:	s pased upon any or are above same resource	Phone Result: Fax Result:	I Yes I No	o Add'I Phone #: o Add'I Fax #:
No Xa	2		Roden	malas	REMARKS:		
Relinquished By:	0	Date:	Received By:	0	Email results to:		pm@hungry-horse.com aoroves@durangomidstream.com
		1	Sample Condition	dition CHECKED BY:			
Sampler - UPS - Bu	Bus - Other:	AC		2			
1 Coulinel compete	Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476	des. Please	for written channes to 57	5-393-2476			
	ccept verbal chan	des. Please	fav written channes to 57	5-393-2476			

### **CARDINAL** Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	101 East Marland	Hobbs.	NM 882	40												
	(575) 393-2326 FAX (575) 393-2476	FAX (57)	5) 393-24	176												
Company Name:		C				B	BILL TO					ANALYSIS		REQUEST		
Project Manager:		ez				P.O. #:			_	-	_	_			_	
Address: P	χL					Company Frontier Field Services, LLC	ontier Field Serv	ices, LLC			_					
ġ.	0	State: NM	MM	Zip: 88	88241	Attn: Ambe	Amber Groves						_		_	_
P#	575 393-3386	Fax #:		-		Address: 47	47 Conoco Rd									
		Project Owner:	Owner:	Frontier Fie	Frontier Field Services, LLC	City: Maljamar	nar			_			_			
Droject Name:	Geronimo 6"						Zip: 88264				_		_			
TUJECT Ivallio		100 022	ñ			Phone #: 575-703-7992	5-703-7992				-		-			
Project Location:	ION: ULI MI SEC SUITISS - NOOL	100-1100	Ì			1			_	_	-		-	_	_	
Sampler Name:	e: Eli Dominguez					Fax #:	1					_				
FOR LAB USE ONLY				_	MATRIX	PRESERV.	. SAMPLING	G					_			
Lab I.D.	Sample I.D.	e I.D.		(G)RAB OR (C)O # CONTAINERS GROUNDWATER	WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER :	DATE	TIME	Chloride	TPH	BTEX 8021					
21	FI 11			_	×	×	2/24/23		×	×	×					
2	1111			+	<	×	2/24/23		×	×	×					
8	FL12			C 1	×	×	2124123		>	2	;					
									H	H	H		-		-	
PLEASE NOTE: Liabi analyses. All claims in	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any client making whether based in contract or fort, shall be limited to the announce power of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in witting and received by Cardinal within 30 days after complete analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in witting and received by Cardinal within 30 days after complete analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in witting and received by Cardinal within 30 days after complete analyses.	nd client's exclus other cause what	ive remedy for a tsoever shall be mages, including	ny claim arising wh deemed waived uni a without limitation,	ether based in contract c less made in writing and business interruptions, Ic	In contract or tort, shall be limited to the in writing and received by Cardinal within hterruptions, loss of use, or loss of profits i	the amount paid by the client, where the amount paid by client, its subsidiaries, its incurred by client, its subsidiaries.	s subsidiaries,	able							
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Released to Imaging: 3/22/2023 11:17:26 AM

### Attachment VII NMOCD Form Initial C-141

### Received by OCD: 3/15/2023 10:47:00 AM

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

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Incident ID	nAPP2233326239
District RP	1
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)	

### Location of Release Source

Latitude	32.62748	Longitude -103.71086	
200		D 83 in decimal degrees to 5 decimal places)	
Site Name Ge	ronimo 6"	Site Type Pipeline	
Date Release	Discovered 11/26/2022	API# (if applicable)	

Unit Letter	Section	Township	Range	County
М	30	19S	33E	Eddy

Surface Owner: State Federal Tribal Private (Name:

### Nature and Volume of Release

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls) 10.7	Volume Recovered (bbls)
X Natural Gas	Volume Released (Mcf) 96.90	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Internal & external corrosion.

eccived by OCD: 3/15/2023 10:47:00 AMte of New Mexico		Incident ID	nAPP2233326239						
ge 2	Oil Conservation Division	District RP	111112255520257						
		Facility ID							
		Application ID							
Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible part	y 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								

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not 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: Amber Groves	Title: <u>Remediation Specialist</u>
Signature: Mathatt	Date: <u>11/29/2022</u>
email:agroves@durangomidstream.com	Telephone: <u>(575)703-7992</u>
OCD Only	
Received by:	Date:



### Gas Volume Release Report

	Gas Release Vo	lume Calculator		
Date:	11/26/2022			
Site or Line Name:	Geronimo 6" Pipeline			
Area of hole in pipe:	0.25	square inches		
Absolute Pressure:	63.7	psia - absolute pressure (psia = psig gauge pressure + 14.		
Duration of Release:	60.00	minutes		
Actual Temperature:	37	Degrees F		
Representative Gas Analysis		Please attach or en	mail a representative gas analysis	
Constants				
Temperature at standard conditions:	60	Deg. F		
Pressure at standard conditions:	14.7	PSIA		
Volume of Gas - ACF	21.37	MACF		
Volume of Gas - SCF	96.90	MSCF		

A CONTRACTOR OF A	Votes
Enter	ed by user
Calcul	ated Value
Cc	Instant

		Liq	ula nelea	se Volume	calculator		
Date:	11/26/2022						
Site or Line Name:	Geronimo 6" Pipeline						
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	10	8	3	240	10.70	Medium Sand
Coarse Sand	0.26				0	0.00	Coarse Sand
Gravely Sand	0.26				0	0.00	Gravely Sand
Fine Gravel	0.26		1		0	0.00	Fine Gravel
Medium Gravel	0.20			1	0	0.00	Medium Gravel
Coarse Gravel	0.18	1			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	Ì			0	0.00	Standing Liquids

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

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

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

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

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

District III

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

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

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

CONDITIONS

Operator:	OGRID:
FRONTIER FIELD SERVICES, LLC	221115
10077 Grogans Mill Rd.	Action Number:
The Woodlands, TX 77380	197348
	Action Type:
	[C-141] Release Corrective Action (C-141)

### CONDITIONS

Created By		Condition Date
jnobui	Closure Report Approved.	3/22/2023

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Action 197348