



Remediation Summary and Closure Request

**BTA Oil Producers, LLC
State JB Com #1
Eddy County, New Mexico
Unit Letter "L", Section 32, Township 23 South, Range 28 East
Latitude 32.258969 North, Longitude 104.116709 West
NMOCD Incident # NRM1935343091**

Prepared For:

BTA Oil Producers, LLC
104 S. Pecos St.
Midland, TX 79701

Prepared By:

Hungry Horse, LLC
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April 2024

Handwritten signature of Bradley Wells in black ink.

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HUNGRY HORSE, LLC

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

Background:

The site is located in Unit Letter L (NW/SW), Section 32, Township 23 South, Range 28 East, approximately two miles southwest of Loving, in Eddy County, New Mexico. The location is located on New Mexico State Trust Land. Topographic Map, OSE POD Locations Map, and USGS Well Locations Map are included as Figure 1, Figure 2, and Figure 3, respectively.

The release occurred on an active poly line; Latitude 32.258969 North, Longitude 104.116709 West. The Initial NMOCD Form C-141 indicated that on October 22, 2019 a line strike by a third-party contractor caused the release of approximately 200 bbls of produced water. The release was mostly contained within the contractor's excavation. Approximately 170 bbls of produced water were recovered via vacuum truck. Previously submitted pages of the NMOCD Form C-141 are available on the NMOCD Imaging System.

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 located in a Gypsum Karst designated area. Depth to groundwater information is provided as Attachment III and results are depicted on Figures 2 & 3.

Two wells were located within a half mile of the release area. Wells C 04037 POD1 and USGS 321552104071601, with depth to groundwater listed at 60 feet and 56.75 feet bgs, respectively. However, as the site is located in a Gypsum Karst designated area, the site will be remediated according to the strictest NMOCD Closure Criteria. Utilizing this information, the NMOCD Closure Criteria for the Site is depicted in the table below.

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

A United States Department of Agriculture (USDA) Web Soil Survey was completed to determine soil types in the area of remediation. Web Soil Survey indicates the area is located in the Gypsum land Cottonwood complex comprised of loam soils with 0 to 3 percent slopes. NMSLO Lime-Gypsum sites seed mixture will be utilized for seeding after these completed remediation activities. Karst, Wetland, and Soil Maps are provided as Attachment I.



Delineation and Remediation Activities:

On July 17, 2023, Hungry Horse conducted an initial site assessment consisting of photographing and mapping the release area. On September 7, 2023 Hungry Horse personnel conducted delineation sampling. During sampling, hand augered test bores were advanced throughout the affected area in an effort to determine the vertical extent of contamination. These sample locations are identified by SP designation. In addition, hand augered sample bores were advanced along the outside edges of the affected area in an effort to determine the horizontal extent of contamination. These sample locations are identified by HZ designation. During the advancement of the hand augered sample bores, soil samples were collected and field screened for the presence of chloride concentrations utilizing a Hach Quantab® chloride test kit.

Based on field observations and field test data noted above and provided in Attachment IV, twenty-three representative soil samples were selected for laboratory analysis. Delineation soil samples SP1 through SP3, 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 and SP2, at one foot through four feet bgs, and SP3, at Surface through four feet bgs, which exhibited chloride concentrations in excess of NMOCD Closure Criteria.

From February 25-28, 2024, the release area was excavated. Excavated contaminated soil was temporarily stockpiled onsite, atop plastic, before transport to an NMOCD approved disposal facility. Site photographs are provided as Attachment IV.

On February 28, 2024, Hungry Horse LLC notified NMOCD that fourteen closure samples would be collected on March 1, 2024. Correspondence is provided as Attachment II.

On March 1, 2024, fourteen composite confirmation soil samples were collected from the excavation floor and sidewalls, with each sample representing no more than 200 square feet. Soil samples FL1 through FL10 and SW1 through SW4, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

The excavated area measured approximately one thousand nine hundred square feet, and four and half feet in depth. During remediation activities approximately 317 cubic yards of impacted soil were excavated and hauled to an NMOCD approved disposal facility.

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



Restoration, Reclamation, and Re-Vegetation:

Based upon laboratory analytical results from confirmation soil samples, the excavation was backfilled with locally sourced, clean, non-impacted topsoil. The area has been contoured to achieve erosion control and preserve surface water flow.

The affected area will be seeded, via hand broadcast at double the recommended rate, with NMSLO approved Lime-Gypsum sites seed mixture, free of noxious weeds, within 30 days following the completion of these remediation activities. Site will also be monitored for growth and noxious weed management on a semi-annual basis until desired vegetation is achieved. NMSLO approved Lime-Gypsum sites seed mix is provided as Attachment VII.

Closure Request:

Sampling activities were conducted in accordance with applicable NMOCD Regulations. Laboratory analytical results from confirmation samples indicate concentrations of BTEX, TPH, and chloride are below the NMOCD Closure Criteria.

Based on laboratory analytical results, BTA Oil Producers, LLC respectfully request closure of the JB State Com #1 location, incident NRM1935343091.

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:

BTA Oil Producers, LLC

104 S. Pecos St.
Midland, TX 79701

New Mexico Energy, Minerals and Natural Resources Department

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

New Mexico State Land Office

602 N. Canal. Suite B
Carlsbad, NM 88220

Figures



Figure 1

Topographic Map
 BTA Oil Producers, LLC
 State JB Com #1
 GPS: 32.258969, -104.116709
 Eddy County

Legend:

● State JB Com #1 Location

Drafted: dd
 Checked: bw
 Date: 9/7/23





1:9,028

Figure 2

OSE POD Locations Map
 BTA Oil Producers, LLC
 State JB Com #1
 GPS: 32.258969, -104.116709
 Eddy County

Legend:

- State JB Com #1 Location
- Active OSE Water Well
- Pending OSE Water Well
- Unknown OSE Water Well

Drafted: dd
 Checked: bw
 Date: 9/7/23





Figure 3
 USGS Well Locations Map
 BTA Oil Producers, LLC
 State JB Com #1
 GPS: 32.258969, -104.116709
 Eddy County

Legend:

- State JB Com #1 Location
- 📍 USGS Well Location

Drafted: dd
 Checked: bw
 Date: 9/7/23





Figure 4
Delineation Sample Map
BTA Oil Producers, LLC
State JB Com #1
GPS: 32.258969, -104.116709
Eddy County

Legend:

-  Release Area
-  Delineation Sample Location

Drafted: dd
Checked: bw
Date: 9/7/23



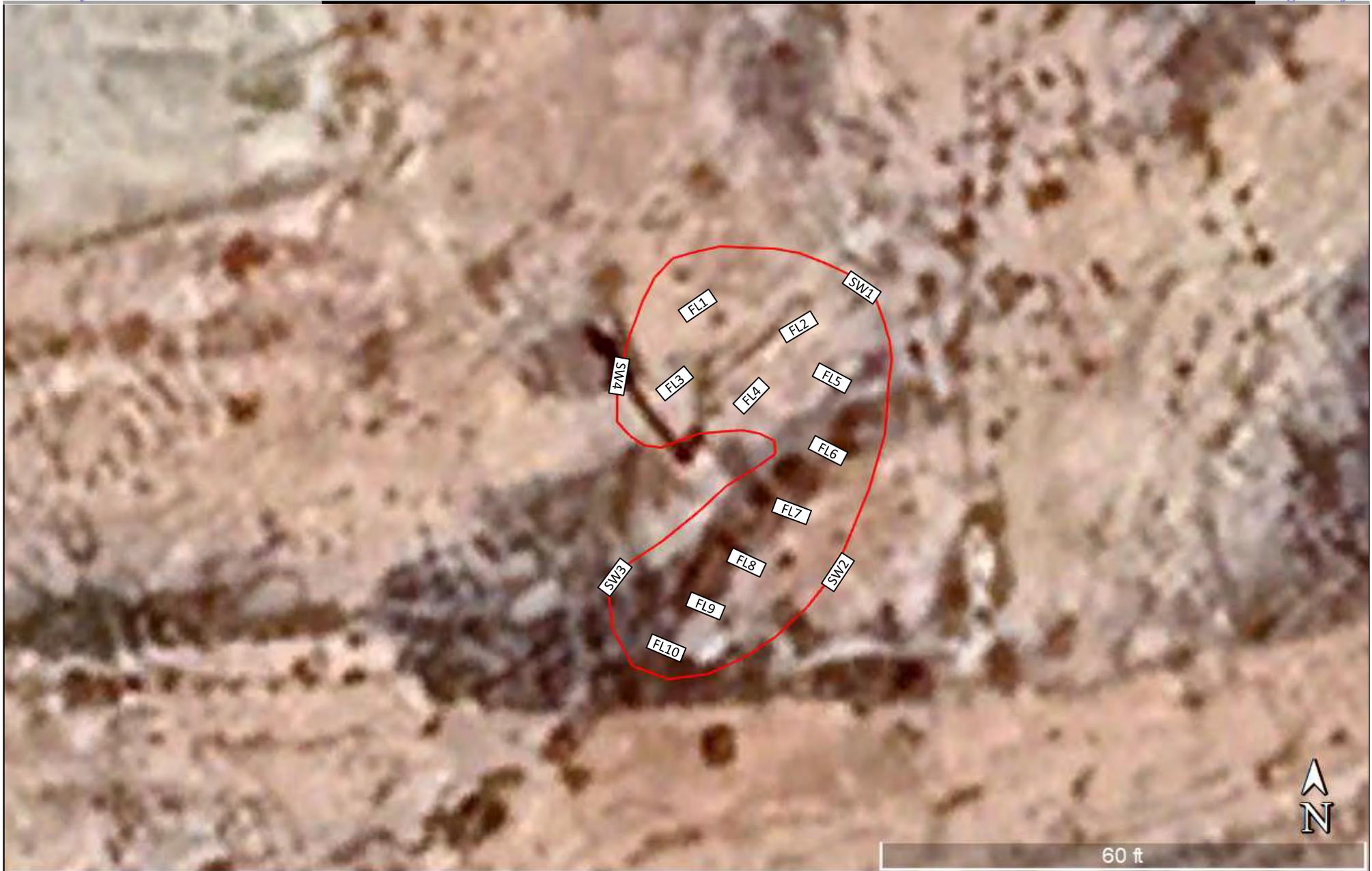


Figure 5

Excavation Sample Map
BTA Oil Producers, LLC
State JB Com #1
GPS: 32.258969, -104.116709
Eddy County

Legend:

-  Excavated Area
-  Composite Confirmation Sample Location

Drafted: dd
Checked: bw
Date: 4/29/24



Tables

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
BTA Oil Producers, LLC
State JB Com #1
NMOCD Ref. #: NRM1935343091

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
SP1	9/7/23	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	9/7/23	1	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,600
	9/7/23	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,400
	9/7/23	3	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,000
	9/7/23	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,600
SP2	9/7/23	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	9/7/23	1	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,920
	9/7/23	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,320
	9/7/23	3	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,720
	9/7/23	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,340
SP3	9/7/23	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	14,000
	9/7/23	1	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,150
	9/7/23	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,480
	9/7/23	3	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,170
	9/7/23	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	800
HZ1	9/7/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	9/7/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
HZ2	9/7/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	9/7/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
HZ3	9/7/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	9/7/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
HZ4	9/7/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	9/7/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL1	3/1/24	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL2	3/1/24	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL3	3/1/24	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL4	3/1/24	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL5	3/1/24	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL6	3/1/24	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL7	3/1/24	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL8	3/1/24	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL9	3/1/24	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL10	3/1/24	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
SW1	3/1/24	2.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW2	3/1/24	2.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW3	3/1/24	2.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW4	3/1/24	2.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

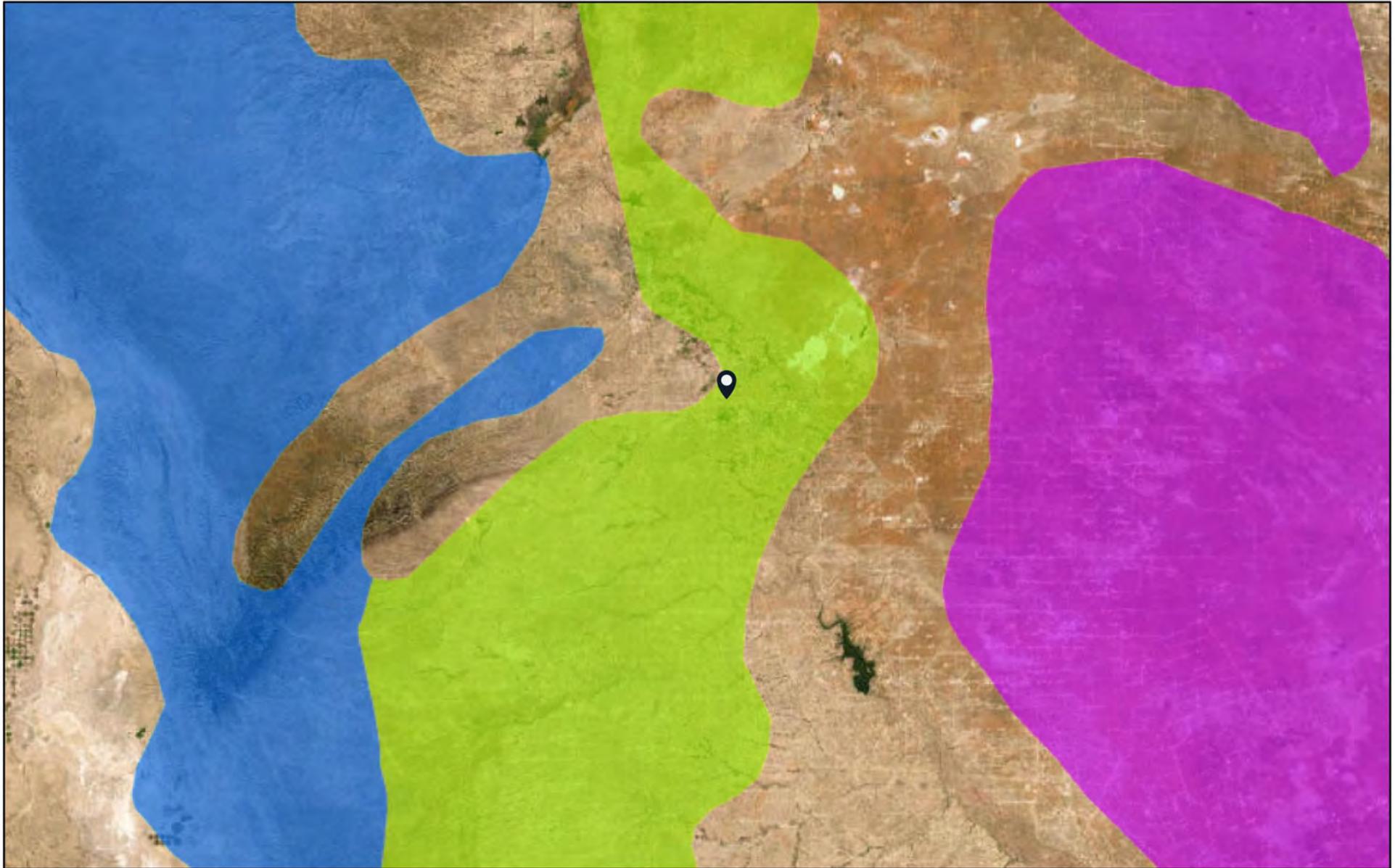
NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

Attachment I
Karst, Wetland, and Soil Maps

State JB Com #1



10/9/2023

Karst Type

Carbonate

Erosional

Gypsum

Volcanic

World Imagery

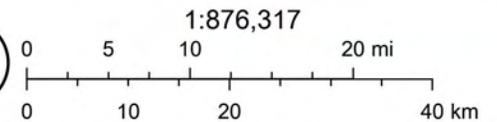
Low Resolution 15m Imagery

High Resolution 60cm Imagery

High Resolution 30cm Imagery

Citations

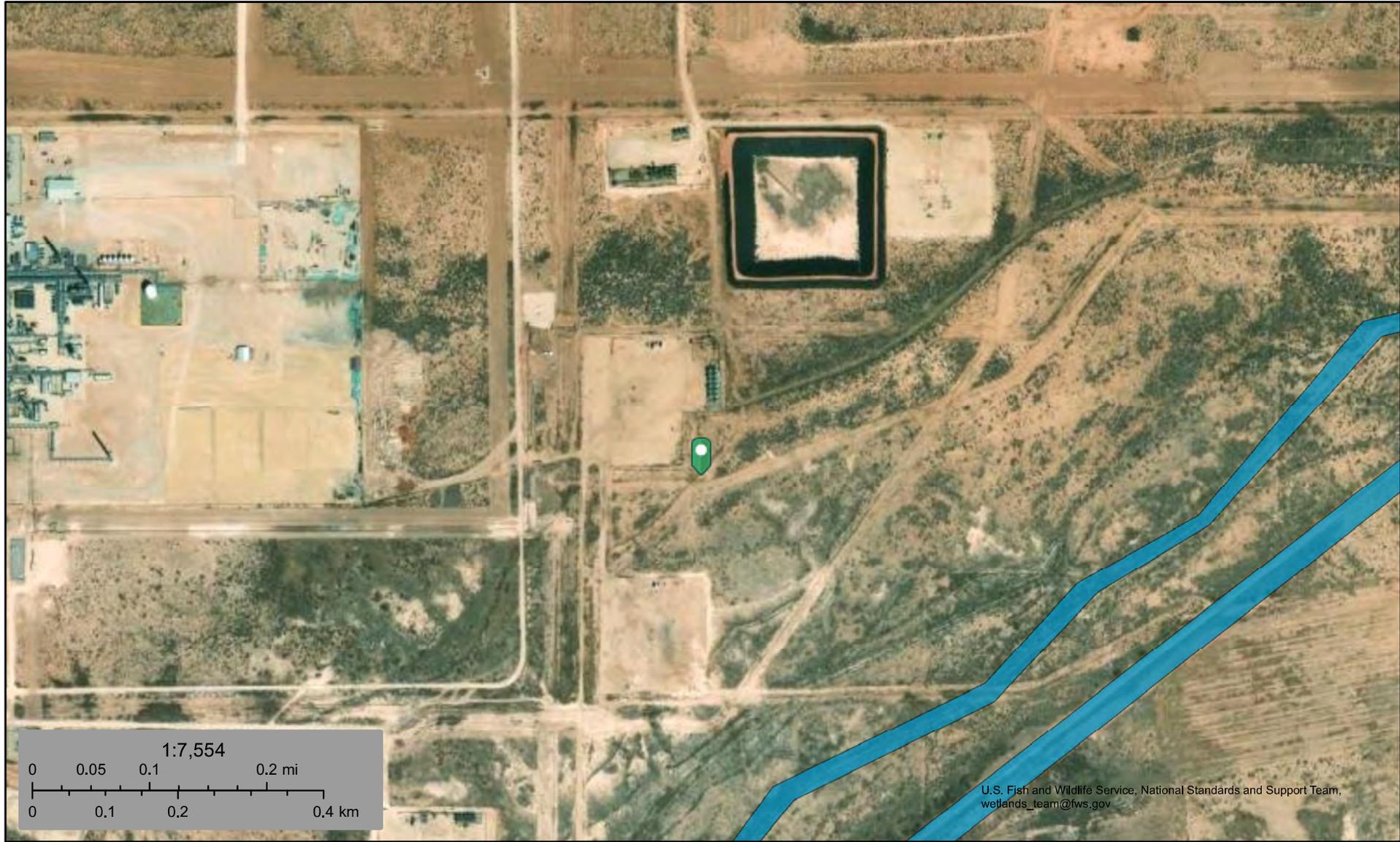
150m Resolution Metadata



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



State JB Com #1



October 9, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

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

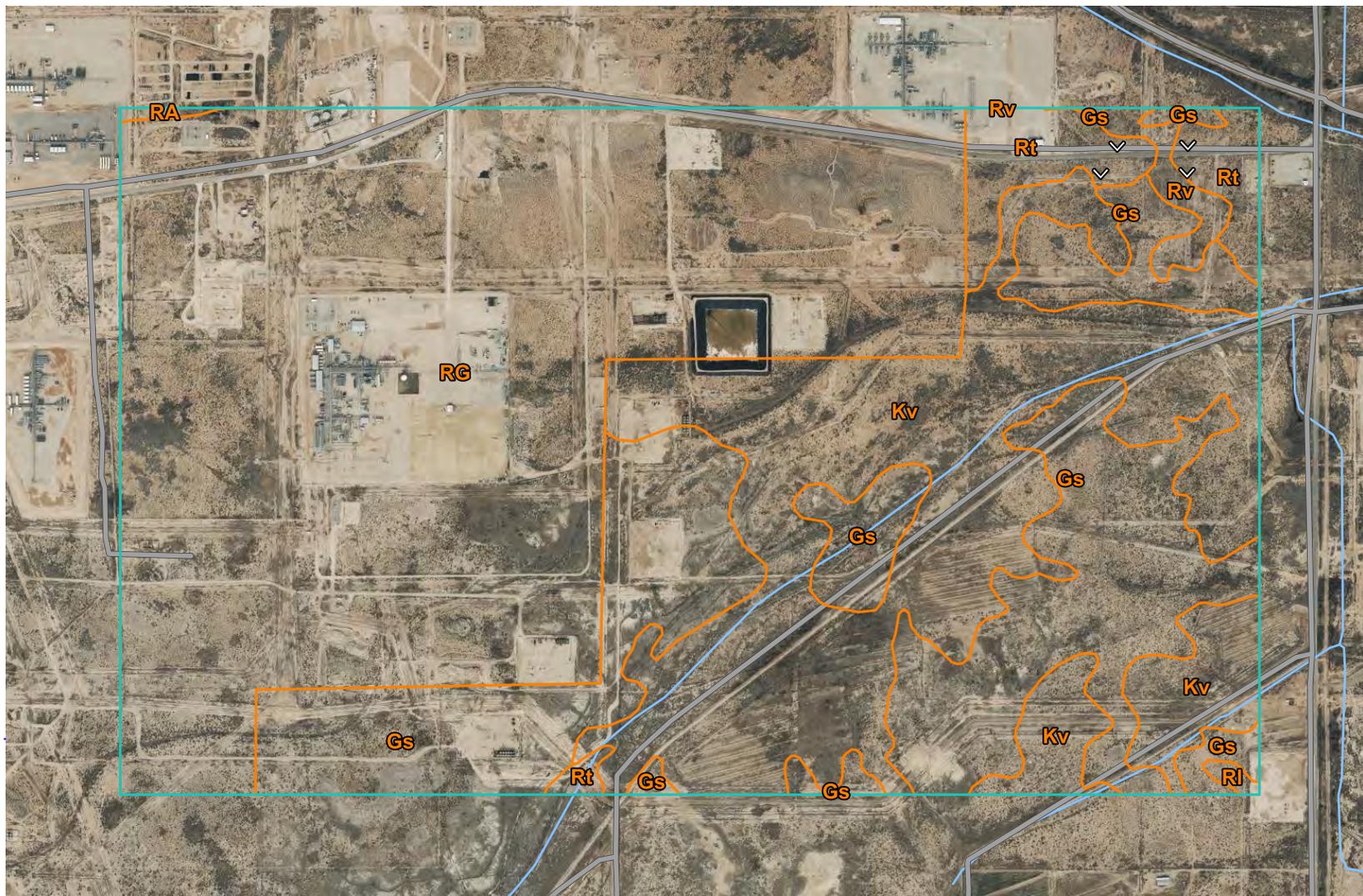
Soil Map—Eddy Area, New Mexico
(State JB Com #1)

104° 7' 59" W

104° 5' 58" W

32° 16' 6" N

32° 16' 6" N

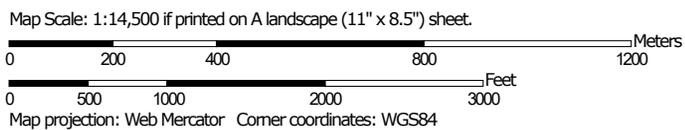


32° 14' 59" N

32° 14' 59" N

104° 7' 59" W

104° 5' 58" W



Soil Map—Eddy Area, New Mexico
(State JB Com #1)

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features

-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features

Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 19, Sep 7, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Nov 12, 2022—Dec 2, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Gs	Gypsum land-Cottonwood complex, 0 to 3 percent slopes	230.6	22.2%
Kv	Karro loam, saline, 0 to 1 percent slopes	253.2	24.3%
RA	Reagan loam, 0 to 3 percent slopes	1.2	0.1%
RG	Reeves-Gypsum land complex, 0 to 3 percent slopes	510.4	49.1%
RI	Reeves loam, 0 to 1 percent slopes	1.5	0.1%
Rt	Reeves loam, shallow, 0 to 1 percent slopes	34.4	3.3%
Rv	Russler loam, 1 to 3 percent slopes	9.1	0.9%
Totals for Area of Interest		1,040.4	100.0%

Map Unit Description: Gypsum land-Cottonwood complex, 0 to 3 percent slopes---Eddy Area,
New Mexico

State JB Com #1

Eddy Area, New Mexico

Gs—Gypsum land-Cottonwood complex, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w4j

Elevation: 1,250 to 5,000 feet

Mean annual precipitation: 10 to 25 inches

Mean annual air temperature: 57 to 66 degrees F

Frost-free period: 190 to 225 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Gypsum land: 60 percent

Cottonwood and similar soils: 30 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Gypsum Land

Setting

Landform: Ridges, plains, hills

Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope

Landform position (three-dimensional): Side slope, head slope, nose slope, crest

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Residuum weathered from gypsum

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8s

Hydric soil rating: No

Description of Cottonwood

Setting

Landform: Ridges, hills

Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope

Landform position (three-dimensional): Side slope, head slope, nose slope, crest

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Residuum weathered from gypsum

Typical profile

H1 - 0 to 9 inches: loam

H2 - 9 to 60 inches: bedrock

Map Unit Description: Gypsum land-Cottonwood complex, 0 to 3 percent slopes---Eddy Area,
New Mexico

State JB Com #1

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 3 to 12 inches to paralithic bedrock

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water

(Ksat): Moderately high to high (0.20 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

Gypsum, maximum content: 5 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0
mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Very low (about 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 6s

Hydrologic Soil Group: D

Ecological site: R070BB006NM - Gyp Upland

Hydric soil rating: No

Minor Components

Rock outcrop

Percent of map unit: 5 percent

Hydric soil rating: No

Cottonwood

Percent of map unit: 5 percent

Ecological site: R070BC033NM - Salty Bottomland

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 19, Sep 7, 2023

Attachment II NMOCD Correspondence

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

QUESTIONS

Action 318416

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 318416
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM1935343091
Incident Name	NRM1935343091 OGDEN WATER LINE - LINE STRIKE @ 30-015-23514
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-23514] STATE JB COM #001

Location of Release Source	
Site Name	OGDEN WATER LINE - LINE STRIKE
Date Release Discovered	10/22/2019
Surface Owner	State

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	1,900
What is the estimated number of samples that will be gathered	14
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/01/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jerry Heidelberg 575-390-3639
Please provide any information necessary for navigation to sampling site	32.258968, -104.116722 10 floor samples and 4 sidewall samples

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720
District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 318416

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 318416
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
btahungry	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/28/2024

Attachment III Depth to Groundwater



New Mexico Office of the State Engineer

Wells with Well Log Information

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

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

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

(NAD83 UTM in meters)

(in feet)

POD Number	Code	Subbasin	County	Source	6416 4	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	Licens Number		
C 04037 POD1		C	ED	Shallow	4	3	2	31	23S	28E	582576		732	07/17/2017	07/18/2017	08/28/2017	99	60	TAYLOR, CLINTON E.	1348

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 583196.4

Northing (Y): 3569483.23

Radius: 805

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

4/7/24 3:09 PM

WELLS WITH WELL LOG INFORMATION



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	04037 POD1	4	3	2	31	23S	28E	582576	3569872

Driller License: 1348 **Driller Company:** TAYLOR WATER WELL SERVICE

Driller Name: TAYLOR, CLINTON E.

Drill Start Date: 07/17/2017 **Drill Finish Date:** 07/18/2017 **Plug Date:**

Log File Date: 08/28/2017 **PCW Rev Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 8 GPM

Casing Size: 4.50 **Depth Well:** 99 feet **Depth Water:** 60 feet

Water Bearing Stratifications:	Top	Bottom	Description
	60	82	Shale/Mudstone/Siltstone
	82	99	Shale/Mudstone/Siltstone

Casing Perforations:	Top	Bottom
	59	99

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

4/7/24 3:11 PM

POINT OF DIVERSION SUMMARY



USGS Home
 Contact USGS
 Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater Geographic Area: United States

Click to hide News Bulletins

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

Groundwater levels for the Nation

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

Search Results -- 1 sites found

Agency code = usgs
 site_no list =
 • 321552104071601

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

USGS 321552104071601 23S.28E.31.23142

Eddy County, New Mexico
 Latitude 32°15'52", Longitude 104°07'16" NAD27
 Land-surface elevation 3,139 feet above NAVD88
 The depth of the well is 93 feet below land surface.
 This well is completed in the Other aquifers (N9999OTHER) national aquifer.
 This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1954-02-16			D 62610		3076.67	NGVD29	1	Z		
1954-02-16			D 62611		3078.28	NAVD88	1	Z		
1954-02-16			D 72019	60.72			1	Z		
1955-01-17			D 62610		3077.42	NGVD29	1	Z		
1955-01-17			D 62611		3079.03	NAVD88	1	Z		
1955-01-17			D 72019	59.97			1	Z		
1956-01-10			D 62610		3079.69	NGVD29	1	Z		
1956-01-10			D 62611		3081.30	NAVD88	1	Z		
1956-01-10			D 72019	57.70			1	Z		
1957-01-09			D 62610		3080.29	NGVD29	1	Z		
1957-01-09			D 62611		3081.90	NAVD88	1	Z		
1957-01-09			D 72019	57.10			1	Z		
1958-01-10			D 62610		3076.36	NGVD29	1	Z		
1958-01-10			D 62611		3077.97	NAVD88	1	Z		
1958-01-10			D 72019	61.03			1	Z		
1959-01-09			D 62610		3079.13	NGVD29	1	Z		

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1959-01-09		D	62611		3080.74	NAVD88	1		Z	
1959-01-09		D	72019	58.26				1	Z	
1960-01-15		D	62610		3078.19	NGVD29	P		Z	
1960-01-15		D	62611		3079.80	NAVD88	P		Z	
1960-01-15		D	72019	59.20				P	Z	
1961-01-13		D	62610		3078.87	NGVD29	P		Z	
1961-01-13		D	62611		3080.48	NAVD88	P		Z	
1961-01-13		D	72019	58.52				P	Z	
1962-01-19		D	62610		3072.11	NGVD29	P		Z	
1962-01-19		D	62611		3073.72	NAVD88	P		Z	
1962-01-19		D	72019	65.28				P	Z	
1963-01-22		D	62610		3081.24	NGVD29	1		Z	
1963-01-22		D	62611		3082.85	NAVD88	1		Z	
1963-01-22		D	72019	56.15				1	Z	
1964-01-20		D	62610		3080.15	NGVD29	1		Z	
1964-01-20		D	62611		3081.76	NAVD88	1		Z	
1964-01-20		D	72019	57.24				1	Z	
1965-01-14		D	62610		3080.37	NGVD29	1		Z	
1965-01-14		D	62611		3081.98	NAVD88	1		Z	
1965-01-14		D	72019	57.02				1	Z	
1966-01-05		D	62610		3079.16	NGVD29	1		Z	
1966-01-05		D	62611		3080.77	NAVD88	1		Z	
1966-01-05		D	72019	58.23				1	Z	
1968-01-26		D	62610		3074.26	NGVD29	1		Z	
1968-01-26		D	62611		3075.87	NAVD88	1		Z	
1968-01-26		D	72019	63.13				1	Z	
1978-01-04		D	62610		3077.05	NGVD29	1		Z	
1978-01-04		D	62611		3078.66	NAVD88	1		Z	
1978-01-04		D	72019	60.34				1	Z	
1983-01-26		D	62610		3076.86	NGVD29	1		Z	
1983-01-26		D	62611		3078.47	NAVD88	1		Z	
1983-01-26		D	72019	60.53				1	Z	
1988-02-11		D	62610		3080.16	NGVD29	1		Z	
1988-02-11		D	62611		3081.77	NAVD88	1		Z	
1988-02-11		D	72019	57.23				1	Z	
1993-02-03		D	62610		3080.64	NGVD29	1		S	
1993-02-03		D	62611		3082.25	NAVD88	1		S	
1993-02-03		D	72019	56.75				1	S	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static

Section	Code	Description
Status	P	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Title: Groundwater for USA: Water Levels

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



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

Page Last Modified: 2024-04-10 17:50:25 EDT

0.31 0.28 nadww02



New Mexico Office of the State Engineer Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)						(NAD83 UTM in meters)	
		(quarters are smallest to largest)						X	Y
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng		
C	01717	2	1	4	32	23S	28E	584173	3569669* 

x

Driller License:

Driller Company:

Driller Name:

Drill Start Date:

Drill Finish Date:

Plug Date:

Log File Date:

PCW Rev Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well:

Depth Water:

x

*UTM location was derived from PLSS - see Help

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4/9/24 3:02 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(NAD83 UTM in meters)				
Well Tag	POD Number	(quarters are smallest to largest)	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 01936		3	2	31	23S	28E	582449	3569964*	

Driller License:

Driller Company:

Driller Name:

Drill Start Date:

Drill Finish Date:

Plug Date:

Log File Date:

PCW Rev Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well:

Depth Water:

*UTM location was derived from PLSS - see Help

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4/9/24 3:01 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Water Right Summary



WR File Number: C 04311 **Subbasin:** C **Cross Reference:** -
Primary Purpose: SAN 72-12-1 SANITARY IN CONJUNCTION WITH A COMMERCIAL USE
Primary Status: PMT PERMIT
Total Acres: **Subfile:** - **Header:** -
Total Diversion: 1 **Cause/Case:** -
Agent: TRAVIS MANN
Owner: SENDERO CARLSBAD MIDSTREAM LLC
Contact: RICHARD BRIGHT

Documents on File

Trn #	Doc	File/Act	Status		Transaction Desc.	From/	Acres	Diversion	Consumptive
			1	2		To			
get images	640423	72121	2019-03-15	PMT	APR	C 04311 POD1	T		1

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Well Tag	Source	Q				X	Y	Other Location Desc
C 04311 POD1	22215		64Q16Q4Sec	Tws	Rng				
			2	1	4	31	23S	28E	582490 3569583

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10/9/23 3:06 PM

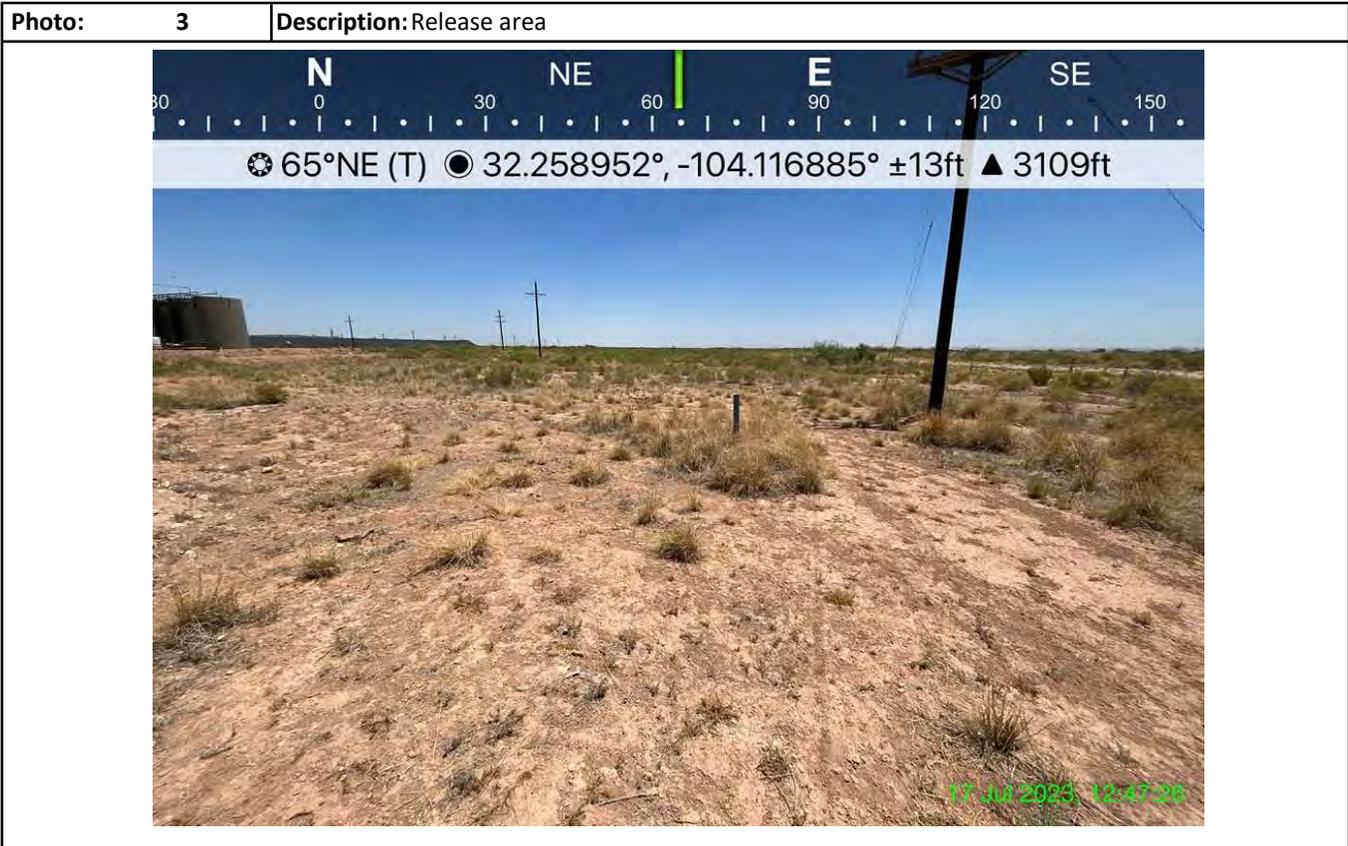
WATER RIGHT SUMMARY

Attachment IV Site Photographs

Photographs



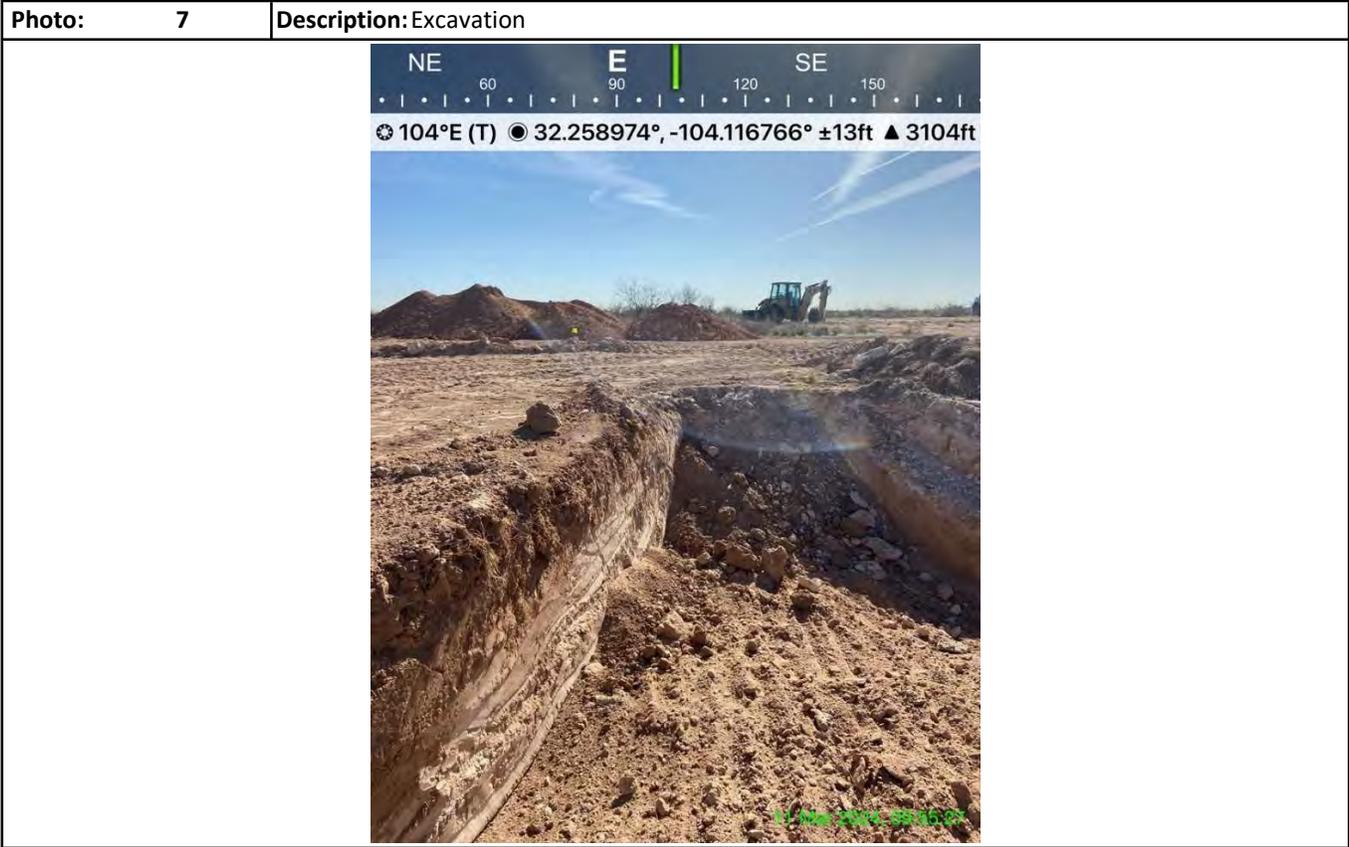
Photographs



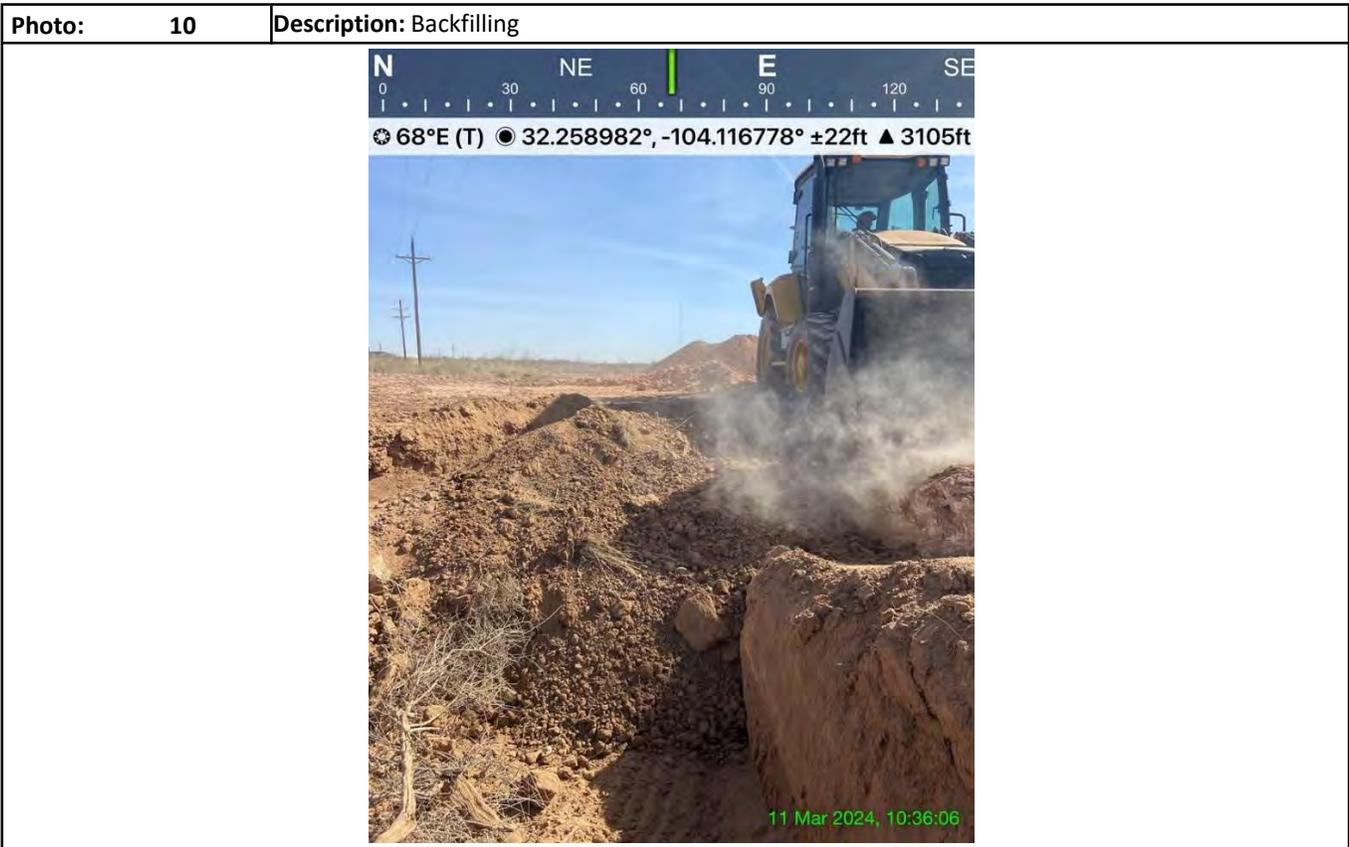
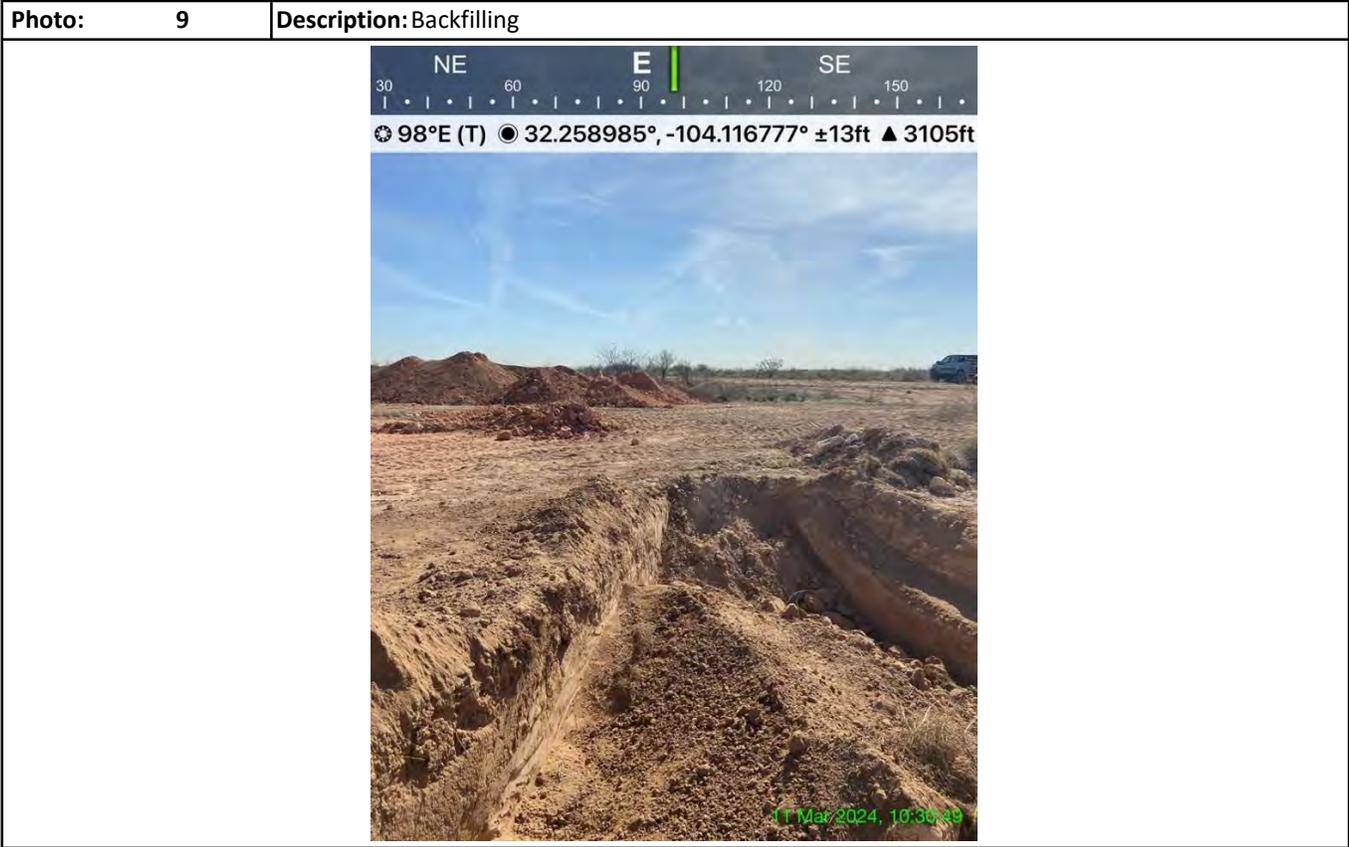
Photographs



Photographs



Photographs



Photographs

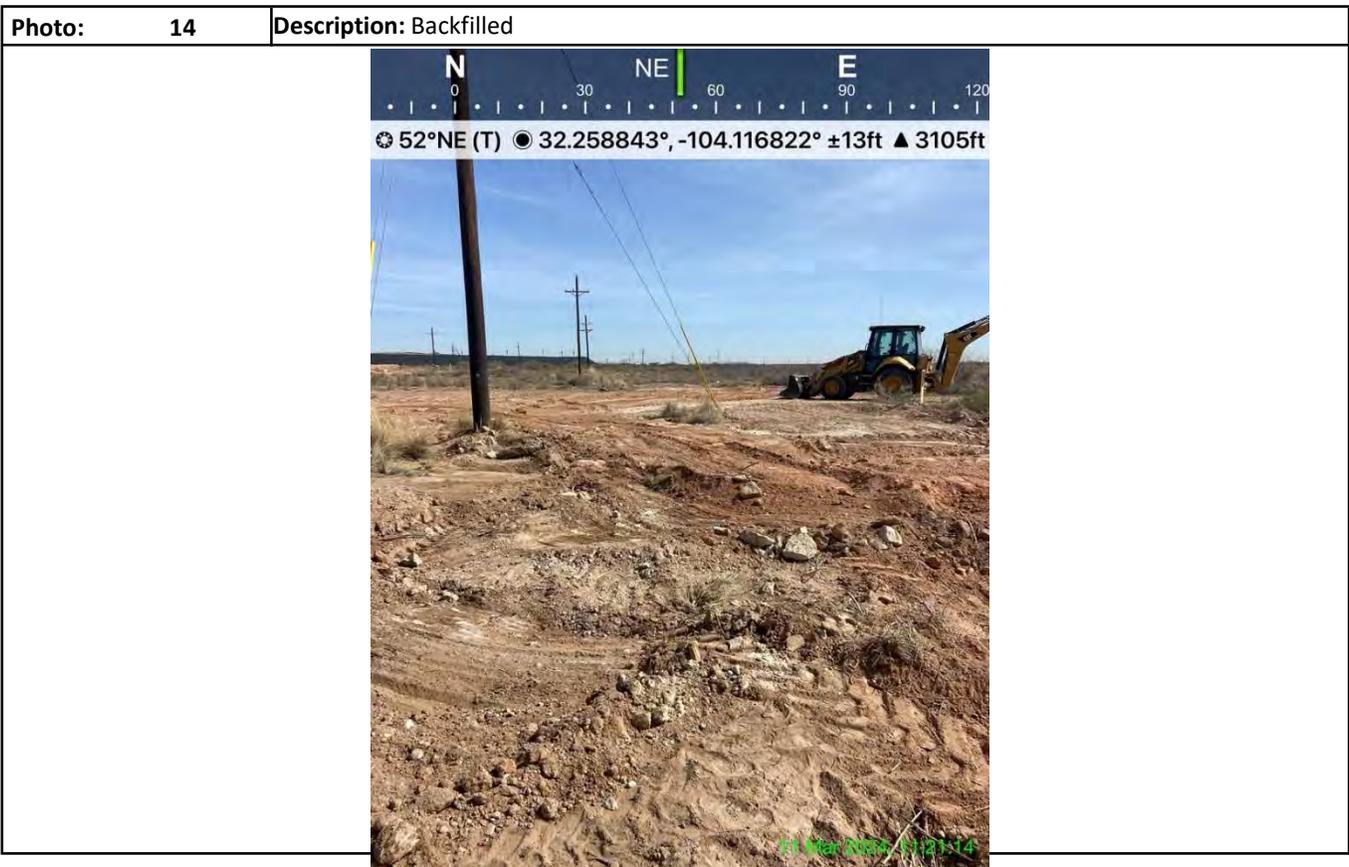
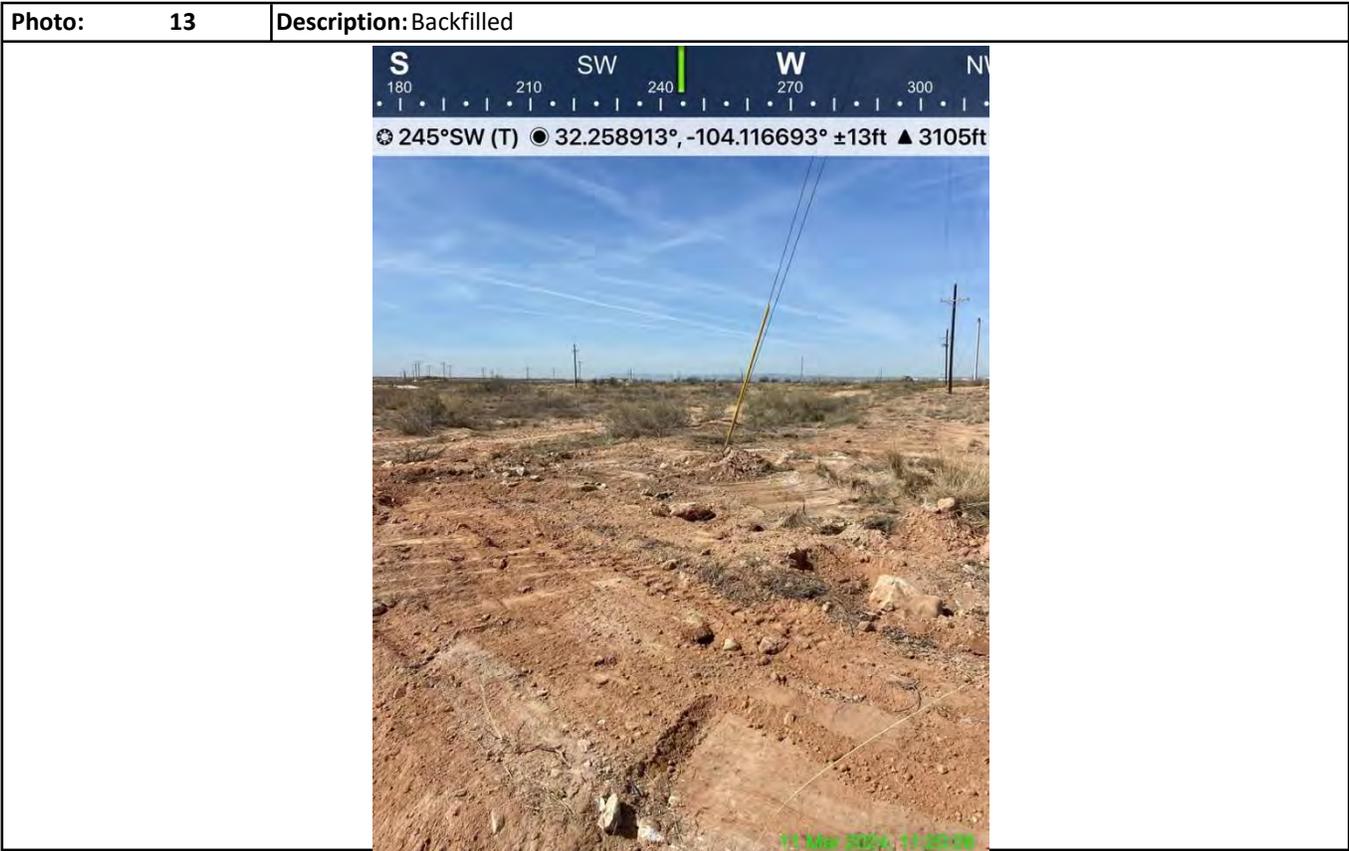
Photo: 11 **Description:** Backfilling



Photo: 12 **Description:** Backfilling



Photographs



Attachment V Field Data

Hungry Horse, LLC

Sample Log

Project: JB State Com #1

Date: 09-07-2023

Karst _____ Water _____

GPS: 32.259005, -104.116776

Standard _____

Sampler: Jerry H.

Sample ID	Depth	PID/Odor	Chloride	GPS
HZ 1	Surf		2.6 @ 70X4 = 280	
HZ 1	1'		2.2 @ 54X4 = 216	
HZ 2	Surf		1.6 @ 35X4 = 140	
HZ 2	1'		2.8 @ 79X4 = 316	
HZ 3	Surf		3.4 @ 111X4 = 444	
HZ 3	1'		2.6 @ 70X4 = 280	
HZ 4	Surf		2.8 @ 79X4 = 316	
HZ 4	1'		2.4 @ 62X4 = 248	
SP 1	Surf		3.2 @ 99X4 = 396	
SP 1	1'		7.8 @ 600X4 = 2400	
SP 1	2'		7.6 @ 558X4 = 2232	
SP 1	3'		7.4 @ 520X4 = 2080	
SP 1	4'		6.6 @ 396X4 = 1,584	
SP 2	Surf		2.4 @ 62X4 = 248	
SP 2	1'		8.0 @ 647X4 = 2,588	
SP 2	2'		7.8 @ 600X4 = 2,400	
SP 2	3'		6.6 @ 396X4 = 1,584	
SP 2	4'		5.8 @ 302X4 = 1,208	

Sample Point = SP1 @ ## etc

Horizontal = HZ1 etc

Test Trench = TT1 @ ##

Floor = FL1 etc

Refusal = SP1 @ 4'-R

Resamples = SP1b @ 5' or SW #1b

Sidewall = SW1 etc

GPS Sample Points, Center of Comp Areas

Stockpile = Stockpile #1

Attachment VI
Laboratory Analytical Reports



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

September 13, 2023

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: STATE JB COM #1

Enclosed are the results of analyses for samples received by the laboratory on 09/08/23 14:11.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/08/2023	Sampling Date:	09/07/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: HZ 1 - SURF (H234883-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.86	93.1	2.00	3.13	
Toluene*	<0.050	0.050	09/11/2023	ND	2.32	116	2.00	0.548	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.40	120	2.00	0.637	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	7.15	119	6.00	0.700	
Total BTEX	<0.300	0.300	09/11/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/12/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	204	102	200	18.4	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	200	100	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/08/2023	Sampling Date:	09/07/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: HZ 1 - 1' (H234883-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.86	93.1	2.00	3.13	
Toluene*	<0.050	0.050	09/11/2023	ND	2.32	116	2.00	0.548	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.40	120	2.00	0.637	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	7.15	119	6.00	0.700	
Total BTEX	<0.300	0.300	09/11/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/12/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	204	102	200	18.4	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	200	100	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/08/2023	Sampling Date:	09/07/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: HZ 2 - SURF (H234883-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.86	93.1	2.00	3.13	
Toluene*	<0.050	0.050	09/11/2023	ND	2.32	116	2.00	0.548	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.40	120	2.00	0.637	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	7.15	119	6.00	0.700	
Total BTEX	<0.300	0.300	09/11/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/12/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	204	102	200	18.4	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	200	100	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/08/2023	Sampling Date:	09/07/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: HZ 2 - 1' (H234883-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.86	93.1	2.00	3.13	
Toluene*	<0.050	0.050	09/11/2023	ND	2.32	116	2.00	0.548	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.40	120	2.00	0.637	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	7.15	119	6.00	0.700	
Total BTEX	<0.300	0.300	09/11/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/12/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	204	102	200	18.4	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	200	100	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Analytical Results For:

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

Received:	09/08/2023	Sampling Date:	09/07/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: HZ 3 - SURF (H234883-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.86	93.1	2.00	3.13	
Toluene*	<0.050	0.050	09/11/2023	ND	2.32	116	2.00	0.548	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.40	120	2.00	0.637	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	7.15	119	6.00	0.700	
Total BTEX	<0.300	0.300	09/11/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/12/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.5	200	1.24	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	223	112	200	0.692	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	09/08/2023	Sampling Date:	09/07/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: HZ 3 - 1' (H234883-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.86	93.1	2.00	3.13	
Toluene*	<0.050	0.050	09/11/2023	ND	2.32	116	2.00	0.548	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.40	120	2.00	0.637	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	7.15	119	6.00	0.700	
Total BTEX	<0.300	0.300	09/11/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/12/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.5	200	1.24	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	223	112	200	0.692	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/08/2023	Sampling Date:	09/07/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: HZ 4 - SURF (H234883-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.95	97.5	2.00	5.18	
Toluene*	<0.050	0.050	09/11/2023	ND	2.26	113	2.00	1.00	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.29	114	2.00	0.0631	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.89	115	6.00	0.777	
Total BTEX	<0.300	0.300	09/11/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/12/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.5	200	1.24	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	223	112	200	0.692	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

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

Received:	09/08/2023	Sampling Date:	09/07/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: HZ 4 - 1' (H234883-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.95	97.5	2.00	5.18	
Toluene*	<0.050	0.050	09/11/2023	ND	2.26	113	2.00	1.00	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.29	114	2.00	0.0631	QM-07
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.89	115	6.00	0.777	QM-07
Total BTEX	<0.300	0.300	09/11/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/12/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.5	200	1.24	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	223	112	200	0.692	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/08/2023	Sampling Date:	09/07/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: SP 1 - SURF (H234883-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.95	97.5	2.00	5.18	
Toluene*	<0.050	0.050	09/11/2023	ND	2.26	113	2.00	1.00	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.29	114	2.00	0.0631	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.89	115	6.00	0.777	
Total BTEX	<0.300	0.300	09/11/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/12/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2023	ND	195	97.5	200	1.24	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	223	112	200	0.692	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/08/2023	Sampling Date:	09/07/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: SP 1 - 1' (H234883-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.95	97.5	2.00	5.18	
Toluene*	<0.050	0.050	09/11/2023	ND	2.26	113	2.00	1.00	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.29	114	2.00	0.0631	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.89	115	6.00	0.777	
Total BTEX	<0.300	0.300	09/11/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	09/12/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.5	200	1.24	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	223	112	200	0.692	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/08/2023	Sampling Date:	09/07/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: SP 1 - 2' (H234883-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.95	97.5	2.00	5.18	
Toluene*	<0.050	0.050	09/11/2023	ND	2.26	113	2.00	1.00	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.29	114	2.00	0.0631	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.89	115	6.00	0.777	
Total BTEX	<0.300	0.300	09/11/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	09/12/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.5	200	1.24	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	223	112	200	0.692	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/08/2023	Sampling Date:	09/07/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: SP 1 - 3' (H234883-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.95	97.5	2.00	5.18	
Toluene*	<0.050	0.050	09/11/2023	ND	2.26	113	2.00	1.00	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.29	114	2.00	0.0631	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.89	115	6.00	0.777	
Total BTEX	<0.300	0.300	09/11/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	09/12/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.5	200	1.24	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	223	112	200	0.692	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

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

Received:	09/08/2023	Sampling Date:	09/07/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: SP 1 - 4' (H234883-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.95	97.5	2.00	5.18	
Toluene*	<0.050	0.050	09/11/2023	ND	2.26	113	2.00	1.00	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.29	114	2.00	0.0631	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.89	115	6.00	0.777	
Total BTEX	<0.300	0.300	09/11/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	09/12/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.5	200	1.24	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	223	112	200	0.692	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Analytical Results For:

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

Received:	09/08/2023	Sampling Date:	09/07/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: SP 2 - SURF (H234883-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.95	97.5	2.00	5.18	
Toluene*	<0.050	0.050	09/11/2023	ND	2.26	113	2.00	1.00	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.29	114	2.00	0.0631	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.89	115	6.00	0.777	
Total BTEX	<0.300	0.300	09/11/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/12/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.5	200	1.24	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	223	112	200	0.692	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/08/2023	Sampling Date:	09/07/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: SP 2 - 1' (H234883-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2023	ND	1.95	97.5	2.00	5.18	
Toluene*	<0.050	0.050	09/12/2023	ND	2.26	113	2.00	1.00	
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.29	114	2.00	0.0631	
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.89	115	6.00	0.777	
Total BTEX	<0.300	0.300	09/12/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	16.0	09/12/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.5	200	1.24	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	223	112	200	0.692	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

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

Received:	09/08/2023	Sampling Date:	09/07/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: SP 2 - 2' (H234883-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2023	ND	1.95	97.5	2.00	5.18	
Toluene*	<0.050	0.050	09/12/2023	ND	2.26	113	2.00	1.00	
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.29	114	2.00	0.0631	
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.89	115	6.00	0.777	
Total BTEX	<0.300	0.300	09/12/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3320	16.0	09/12/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.5	200	1.24	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	223	112	200	0.692	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/08/2023	Sampling Date:	09/07/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: SP 2 - 3' (H234883-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2023	ND	1.95	97.5	2.00	5.18	
Toluene*	<0.050	0.050	09/12/2023	ND	2.26	113	2.00	1.00	
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.29	114	2.00	0.0631	
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.89	115	6.00	0.777	
Total BTEX	<0.300	0.300	09/12/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1720	16.0	09/12/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.5	200	1.24	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	223	112	200	0.692	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/08/2023	Sampling Date:	09/07/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: SP 2 - 4' (H234883-18)

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	09/12/2023	ND	1.95	97.5	2.00	5.18	
Toluene*	<0.050	0.050	09/12/2023	ND	2.26	113	2.00	1.00	
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.29	114	2.00	0.0631	
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.89	115	6.00	0.777	
Total BTEX	<0.300	0.300	09/12/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1340	16.0	09/12/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.5	200	1.24	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	223	112	200	0.692	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/08/2023	Sampling Date:	09/07/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: SP 3 - SURF (H234883-19)

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	09/12/2023	ND	1.95	97.5	2.00	5.18	
Toluene*	<0.050	0.050	09/12/2023	ND	2.26	113	2.00	1.00	
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.29	114	2.00	0.0631	
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.89	115	6.00	0.777	
Total BTEX	<0.300	0.300	09/12/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14000	16.0	09/12/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.5	200	1.24	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	223	112	200	0.692	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

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

Received:	09/08/2023	Sampling Date:	09/07/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: SP 3 - 1' (H234883-20)

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	09/12/2023	ND	1.95	97.5	2.00	5.18	
Toluene*	<0.050	0.050	09/12/2023	ND	2.26	113	2.00	1.00	
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.29	114	2.00	0.0631	
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.89	115	6.00	0.777	
Total BTEX	<0.300	0.300	09/12/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	09/12/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.5	200	1.24	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	223	112	200	0.692	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/08/2023	Sampling Date:	09/07/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: SP 3 - 2' (H234883-21)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2023	ND	1.95	97.5	2.00	5.18	
Toluene*	<0.050	0.050	09/12/2023	ND	2.26	113	2.00	1.00	
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.29	114	2.00	0.0631	
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.89	115	6.00	0.777	
Total BTEX	<0.300	0.300	09/12/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2480	16.0	09/12/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.5	200	1.24	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	223	112	200	0.692	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/08/2023	Sampling Date:	09/07/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: SP 3 - 3' (H234883-22)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2023	ND	1.95	97.5	2.00	5.18	
Toluene*	<0.050	0.050	09/12/2023	ND	2.26	113	2.00	1.00	
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.29	114	2.00	0.0631	
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.89	115	6.00	0.777	
Total BTEX	<0.300	0.300	09/12/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16.0	09/12/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.5	200	1.24	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	223	112	200	0.692	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/08/2023	Sampling Date:	09/07/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: SP 3 - 4' (H234883-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2023	ND	1.95	97.5	2.00	5.18	
Toluene*	<0.050	0.050	09/12/2023	ND	2.26	113	2.00	1.00	
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.29	114	2.00	0.0631	
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.89	115	6.00	0.777	
Total BTEX	<0.300	0.300	09/12/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	09/12/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.5	200	1.24	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	223	112	200	0.692	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-05 The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: PO Box 1058
 City: Hobbs State: NM Zip: 88241
 Phone #: 575 393-3386 Fax #: [blank]
 Project #: [blank] Project Owner: BTA Oil Producers, LLC
 Project Name: State JB Com #1
 Project Location: UL/ L Sec 32 T23S - R28E
 Sampler Name: Jerry Heidelberg
 P.O. #: [blank] Company: BTA Oil Producers, LLC
 Attn: Kelton Beard
 Address: 104 S Pecos St. City: Midland
 State: TX Zip: 79701
 Phone #: 432-312-2203 Fax #: [blank]

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :							
H234883	1	HZ1-Surf	G	1								9/7/23	X	X	X	
	2	HZ1-1'	G	1	X							9/7/23	X	X	X	
	3	HZ2-Surf	G	1	X							9/7/23	X	X	X	
	4	HZ2-1'	G	1	X							9/7/23	X	X	X	
	5	HZ3-Surf	G	1	X							9/7/23	X	X	X	
	6	HZ3-1'	G	1	X							9/7/23	X	X	X	
	7	HZ4-Surf	G	1	X							9/7/23	X	X	X	
	8	HZ4-1'	G	1	X							9/7/23	X	X	X	

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Relinquished By: *[Signature]* Date: 4-8-23 Time: 7:41
 Received By: *[Signature]* Date: [blank] Time: [blank]

Delivered By: (Circle One) UPS Bus Other: O.I.C.
 Sample Condition: Cool Intact
 Yes No Yes No
 CHECKED BY: *[Signature]* (Initials) *[Signature]*

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

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO		ANALYSIS REQUEST					
Project Manager: Daniel Dominguez		Company: BTA Oil Producers, LLC									
Address: PO Box 1058		Attn: Kelton Beard									
City: Hobbs		Address: 104 S Pecos St									
Phone #: 575 393-3386		City: Midland									
Fax #: [blank]		State: TX		Zip: 79701							
Project #: [blank]		Project Owner: BTA Oil Producers, LLC									
Project Name: State JB Com #1		State: NM		Zip: 88241							
Project Location: U/L L Sec 32 T23S - R28E		Phone #: 432-312-2203									
Sampler Name: Jerry Heidelberg		Fax #:									

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE					
9	SP1-Surf	G	1	X							9/7/23		X	X	X
10	SP1-1'	G	1	X							9/7/23		X	X	X
11	SP1-2'	G	1	X							9/7/23		X	X	X
12	SP1-3'	G	1	X							9/7/23		X	X	X
13	SP1-4'	G	1	X							9/7/23		X	X	X
14	SP2-Surf	G	1	X							9/7/23		X	X	X
15	SP2-1'	G	1	X							9/7/23		X	X	X
16	SP2-2'	G	1	X							9/7/23		X	X	X
17	SP2-3'	G	1	X							9/7/23		X	X	X
18	SP2-4'	G	1	X							9/7/23		X	X	X

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Relinquished By: [Signature]	Date: 8-23	Received By: [Signature]	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By: [Signature]	Time: 1411	Received By: [Signature]	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:

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

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Daniel Dominguez		Company: BTA Oil Producers, LLC					
Address: PO Box 1058		Attn: Kelton Bearld					
City: Hobbs		Address: 104 S Pecos St					
Phone #: 575 393-3386		City: Midland					
Project #: [blank]		State: TX					
Project Name: State JB Com #1		Zip: 79701					
Project Location: UL/L Sec 32 T23S - R28E		Phone #: 432-312-2203					
Sampler Name: Jerry Heidelberg		Fax #:					

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H234883	19 SP3-Surf	G	1	X										
	20 SP3-1'	G	1	X										
	21 SP3-2'	G	1	X										
	22 SP3-3'	G	1	X										
	23 SP3-4'	G	1	X										

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Relinquished By: <i>[Signature]</i>	Date: 4-8-23	Received By: <i>[Signature]</i>	Date: 4-11
Relinquished By: <i>[Signature]</i>	Time: 1411	Received By: <i>[Signature]</i>	Time: [blank]

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

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

March 06, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: STATE JB COM #1

Enclosed are the results of analyses for samples received by the laboratory on 03/01/24 13:39.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	03/01/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: FL 1 - 4.5' (H241031-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2024	ND	2.16	108	2.00	0.354	
Toluene*	<0.050	0.050	03/04/2024	ND	2.13	106	2.00	0.0597	
Ethylbenzene*	<0.050	0.050	03/04/2024	ND	2.08	104	2.00	0.0913	
Total Xylenes*	<0.150	0.150	03/04/2024	ND	6.05	101	6.00	0.0985	
Total BTEX	<0.300	0.300	03/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/04/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	217	108	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/04/2024	ND	211	106	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 69.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	03/01/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: FL 2 - 4.5' (H241031-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2024	ND	2.16	108	2.00	0.354	
Toluene*	<0.050	0.050	03/04/2024	ND	2.13	106	2.00	0.0597	
Ethylbenzene*	<0.050	0.050	03/04/2024	ND	2.08	104	2.00	0.0913	
Total Xylenes*	<0.150	0.150	03/04/2024	ND	6.05	101	6.00	0.0985	
Total BTEX	<0.300	0.300	03/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/04/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	217	108	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/04/2024	ND	211	106	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 64.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 57.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	03/01/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: FL 3 - 4.5' (H241031-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2024	ND	2.16	108	2.00	0.354	
Toluene*	<0.050	0.050	03/04/2024	ND	2.13	106	2.00	0.0597	
Ethylbenzene*	<0.050	0.050	03/04/2024	ND	2.08	104	2.00	0.0913	
Total Xylenes*	<0.150	0.150	03/04/2024	ND	6.05	101	6.00	0.0985	
Total BTEX	<0.300	0.300	03/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/04/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	217	108	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/04/2024	ND	211	106	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 62.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 55.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	03/01/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: FL 4 - 4.5' (H241031-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2024	ND	2.16	108	2.00	0.354	
Toluene*	<0.050	0.050	03/04/2024	ND	2.13	106	2.00	0.0597	
Ethylbenzene*	<0.050	0.050	03/04/2024	ND	2.08	104	2.00	0.0913	
Total Xylenes*	<0.150	0.150	03/04/2024	ND	6.05	101	6.00	0.0985	
Total BTEX	<0.300	0.300	03/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/04/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	217	108	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/04/2024	ND	211	106	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 72.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	03/01/2024	Sampling Date:	03/01/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: FL 5 - 4.5' (H241031-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2024	ND	2.16	108	2.00	0.354	
Toluene*	<0.050	0.050	03/04/2024	ND	2.13	106	2.00	0.0597	
Ethylbenzene*	<0.050	0.050	03/04/2024	ND	2.08	104	2.00	0.0913	
Total Xylenes*	<0.150	0.150	03/04/2024	ND	6.05	101	6.00	0.0985	
Total BTEX	<0.300	0.300	03/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/04/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	217	108	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/04/2024	ND	211	106	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 70.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	03/01/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: FL 6 - 4.5' (H241031-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2024	ND	2.16	108	2.00	0.354	
Toluene*	<0.050	0.050	03/04/2024	ND	2.13	106	2.00	0.0597	
Ethylbenzene*	<0.050	0.050	03/04/2024	ND	2.08	104	2.00	0.0913	
Total Xylenes*	<0.150	0.150	03/04/2024	ND	6.05	101	6.00	0.0985	
Total BTEX	<0.300	0.300	03/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/04/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	217	108	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/04/2024	ND	211	106	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 60.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 53.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	03/01/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: FL 7 - 4.5' (H241031-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2024	ND	2.16	108	2.00	0.354	
Toluene*	<0.050	0.050	03/04/2024	ND	2.13	106	2.00	0.0597	
Ethylbenzene*	<0.050	0.050	03/04/2024	ND	2.08	104	2.00	0.0913	
Total Xylenes*	<0.150	0.150	03/04/2024	ND	6.05	101	6.00	0.0985	
Total BTEX	<0.300	0.300	03/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/04/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	217	108	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/04/2024	ND	211	106	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 63.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 55.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	03/01/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: FL 8 - 4.5' (H241031-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2024	ND	2.16	108	2.00	0.354	
Toluene*	<0.050	0.050	03/04/2024	ND	2.13	106	2.00	0.0597	
Ethylbenzene*	<0.050	0.050	03/04/2024	ND	2.08	104	2.00	0.0913	
Total Xylenes*	<0.150	0.150	03/04/2024	ND	6.05	101	6.00	0.0985	
Total BTEX	<0.300	0.300	03/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/04/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2024	ND	217	108	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/05/2024	ND	211	106	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	03/05/2024	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	03/01/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: FL 9 - 4.5' (H241031-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2024	ND	2.16	108	2.00	0.354	
Toluene*	<0.050	0.050	03/04/2024	ND	2.13	106	2.00	0.0597	
Ethylbenzene*	<0.050	0.050	03/04/2024	ND	2.08	104	2.00	0.0913	
Total Xylenes*	<0.150	0.150	03/04/2024	ND	6.05	101	6.00	0.0985	
Total BTEX	<0.300	0.300	03/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/04/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	217	108	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/04/2024	ND	211	106	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 49.1-148

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Analytical Results For:

Hungry Horse Environmental
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 P.O. Box 1058
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Received:	03/01/2024	Sampling Date:	03/01/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: FL 10 - 4.5' (H241031-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2024	ND	2.16	108	2.00	0.354	
Toluene*	<0.050	0.050	03/04/2024	ND	2.13	106	2.00	0.0597	
Ethylbenzene*	<0.050	0.050	03/04/2024	ND	2.08	104	2.00	0.0913	
Total Xylenes*	<0.150	0.150	03/04/2024	ND	6.05	101	6.00	0.0985	
Total BTEX	<0.300	0.300	03/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/04/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	217	108	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/04/2024	ND	211	106	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 69.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	03/01/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: SW 1 - 2.5' (H241031-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2024	ND	2.16	108	2.00	0.354	
Toluene*	<0.050	0.050	03/04/2024	ND	2.13	106	2.00	0.0597	
Ethylbenzene*	<0.050	0.050	03/04/2024	ND	2.08	104	2.00	0.0913	
Total Xylenes*	<0.150	0.150	03/04/2024	ND	6.05	101	6.00	0.0985	
Total BTEX	<0.300	0.300	03/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/04/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	217	108	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/04/2024	ND	211	106	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.6 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	03/01/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: SW 2 - 2.5' (H241031-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.16	108	2.00	0.354	
Toluene*	0.087	0.050	03/05/2024	ND	2.13	106	2.00	0.0597	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	0.0913	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.05	101	6.00	0.0985	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/04/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	217	108	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/04/2024	ND	211	106	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.1 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	03/01/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: SW 3 - 2.5' (H241031-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2024	ND	2.16	108	2.00	0.354	
Toluene*	<0.050	0.050	03/05/2024	ND	2.13	106	2.00	0.0597	
Ethylbenzene*	<0.050	0.050	03/05/2024	ND	2.08	104	2.00	0.0913	
Total Xylenes*	<0.150	0.150	03/05/2024	ND	6.05	101	6.00	0.0985	
Total BTEX	<0.300	0.300	03/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/04/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	217	108	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/04/2024	ND	211	106	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 78.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.2 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2024	Sampling Date:	03/01/2024
Reported:	03/06/2024	Sampling Type:	Soil
Project Name:	STATE JB COM #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	BTA UL/ L SEC 32 T23S - R28E		

Sample ID: SW 4 - 2.5' (H241031-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2024	ND	2.16	108	2.00	0.354	
Toluene*	<0.050	0.050	03/04/2024	ND	2.13	106	2.00	0.0597	
Ethylbenzene*	<0.050	0.050	03/04/2024	ND	2.08	104	2.00	0.0913	
Total Xylenes*	<0.150	0.150	03/04/2024	ND	6.05	101	6.00	0.0985	
Total BTEX	<0.300	0.300	03/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/04/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2024	ND	217	108	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/04/2024	ND	211	106	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	03/04/2024	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.7 % 49.1-148

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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: PO Box 1058
 City: Hobbs State: NM Zip: 88241
 Phone #: 575 393-3386 Fax #:
 Project #:
 Project Name: State JB Com #1
 Project Location: U/L L Sec 32 T23S - R28E
 Sampler Name: Jerry Heidelberg
 P.O. #:
 Company: BTA Oil Producers, LLC
 Attn: Kelton Beard
 Address: 104 S Pecos St
 City: Midland
 State: TX Zip: 79701
 Phone #: 432-312-2203
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER					
1	FL1-4.5'	C	1	X										
2	FL2-4.5'	C	1	X										
3	FL3-4.5'	C	1	X										
4	FL4-4.5'	C	1	X										
5	FL5-4.5'	C	1	X										
6	FL6-4.5'	C	1	X										
7	FL7-4.5'	C	1	X										
8	FL8-4.5'	C	1	X										
9	FL9-4.5'	C	1	X										
10	FL10-4.5'	C	1	X										

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Relinquished By: *[Signature]* Date: 3-1-24
 Received By: *[Signature]* Date: 3-1-24
 Time: 13:39
 Sample Condition: Cool Intact
 Yes No

Delivered By: (Circle One) UPS Bus Other:
 Checked By: *[Signature]*
 Email results to: pm@hungry-horse.com
 kbeaird@btaoil.com



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
 Project Manager: Daniel Dominguez
 Address: PO Box 1058
 City: Hobbs State: NM Zip: 88241
 Phone #: 575 393-3386 Fax #: [blank]
 Project #: [blank] Project Owner: BTA Oil Producers, LLC
 Project Name: State JB Com #1
 Project Location: UL/L Sec 32 T23S - R28E
 Sampler Name: Jerry Heidelberg
 P.O. #: [blank] Company: BTA Oil Producers, LLC
 Attn: Kelton Beaird
 Address: 104 S Pecos St.
 City: Midland State: TX Zip: 79701
 Phone #: 432-312-2203 Fax #: [blank]

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE					
11	SW1-2.5'	C	1	X							3/1/24		X	X	X
12	SW2-2.5'	C	1	X							3/1/24		X	X	X
13	SW3-2.5'	C	1	X							3/1/24		X	X	X
14	SW4-2.5'	C	1	X							3/1/24		X	X	X

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Relinquished By: [Signature] Date: 3-1-24
 Time: 13:39
 Received By: [Signature]
 Date: [blank] Time: [blank]

Delivered By: (Circle One) 8.42
 Sample Condition: Intact Damaged
 Sample - UPS - Bus - Other: \$140
 Checked By: [Signature] (Initials)

REMARKS:
 Email results to: pm@hungry-horse.com
 kbeaird@btaoil.com
 Phone Result: Yes No Add'l Phone #: [blank]
 Fax Result: Yes No Add'l Fax #: [blank]

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

Attachment VII
NMSLO Lime-Gypsum Sites Seed Mixture

NMSLO Seed Mix

Lime – Gypsum (LG)

LIME – GYPSUM (LG) SITES SEED MIXTURE:

COMMON NAME	VARIETY	APPLICATION RATE (PLS/Acre)	DRILL BOX
Black grama	VNS, Southern	1.0	D
Blue grama	Lovington	1.0	D
Sideoats grama	Vaughn, El Reno	4.0	F
Plains bristlegrass	VNS, Southern	2.0	D
Sand dropseed	VNS, Southern	2.0	S
Forbs:			
Firewheel (<i>Gaillardia</i>)	VNS, Southern	1.0	D
Annual Sunflower	VNS, Southern	1.0	D
Shrubs:			
Fourwing saltbush	VNS, Southern	1.0	F
Total PLS/acre		13.0	

S = Small seed drill box, D = Standard seed drill box, F = Fluffy seed drill box
 VNS = Variety Not Stated, PLS = Pure Live Seed

- Seed mixes should be provided in bags separating seed types into the three categories: small (S), standard (D) and fluffy (F).
- VNS, Southern – Seed should be from a southern latitude collection of this species.
- Double seed application rate for broadcast or hydroseeding.
- If one species is not available, contact the SLO for an approved substitute; alternatively the SLO may require other species proportionately increased.
- Additional information on these seed species can be found on the USDA Plants Database website at <http://plants.usda.gov>.



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

QUESTIONS

Action 333127

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 333127
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM1935343091
Incident Name	NRM1935343091 OGDEN WATER LINE - LINE STRIKE @ 30-015-23514
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-23514] STATE JB COM #001

Location of Release Source

Please answer all the questions in this group.

Site Name	OGDEN WATER LINE - LINE STRIKE
Date Release Discovered	10/22/2019
Surface Owner	State

Incident Details

Please answer all the questions in this group.

Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Other Flow Line - Production Produced Water Released: 200 BBL Recovered: 170 BBL Lost: 30 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

District I
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 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

QUESTIONS, Page 2

Action 333127

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 333127
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: BTA HUNGRY Title: Environmental Manager Email: kbeaird@btaoil.com Date: 04/15/2024
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QUESTIONS, Page 3

Action 333127

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 333127
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	14000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	02/25/2024
On what date will (or did) the final sampling or liner inspection occur	03/01/2024
On what date will (or was) the remediation complete(d)	03/11/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	1900
What is the estimated volume (in cubic yards) that will be remediated	317

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 333127

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 333127
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	Not answered.
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Yes
In which state is the disposal taking place	Texas
What is the name of the out-of-state facility	R360 Red Bluff Facility/STF-065
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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.

I hereby agree and sign off to the above statement	Name: BTA HUNGRY Title: Environmental Manager Email: kbeaird@btaoil.com Date: 04/15/2024
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 333127

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 333127
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 333127

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 333127
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	318416
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/01/2024
What was the (estimated) number of samples that were to be gathered	14
What was the sampling surface area in square feet	1900

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1900
What was the total volume (cubic yards) remediated	317
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Sampling activities were conducted in accordance with applicable NMOCD Regulations. Laboratory analytical results from confirmation samples indicate concentrations of BTEX, TPH, and chloride are below the NMOCD Closure Criteria.

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 (in .pdf format) 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.

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

I hereby agree and sign off to the above statement	Name: BTA HUNGRY Title: Environmental Manager Email: kbeaird@btaoil.com Date: 04/15/2024
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QUESTIONS, Page 7

Action 333127

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 333127
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 333127

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 333127
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NRM1935343091 OGDEN WATER LINE - LINE STRIKE, thank you. This Remediation Closure Report is approved.	5/8/2024