



Remediation Summary and Deferral Request

**BTA Oil Producers, LLC
North Ridge West Production Facility
Lea County, New Mexico
Unit Letter "C", Section 35, Township 22 South, Range 34 East
Latitude 32.352540 North, Longitude 103.443880 West
NMOCD Incident # nAPP2126633610**

Prepared For:

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

Prepared By:

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

September 2023

Bradley Wells

Bradley Wells
Project Manager
bwells@hungry-horse.com

Daniel Dominguez

Daniel Dominguez
Environmental Manager
ddominguez@hungry-horse.com

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Incident ID	nAPP2126633610
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

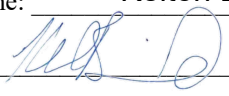
- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

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

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2126633610
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Kelton Beaird Title: Environmental Manager
Signature:  Date: 10-3-23
email: kbeaird@btaoil.com Telephone: 432-312-2203

OCD Only

Received by: Shelly Wells Date: 10/3/2023

Incident ID	nAPP2126633610
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Remediation Plan


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

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☒ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☒ Extents of contamination must be fully delineated.
- ☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Kelton Beaird Title: Environmental Manager
Signature:  Date: 10-3-23
email: kbeaird@btaoil.com Telephone: 432-312-2203

OCD Only

Received by: Shelly Wells Date: 10/3/2023

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

Incident ID	nAPP2126633610
District RP	
Facility ID	
Application ID	

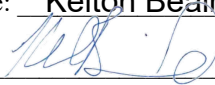
Closure

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

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

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

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

Printed Name: Kelton Beaird Title: Environmental Manager
Signature:  Date: 10-3-23
email: kbeaird@btaoil.com Telephone: 432-312-2203

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____



HUNGRY HORSE, LLC

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

Background:

The site is located in Unit Letter C (NE/NW), Section 35, Township 22 South, Range 34 East, approximately eighteen miles southwest of Eunice, in Lea County, New Mexico. The location is on Bureau of Land Management land. Topographic Map, OSE POD Locations Map, and USGS Well Locations Map are included as Figure 1, Figure 2, and Figure 3, respectively.

The release occurred within an earthen containment ; Latitude 32.352540 North, Longitude 103.443880 West. The Initial NMOCD Form C-141 indicated that on September 22, 2021 approximately 22 bbls of produced water was released to containment due to a washed-out dump valve. A crew was dispatched to the site with a vacuum truck. The valve was repaired and 20 bbls of fluid were recovered from containment area. Previously submitted pages of the NMOCD Form C-141 are available on the NMOCD Imaging System. NMOCD Form Initial C-141 is also included as Attachment VII.

NMOCD Site Classification:

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

No water wells were located within a half mile of the release area. Therefore, the site was delineated and further 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
undetermined	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	N/A
	BTEX	EPA SW-846 Methods 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Methods 8021B or 8260B	10 mg/kg



Delineation and Remediation Activities:

On July 17, 2023, Hungry Horse conducted an initial site assessment consisting of mapping and photographing the release area. On August 9, 2023, Hungry Horse personnel arrived on location to delineate the release area. During delineation, hand augered sample 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 release area in an effort to determine the horizontal extent of contamination. These sample locations are identified by HZ designation. During the advancement of the 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 V, sixty-six representative soil samples were selected for laboratory analysis. Delineation soil samples SP1 through SP12, HZ1 through HZ3, 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 Surface through four feet bgs, SP2 Surface through two feet bgs, SP3 Surface through four feet bgs, SP5 Surface through four feet bgs, SP6 Surface through four feet bgs, SP7 Surface, and SP8 Surface through four feet bgs, which exhibited TPH and/or chloride concentrations in excess of NMOCD Closure Criteria.

On September 12, 2023, twelve composite confirmation soil samples were collected from the excavation floor and sidewalls, every 200 square feet and every 50 linear feet, respectively. Soil samples FL1 through FL4 and SW1 through SW8, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

On September 19, 2023, the areas characterized by sample locations SP1, SP3, SP5, SP6, and SP8 were fully delineated. Delineation soil samples SP1-6', SP3-8', SP5-7', SP6-5', and SP8-6', 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 full extent of the release area could not be excavated as the release occurred within an earthen containment around and under tanks and process equipment. The areas within the containment area that were accessible to excavation were excavated via hand shovels, as the proximity of process equipment prevented use of mechanical equipment. During remediation activities approximately 36 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. Site Photographs are provided as Attachment III.

Restoration, Reclamation, and Re-Vegetation:

Based upon laboratory analytical results from confirmation soil samples, the excavation was backfilled with locally sourced, clean, non-impacted material. The area was contoured to achieve erosion control and preserve surface water flow. As the affected area is located on an active tank battery pad, no seeding will be required.

Deferral Request:

Remediation activities were conducted in accordance with applicable NMOCD Regulations. Soil affected above the NMOCD Closure Criteria has been excavated up and hauled to an NMOCD approved facility for disposal. 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 deferral of the North Ridge West Production Facility location, incident nAPP2126633610, until such time as the facility is taken out of production.

Limitations:

Hungry Horse, LLC, has prepared this *Remediation Summary and Deferral 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

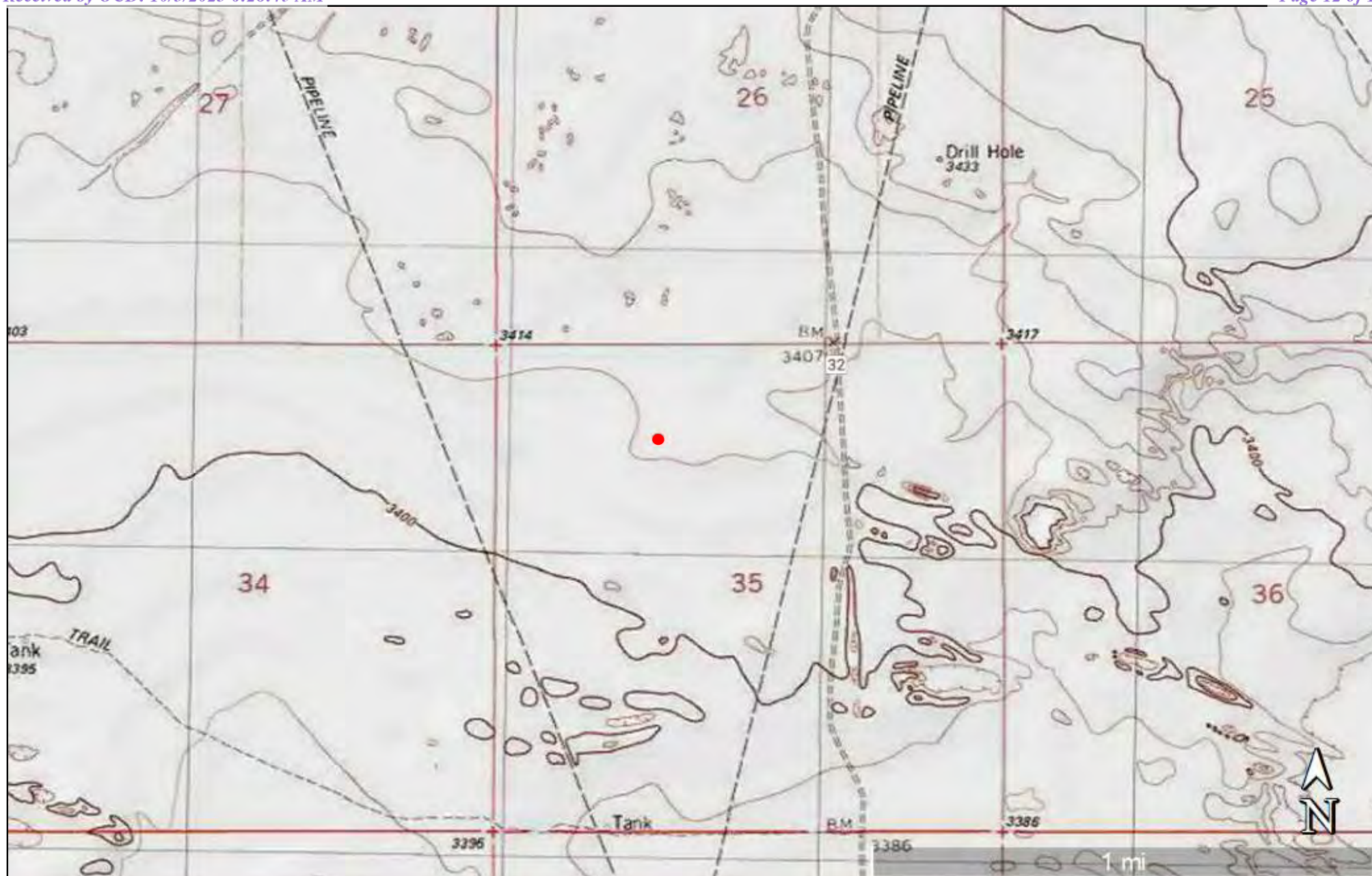
New Mexico Energy, Minerals and Natural Resources Department

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

New Mexico Bureau of Land Management

620 E. Greene St
Carlsbad, NM 88220

Figures

**Figure 1**

Topographic Map
 BTA Oil Producers, LLC
 North Ridge West Production Facility
 GPS: 32.35254, -103.44388
 Lea County

Legend:

- North Ridge West Production Facility Location

Drafted: dd
 Checked: bw
 Date: 8/8/23



**Figure 2**

OSE POD Locations Map
BTA Oil Producers, LLC
North Ridge West Production Facility
GPS: 32.35254, -103.44388
Lea County

Legend:

- North Ridge West Production Facility Location
- Plugged OSE Water Well
- Pending OSE Water Well

Drafted: dd
Checked: bw
Date: 8/8/23



**Figure 3**

USGS Well Locations Map
BTA Oil Producers, LLC
North Ridge West Production Facility
GPS: 32.35254, -103.44388
Lea County

Legend:

- North Ridge West Production Facility Location

Drafted: dd
Checked: bw
Date: 8/8/23



**Figure 4**

Delineation Sample Map
BTA Oil Producers, LLC
North Ridge West Production Facility
GPS: 32.35254, -103.44388
Lea County

Legend:

- Release Area
 SP1 Delineation Sample Location



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Checked: bw
Date: 8/8/23



**Figure 5**

Excavation Sample Map
BTA Oil Producers, LLC
North Ridge West Production Facility
GPS: 32.35254, -103.44388
Lea County

Legend:

-  Excavated Area
 Composite Confirmation Sample Location

Drafted: dd
Checked: bw
Date: 9/12/23



Tables

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
BTA Oil Producers, LLC
North Ridge West Production Facility
NMOCD Ref. #: nAPP2126633610

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	8/9/23	Surf	Excavated	<0.050	<0.300	<10.0	53.4	<20.0	<10.0	53.4	928
	8/9/23	1	Excavated	<0.050	5.6	420	6410	6,830	1130	7,960	1,410
	8/9/23	2	In-Situ	<0.050	4.41	445	6,830	7,275	1,260	8,535	2,040
	8/9/23	3	In-Situ	<0.050	6.38	494	7,140	7,634	1,330	8,964	2,000
	8/9/23	4	In-Situ	<0.050	<0.300	<10.0	397	397	87.8	485	1,600
	9/19/23	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP2	8/9/23	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32
	8/9/23	1	Excavated	<0.050	1.47	259	9,950	10,209	1,850	12,059	1,150
	8/9/23	2	Excavated	<0.050	<0.300	14.2	4,120	4,134	1,130	5,264	496
	8/9/23	3	In-Situ	<0.050	<0.300	<10.0	131	131	19.3	150	368
	8/9/23	4	In-Situ	<0.050	<0.300	<10.0	38.3	<20.0	<10.0	38.3	288
SP3	8/9/23	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,490
	8/9/23	1	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,470
	8/9/23	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,040
	8/9/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,360
	8/9/23	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,080
	9/19/23	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SP4	8/9/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	8/9/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
	8/9/23	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
	8/9/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
	8/9/23	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SP5	8/9/23	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,660
	8/9/23	1	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,800
	8/9/23	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,680
	8/9/23	3	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,080
	8/9/23	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,040
	9/19/23	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP6	8/9/23	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	656
	8/9/23	1	Excavated	<0.050	<0.300	<10.0	43.6	43.6	<10.0	43.6	864
	8/9/23	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,300
	8/9/23	3	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,520
	8/9/23	4	In-Situ	<0.050	<0.300	<10.0	10.9	<20.0	<10.0	<30.0	1,410
	9/19/23	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SP7	8/9/23	Surf	Excavated	<0.050	<0.300	21.2	8,470	8,491	1,820	10,311	160
	8/9/23	1	In-Situ	<0.050	<0.300	<10.0	26.8	26.8	<10.0	<30.0	48.0
	8/9/23	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
	8/9/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
	8/9/23	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SP8	8/9/23	Surf	Excavated	<0.050	<0.300	<10.0	29.7	29.7	<10.0	<30.0	5,920
	8/9/23	1	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,880
	8/9/23	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,000
	8/9/23	3	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,480
	8/9/23	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,520
	9/19/23	6	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

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
BTA Oil Producers, LLC
North Ridge West Production Facility
NMOCD Ref. #: nAPP2126633610

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)
SP9	8/9/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
	8/9/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
	8/9/23	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	8/9/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	8/9/23	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SP10	8/9/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	8/9/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	8/9/23	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
	8/9/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	8/9/23	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP11	8/9/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
	8/9/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
	8/9/23	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	8/9/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	8/9/23	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SP12	8/9/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	8/9/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
	8/9/23	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
	8/9/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	8/9/23	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
HZ1	8/9/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
	8/9/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
HZ2	8/9/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	8/9/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
HZ3	8/9/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
	8/9/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
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

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
BTA Oil Producers, LLC
North Ridge West Production Facility
NMOCD Ref. #: nAPP2126633610

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)
FL1	9/12/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL2	9/12/23	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL3	9/12/23	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL4	9/12/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW1	9/12/23	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW2	9/12/23	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW3	9/12/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW4	9/12/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW5	9/12/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW6	9/12/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW7	9/12/23	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW8	9/12/23	1.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

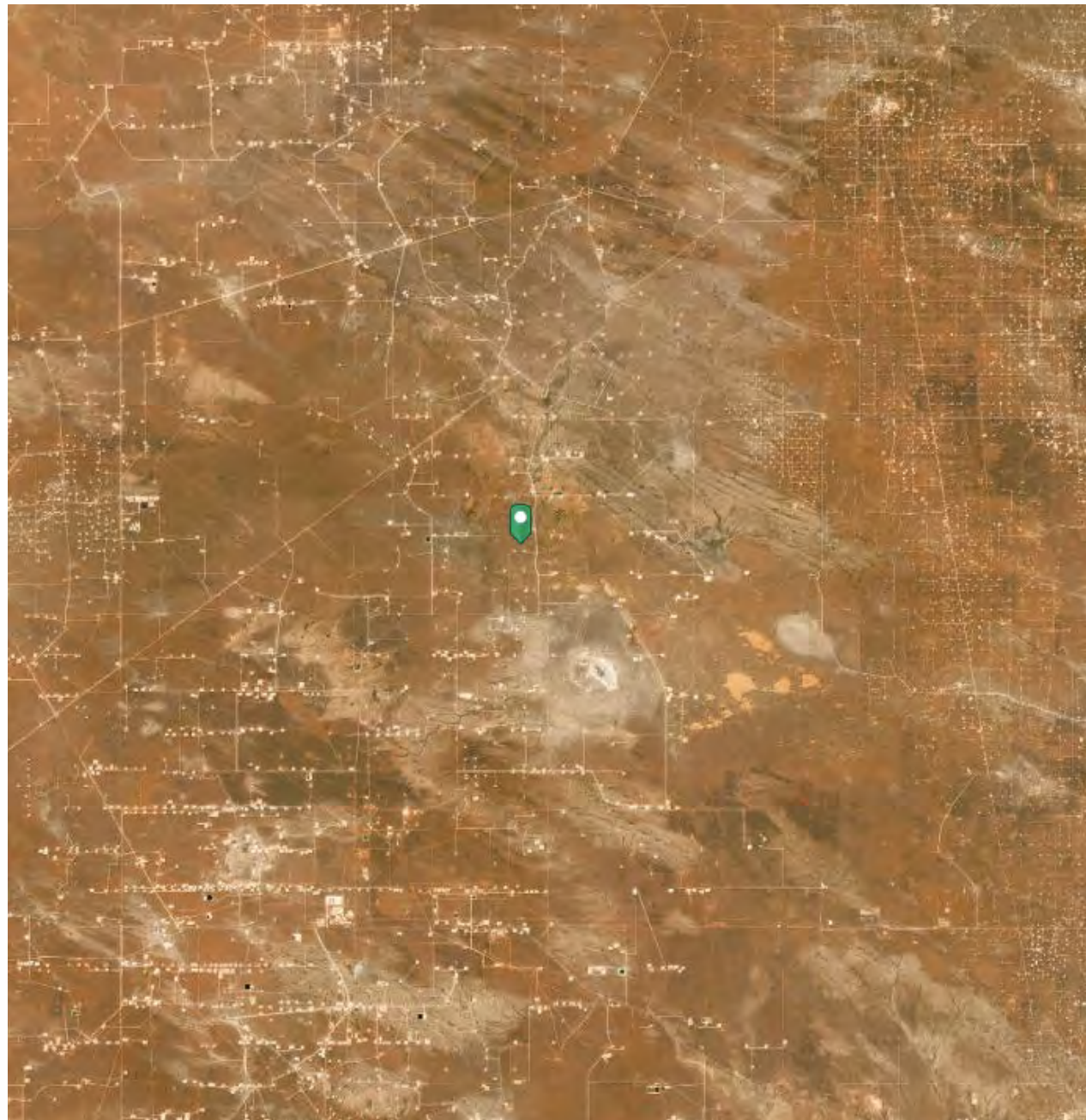
NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

Attachment I

Karst and Wetland Maps



North Ridge West Production Facility

Karst springs

Spring with low flow discharge $\geq 2 \text{ m}^3/\text{s}$

Spring with low flow discharge $< 2 \text{ m}^3/\text{s}$

Submarine spring

Thermal spring

Water abstraction structure in karst aquifer

Cave systems

Border between exposed and non-exposed karstifiable rocks

Selected city, partly dependent on groundwater

Boundary of continuous permafrost

Continuous ice sheet

Karstifiable rocks (potential karst aquifer)

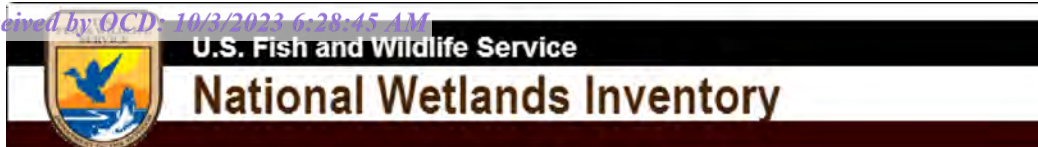
Continuous carbonate rocks

Discontinuous carbonate rocks

Continuous evaporite rocks

Discontinuous evaporite rocks

Mixed carbonate and evaporite rocks








North Ridge West Production Facility






August 21, 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.

Attachment II

NMOCD Correspondence

Daniel Dominguez

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Friday, September 8, 2023 8:54 AM
To: Daniel Dominguez
Cc: Bratcher, Michael, EMNRD; Velez, Nelson, EMNRD
Subject: RE: [EXTERNAL] Closure Samples

Good morning Daniel,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive | Santa Fe, NM 87505
(505)469-7520 | Shelly.Wells@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

From: Daniel Dominguez <ddominguez@hungry-horse.com>
Sent: Friday, September 8, 2023 5:45 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Subject: [EXTERNAL] Closure Samples

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

We will be collecting closure samples at the North Ridge West Production Facility (nAPP2126633610) on Tuesday September 12, 2023 at 8 am.

This is our 2 day notice.

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

Attachment III Site Photographs

Photographs



Photographs



Photographs




Photographs

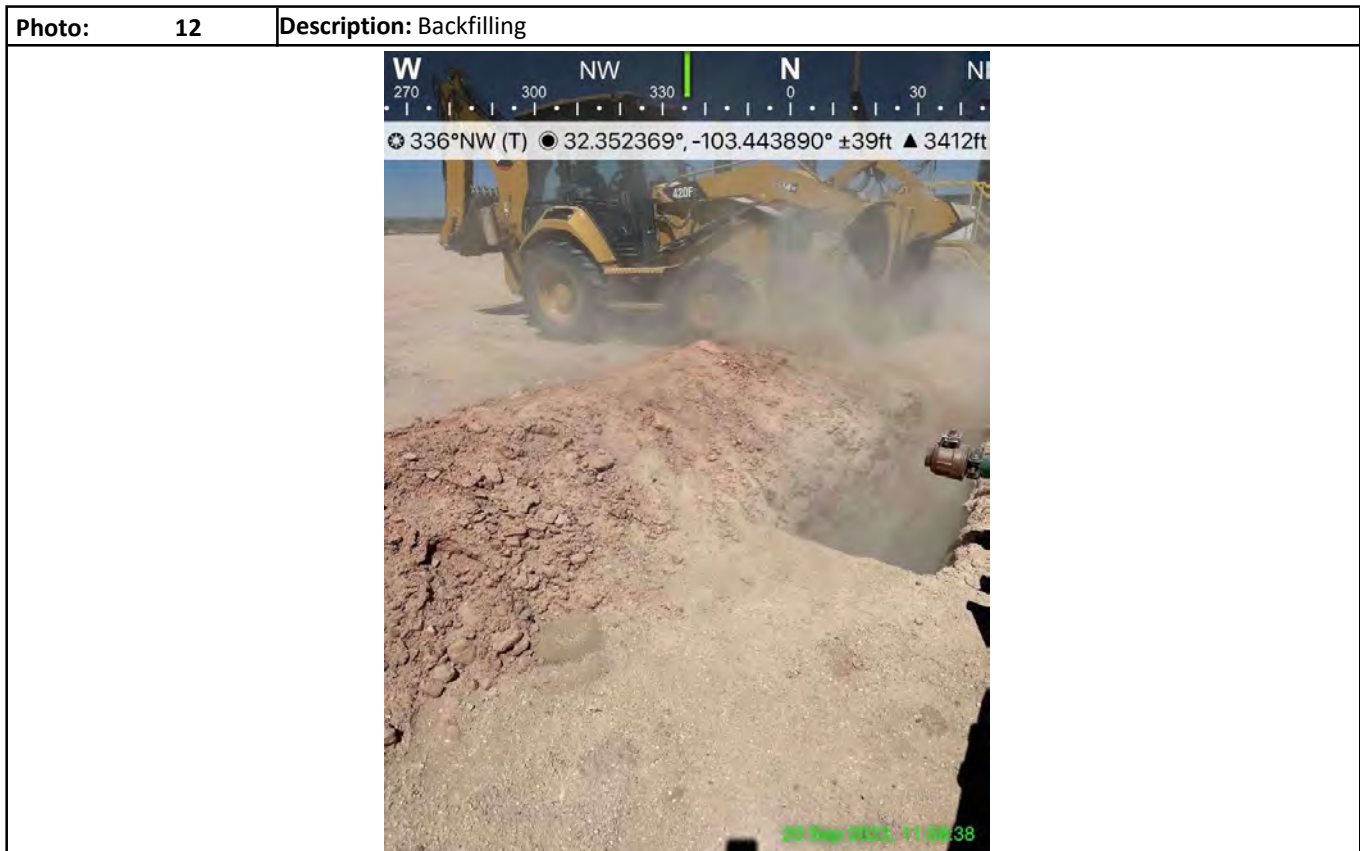


Photographs

Photo:	9	Description: Excavation
 <p>SW W NW 210 240 270 300 330 279°W (T) 32.352453°, -103.443777° ±13ft ▲ 3423ft 07 Sep 2023 11:31:48</p> <p>This photograph shows an excavation site at an industrial facility. In the background, two large, light-colored cylindrical storage tanks are visible, connected by a network of pipes and valves. A yellow crane or lifting device is positioned near the tanks. The foreground is dominated by a deep, rectangular excavation pit filled with reddish-brown soil and some debris. The sky is clear and blue. A digital overlay at the top of the image provides orientation (SW, W, NW) and a scale bar from 210 to 330. Below the scale bar, it displays a bearing of 279°W (T) and coordinates 32.352453°, -103.443777° ±13ft, along with an elevation of 3423ft. A timestamp in the bottom right corner reads '07 Sep 2023 11:31:48'.</p>		

Photo:	10	Description: Excavation
 <p>SW W NW 240 270 300 330 288°W (T) 32.352515°, -103.443784° ±13ft ▲ 3423ft 07 Sep 2023 11:38:52</p> <p>This photograph shows a similar excavation site to the one in Photo 9. The background features the same large storage tanks and piping. The excavation pit in the foreground is slightly different in shape and depth. A yellow safety fence or barrier is visible in the middle ground. The sky is clear and blue. A digital overlay at the top of the image provides orientation (SW, W, NW) and a scale bar from 240 to 330. Below the scale bar, it displays a bearing of 288°W (T) and coordinates 32.352515°, -103.443784° ±13ft, along with an elevation of 3423ft. A timestamp in the bottom right corner reads '07 Sep 2023 11:38:52'.</p>		

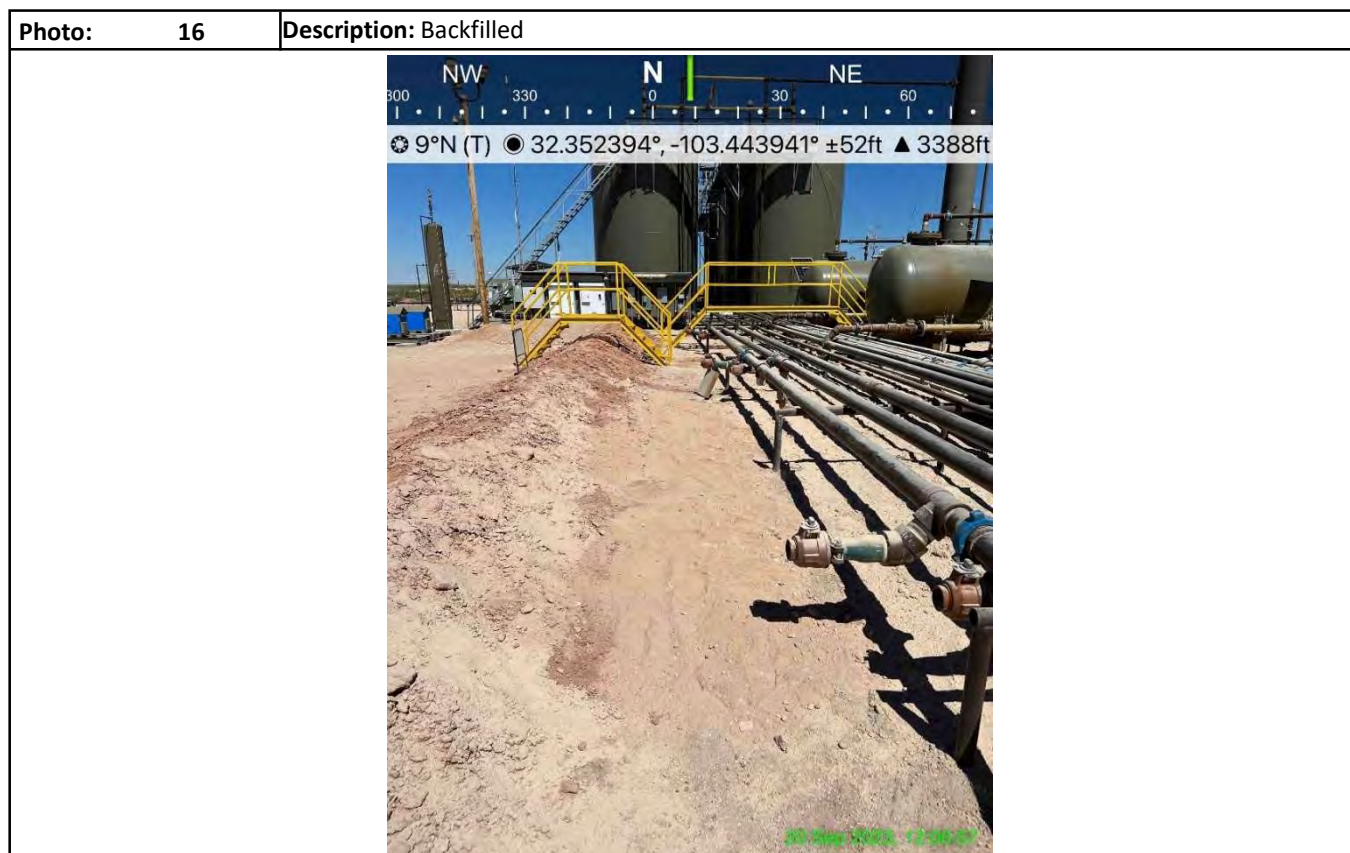
Photographs



Photographs



Photographs



Attachment IV

Depth to Groundwater



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

No wells found.

UTMNAD83 Radius Search (in meters):

Easting (X): 646426.42 Northing (Y): 3580577.4 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.

8/18/23 2:23 PM

WELLS WITH WELL LOG INFORMATION

Attachment V

Field Data

Hungry Horse, LLC

Sample Log

Date: 8/9/23

Project: North Ridge 8040 Fed Com #2

Latitude: 32.35254

Longitude: -103.44388

Sampler: Jerry Heidelberg

Sample ID	Depth	PID/Odor	Chloride	GPS
HZ1	surf		1.8@41X4= 164	
HZ1	1'		1.1@34X4= 136	
HZ2	surf		1.2@ >100	
HZ2	1'		1.4@28X4= 112	
HZ3	surf		1.2@ >100	
HZ3	1'		2.0@48X4= 192	
HZ4	surf			
HZ4	1'			
SP1	surf		3.8@132X4= 528	
SP1	1'		4.8@199X4= 796	
SP1	2'		6.0@308X4= 1,232	
SP1	3'		7.4@502X4= 2,008	
SP1	4'		6.8@407X4= 1,628	
SP2	surf		2.0@48X4= 192	
SP2	1'		5.0@226X4= 904	
SP2	2'		4.2@1162X4= 648	
SP2	3'		3.0@89X4= 356	
SP2	4'		2.8@79X4= 316	
SP3	surf		6.0@308X4= 1,628	
SP3	1'		6.2@346X4= 1,384	
SP3	2'		7.4@520X4= 2,008	
SP3	3'		8.2@43.6@67X4=	
SP3	4'		8.6@43.8@678X4=	
SP4	surf		1.2@ >100	
SP4	1'		1.8@41X4= 164	
SP4	2'		1.4@29X4= 116	
SP4	3'		1.0@ >100	
SP4	4'		0.6@ >100	
SP5	surf		9.2@5.8@1578X4= 6,312	
SP5	1'		6.8@424X4= 1,578 1,696	
SP5	2'		6.2@346X4= 1,384	
SP5	3'		7.4@520X4= 2,008	
SP5	4'		4.4@887X4= 3,548	
SP6	surf		5.8@302X4= 1,208	
SP6	1'		5.0@225X4= 900	
SP6	2'		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

Hungry Horse, LLC

Sample Log

Date: 8/9/23

Project: North Ridge 8040 Fed Com #2

Latitude: 32.35254

Longitude: -103.44388

Sampler: Jerry Heidelberg

Sample ID	Depth	PID/Odor	Chloride	GPS
SP6	3'		6.0@323X4= 1292	
SP6	4'		6.2@346X4= 1384	
SP7	Surf		2.8@79X4= 316	
SP7	1'		2.0@47X4= 188	
SP7	2'		1.8@41X4= 164	
SP7	3'		2.8@79X4= 316	
SP7	4'		2.8@79X4= 316	
SP8	Surf		15.6@1408X4= 5,632	
SP8	1'		1.8@424X4= 1,696	
SP8	2'		7.4@520X4= 2,008	
SP8	3'		7.8@600X4= 2,400	
SP8	4'		7.8@600X4= 2,400	
SP9	Surf		2.0@47X4= 188	
SP9	1'		1.8@41X4= 164	
SP9	2'		1.6@34X4= 136	
SP9	3'		1.4@28X4= 112	
SP9	4'		1.0 > 100	
SP10	Surf		1.8@41X4= 164	
SP10	1'		1.0 > 100	
SP10	2'		1.0 > 100	
SP10	3'		1.0 > 100	
SP10	4'		0.8 > 100	
SP11	Surf		1.6@34X4= 136	
SP11	1'		3.0@89X4= 356	
SP11	2'		2.6@71X4= 284	
SP11	3'		1.8@41X4= 164	
SP11	4'		1.4@28X4= 112	
SP12	Surf		2.6@71X4= 284	
SP12	1'		2.4@63X4= 252	
SP12	2'		1.8@41X4= 164	
SP12	3'		1.6@34X4= 136	
SP12	4'		1.2@ > 100	

Sample Point = SP1 @ ## etc

Horizontal = HZ1 etc

Test Trench = TT1 @ ##

Floor = FL1 etc

Refusal = SP1 @ 4'-R

Resamples= SP1b @ 5' or SW #1b

Sidewall = SW1 etc

GPS Sample Points, Center of Comp Areas

Stockpile = Stockpile #1

Attachment VI

Laboratory Analytical Reports



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

August 16, 2023

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: NORTH RIDGE 8040 FED COM #2

Enclosed are the results of analyses for samples received by the laboratory on 08/10/23 10:00.

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". The signature is written in a cursive, flowing 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: HZ 1 - SURF (H234287-01)

BTX 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	08/14/2023	ND	2.03	101	2.00	2.08	
Toluene*	<0.050	0.050	08/14/2023	ND	1.91	95.7	2.00	1.13	
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.92	96.2	2.00	1.32	
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.66	94.3	6.00	1.80	
Total BTX	<0.300	0.300	08/14/2023	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	80.0	16.0	08/13/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	1.33	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	178	89.1	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/10/2023
 Reported: 08/16/2023
 Project Name: NORTH RIDGE 8040 FED COM #2
 Project Number: NOT GIVEN
 Project Location: BTA UL/ C SEC 35 T22S - R34E

Sampling Date: 08/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 1 - 1' (H234287-02)

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	08/14/2023	ND	2.03	101	2.00	2.08		
Toluene*	<0.050	0.050	08/14/2023	ND	1.91	95.7	2.00	1.13		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.92	96.2	2.00	1.32		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.66	94.3	6.00	1.80		
Total BTEX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	48.0	16.0	08/13/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	1.33	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	178	89.1	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/10/2023
 Reported: 08/16/2023
 Project Name: NORTH RIDGE 8040 FED COM #2
 Project Number: NOT GIVEN
 Project Location: BTA UL/ C SEC 35 T22S - R34E

Sampling Date: 08/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 2 - SURF (H234287-03)

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	08/14/2023	ND	2.03	101	2.00	2.08		
Toluene*	<0.050	0.050	08/14/2023	ND	1.91	95.7	2.00	1.13		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.92	96.2	2.00	1.32		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.66	94.3	6.00	1.80		
Total BTEX	<0.300	0.300	08/14/2023	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	08/13/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	1.33	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	178	89.1	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 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: 08/10/2023
 Reported: 08/16/2023
 Project Name: NORTH RIDGE 8040 FED COM #2
 Project Number: NOT GIVEN
 Project Location: BTA UL/ C SEC 35 T22S - R34E

Sampling Date: 08/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 2 - 1' (H234287-04)

BTX 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	08/14/2023	ND	2.03	101	2.00	2.08	
Toluene*	<0.050	0.050	08/14/2023	ND	1.91	95.7	2.00	1.13	
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.92	96.2	2.00	1.32	
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.66	94.3	6.00	1.80	
Total BTX	<0.300	0.300	08/14/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/13/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	1.33	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	178	89.1	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 104 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: HZ 3 - SURF (H234287-05)

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	08/14/2023	ND	2.03	101	2.00	2.08		
Toluene*	<0.050	0.050	08/14/2023	ND	1.91	95.7	2.00	1.13		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.92	96.2	2.00	1.32		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.66	94.3	6.00	1.80		
Total BTEX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	96.0	16.0	08/13/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	1.33	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	178	89.1	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 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: 08/10/2023
 Reported: 08/16/2023
 Project Name: NORTH RIDGE 8040 FED COM #2
 Project Number: NOT GIVEN
 Project Location: BTA UL/ C SEC 35 T22S - R34E

Sampling Date: 08/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 3 - 1' (H234287-06)

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	08/14/2023	ND	2.03	101	2.00	2.08		
Toluene*	<0.050	0.050	08/14/2023	ND	1.91	95.7	2.00	1.13		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.92	96.2	2.00	1.32		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.66	94.3	6.00	1.80		
Total BTEX	<0.300	0.300	08/14/2023	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	192	16.0	08/13/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	1.33	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	178	89.1	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 1 - SURF (H234287-07)

BTX 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	08/14/2023	ND	2.03	101	2.00	2.08		
Toluene*	<0.050	0.050	08/14/2023	ND	1.91	95.7	2.00	1.13		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.92	96.2	2.00	1.32		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.66	94.3	6.00	1.80		
Total BTX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	928	16.0	08/13/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	1.33	
DRO >C10-C28*	53.4	10.0	08/11/2023	ND	178	89.1	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 1 - 1' (H234287-08)

BTEx 8021B		mg/kg	Analyzed By: JH/					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2023	ND	2.03	101	2.00	2.08	
Toluene*	0.080	0.050	08/14/2023	ND	1.91	95.7	2.00	1.13	
Ethylbenzene*	1.04	0.050	08/14/2023	ND	1.92	96.2	2.00	1.32	
Total Xylenes*	4.48	0.150	08/14/2023	ND	5.66	94.3	6.00	1.80	
Total BTEX	5.60	0.300	08/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 158 % 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	1410	16.0	08/13/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	420	10.0	08/11/2023	ND	164	82.1	200	1.33	
DRO >C10-C28*	6410	10.0	08/11/2023	ND	178	89.1	200	2.37	
EXT DRO >C28-C36	1130	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 183 % 48.2-134

Surrogate: 1-Chlorooctadecane 192 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 1 - 2' (H234287-09)

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	08/14/2023	ND	2.03	101	2.00	2.08	
Toluene*	0.096	0.050	08/14/2023	ND	1.91	95.7	2.00	1.13	
Ethylbenzene*	0.364	0.050	08/14/2023	ND	1.92	96.2	2.00	1.32	
Total Xylenes*	3.95	0.150	08/14/2023	ND	5.66	94.3	6.00	1.80	
Total BTEX	4.41	0.300	08/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 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	2040	16.0	08/13/2023	ND	400	100	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*	445	10.0	08/11/2023	ND	164	82.1	200	1.33	
DRO >C10-C28*	6830	10.0	08/11/2023	ND	178	89.1	200	2.37	
EXT DRO >C28-C36	1260	10.0	08/11/2023	ND					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	445	10.0	08/11/2023	ND	164	82.1	200	1.33	
DRO >C10-C28*	6830	10.0	08/11/2023	ND	178	89.1	200	2.37	
EXT DRO >C28-C36	1260	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 165 % 48.2-134

Surrogate: 1-Chlorooctadecane 153 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 1 - 3' (H234287-10)

BTEx 8021B		mg/kg		Analyzed By: JH/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2023	ND	2.03	101	2.00	2.08	
Toluene*	0.158	0.050	08/14/2023	ND	1.91	95.7	2.00	1.13	
Ethylbenzene*	1.21	0.050	08/14/2023	ND	1.92	96.2	2.00	1.32	
Total Xylenes*	5.00	0.150	08/14/2023	ND	5.66	94.3	6.00	1.80	
Total BTEX	6.38	0.300	08/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 156 % 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	08/13/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	494	10.0	08/11/2023	ND	164	82.1	200	1.33	
DRO >C10-C28*	7140	10.0	08/11/2023	ND	178	89.1	200	2.37	
EXT DRO >C28-C36	1330	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 189 % 48.2-134

Surrogate: 1-Chlorooctadecane 155 % 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: 08/10/2023
 Reported: 08/16/2023
 Project Name: NORTH RIDGE 8040 FED COM #2
 Project Number: NOT GIVEN
 Project Location: BTA UL/ C SEC 35 T22S - R34E

Sampling Date: 08/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 - 4' (H234287-11)

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	08/14/2023	ND	2.03	101	2.00	2.08		
Toluene*	<0.050	0.050	08/14/2023	ND	1.91	95.7	2.00	1.13		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.92	96.2	2.00	1.32		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.66	94.3	6.00	1.80		
Total BTEX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	1600	16.0	08/13/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	1.33	
DRO >C10-C28*	397	10.0	08/11/2023	ND	178	89.1	200	2.37	
EXT DRO >C28-C36	87.8	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 107 % 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: 08/10/2023
 Reported: 08/16/2023
 Project Name: NORTH RIDGE 8040 FED COM #2
 Project Number: NOT GIVEN
 Project Location: BTA UL/ C SEC 35 T22S - R34E

Sampling Date: 08/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 2 - SURF (H234287-12)

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	08/14/2023	ND	2.03	101	2.00	2.08		
Toluene*	<0.050	0.050	08/14/2023	ND	1.91	95.7	2.00	1.13		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.92	96.2	2.00	1.32		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.66	94.3	6.00	1.80		
Total BTEX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	08/13/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	1.33	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	178	89.1	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 2 - 1' (H234287-13)

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	08/14/2023	ND	2.03	101	2.00	2.08		
Toluene*	<0.050	0.050	08/14/2023	ND	1.91	95.7	2.00	1.13		
Ethylbenzene*	0.104	0.050	08/14/2023	ND	1.92	96.2	2.00	1.32		
Total Xylenes*	1.37	0.150	08/14/2023	ND	5.66	94.3	6.00	1.80		
Total BTEX	1.47	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 134 % 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	08/13/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	259	10.0	08/11/2023	ND	164	82.1	200	1.33	
DRO >C10-C28*	9950	10.0	08/11/2023	ND	178	89.1	200	2.37	
EXT DRO >C28-C36	1850	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 157 % 48.2-134

Surrogate: 1-Chlorooctadecane 186 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 2 - 2' (H234287-14)

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	08/14/2023	ND	2.03	101	2.00	2.08		
Toluene*	<0.050	0.050	08/14/2023	ND	1.91	95.7	2.00	1.13		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.92	96.2	2.00	1.32		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.66	94.3	6.00	1.80		
Total BTEX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	496	16.0	08/13/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	14.2	10.0	08/11/2023	ND	164	82.1	200	1.33	
DRO >C10-C28*	4120	10.0	08/11/2023	ND	178	89.1	200	2.37	
EXT DRO >C28-C36	1130	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 250 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 2 - 3' (H234287-15)

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	08/14/2023	ND	2.03	101	2.00	2.08		
Toluene*	<0.050	0.050	08/14/2023	ND	1.91	95.7	2.00	1.13		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.92	96.2	2.00	1.32		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.66	94.3	6.00	1.80		
Total BTEX	<0.300	0.300	08/14/2023	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	368	16.0	08/13/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	1.33	
DRO >C10-C28*	131	10.0	08/11/2023	ND	178	89.1	200	2.37	
EXT DRO >C28-C36	19.3	10.0	08/11/2023	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



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Analytical Results For:

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

Received:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 2 - 4' (H234287-16)

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	08/14/2023	ND	2.03	101	2.00	2.08		
Toluene*	<0.050	0.050	08/14/2023	ND	1.91	95.7	2.00	1.13		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.92	96.2	2.00	1.32		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.66	94.3	6.00	1.80		
Total BTEX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	288	16.0	08/13/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	1.33	
DRO >C10-C28*	38.3	10.0	08/11/2023	ND	178	89.1	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 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: 08/10/2023
 Reported: 08/16/2023
 Project Name: NORTH RIDGE 8040 FED COM #2
 Project Number: NOT GIVEN
 Project Location: BTA UL/ C SEC 35 T22S - R34E

Sampling Date: 08/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 3 - SURF (H234287-17)

BTX 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	08/14/2023	ND	2.09	104	2.00	4.96		
Toluene*	<0.050	0.050	08/14/2023	ND	1.96	97.9	2.00	4.32		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.90	95.2	2.00	4.53		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.54	92.4	6.00	4.86		
Total BTX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	1490	16.0	08/13/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	1.33	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	178	89.1	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 3 - 1' (H234287-18)

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	08/14/2023	ND	2.09	104	2.00	4.96		
Toluene*	<0.050	0.050	08/14/2023	ND	1.96	97.9	2.00	4.32		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.90	95.2	2.00	4.53		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.54	92.4	6.00	4.86		
Total BTEX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	1470	16.0	08/13/2023	ND	416	104	400	3.77	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	1.33	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	178	89.1	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 3 - 2' (H234287-19)

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	08/14/2023	ND	2.09	104	2.00	4.96		
Toluene*	<0.050	0.050	08/14/2023	ND	1.96	97.9	2.00	4.32		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.90	95.2	2.00	4.53		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.54	92.4	6.00	4.86		
Total BTEX	<0.300	0.300	08/14/2023	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	3040	16.0	08/13/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	1.33	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	178	89.1	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 99.3 % 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: 08/10/2023
 Reported: 08/16/2023
 Project Name: NORTH RIDGE 8040 FED COM #2
 Project Number: NOT GIVEN
 Project Location: BTA UL/ C SEC 35 T22S - R34E

Sampling Date: 08/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 3 - 3' (H234287-20)

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	08/14/2023	ND	2.09	104	2.00	4.96		
Toluene*	<0.050	0.050	08/14/2023	ND	1.96	97.9	2.00	4.32		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.90	95.2	2.00	4.53		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.54	92.4	6.00	4.86		
Total BTEX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	2360	16.0	08/13/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	1.33	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	178	89.1	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 105 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 3 - 4' (H234287-21)

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	08/14/2023	ND	2.09	104	2.00	4.96		
Toluene*	<0.050	0.050	08/14/2023	ND	1.96	97.9	2.00	4.32		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.90	95.2	2.00	4.53		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.54	92.4	6.00	4.86		
Total BTEX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	4080	16.0	08/13/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	161	80.3	200	7.70	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	157	78.4	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 4 - SURF (H234287-22)

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	08/14/2023	ND	2.09	104	2.00	4.96		
Toluene*	<0.050	0.050	08/14/2023	ND	1.96	97.9	2.00	4.32		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.90	95.2	2.00	4.53		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.54	92.4	6.00	4.86		
Total BTEx	<0.300	0.300	08/14/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/13/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	161	80.3	200	7.70	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	157	78.4	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 4 - 1' (H234287-23)

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	08/14/2023	ND	2.09	104	2.00	4.96		
Toluene*	<0.050	0.050	08/14/2023	ND	1.96	97.9	2.00	4.32		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.90	95.2	2.00	4.53		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.54	92.4	6.00	4.86		
Total BTEX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	144	16.0	08/13/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	161	80.3	200	7.70	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	157	78.4	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 4 - 2' (H234287-24)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/14/2023	ND	2.09	104	2.00	4.96		
Toluene*	<0.050	0.050	08/14/2023	ND	1.96	97.9	2.00	4.32		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.90	95.2	2.00	4.53		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.54	92.4	6.00	4.86		
Total BTEX	<0.300	0.300	08/14/2023	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	160	16.0	08/13/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	161	80.3	200	7.70	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	157	78.4	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 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: 08/10/2023
 Reported: 08/16/2023
 Project Name: NORTH RIDGE 8040 FED COM #2
 Project Number: NOT GIVEN
 Project Location: BTA UL/ C SEC 35 T22S - R34E

Sampling Date: 08/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 4 - 3' (H234287-25)

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	08/14/2023	ND	2.09	104	2.00	4.96	
Toluene*	<0.050	0.050	08/14/2023	ND	1.96	97.9	2.00	4.32	
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.90	95.2	2.00	4.53	
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.54	92.4	6.00	4.86	
Total BTEX	<0.300	0.300	08/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	48.0	16.0	08/13/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	161	80.3	200	7.70	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	157	78.4	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/10/2023
 Reported: 08/16/2023
 Project Name: NORTH RIDGE 8040 FED COM #2
 Project Number: NOT GIVEN
 Project Location: BTA UL/ C SEC 35 T22S - R34E

Sampling Date: 08/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 4 - 4' (H234287-26)

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	08/14/2023	ND	2.09	104	2.00	4.96		
Toluene*	<0.050	0.050	08/14/2023	ND	1.96	97.9	2.00	4.32		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.90	95.2	2.00	4.53		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.54	92.4	6.00	4.86		
Total BTEX	<0.300	0.300	08/14/2023	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	80.0	16.0	08/13/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	161	80.3	200	7.70	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	157	78.4	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 5 - SURF (H234287-27)

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	08/14/2023	ND	2.09	104	2.00	4.96		
Toluene*	<0.050	0.050	08/14/2023	ND	1.96	97.9	2.00	4.32		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.90	95.2	2.00	4.53		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.54	92.4	6.00	4.86		
Total BTEX	<0.300	0.300	08/14/2023	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	8660	16.0	08/13/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	161	80.3	200	7.70	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	157	78.4	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 5 - 1' (H234287-28)

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	08/14/2023	ND	2.09	104	2.00	4.96		
Toluene*	<0.050	0.050	08/14/2023	ND	1.96	97.9	2.00	4.32		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.90	95.2	2.00	4.53		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.54	92.4	6.00	4.86		
Total BTEX	<0.300	0.300	08/14/2023	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	1800	16.0	08/13/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	161	80.3	200	7.70	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	157	78.4	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 5 - 2' (H234287-29)

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	08/14/2023	ND	2.09	104	2.00	4.96		
Toluene*	<0.050	0.050	08/14/2023	ND	1.96	97.9	2.00	4.32		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.90	95.2	2.00	4.53		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.54	92.4	6.00	4.86		
Total BTEX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	1680	16.0	08/13/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	161	80.3	200	7.70	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	157	78.4	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 5 - 3' (H234287-30)

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	08/14/2023	ND	2.09	104	2.00	4.96		
Toluene*	<0.050	0.050	08/14/2023	ND	1.96	97.9	2.00	4.32		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.90	95.2	2.00	4.53		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.54	92.4	6.00	4.86		
Total BTEX	<0.300	0.300	08/14/2023	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	2080	16.0	08/13/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	161	80.3	200	7.70	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	157	78.4	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 5 - 4' (H234287-31)

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	08/14/2023	ND	2.09	104	2.00	4.96		
Toluene*	<0.050	0.050	08/14/2023	ND	1.96	97.9	2.00	4.32		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.90	95.2	2.00	4.53		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.54	92.4	6.00	4.86		
Total BTEx	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	3040	16.0	08/13/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	161	80.3	200	7.70	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	157	78.4	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 6 - SURF (H234287-32)

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	08/14/2023	ND	2.09	104	2.00	4.96		
Toluene*	<0.050	0.050	08/14/2023	ND	1.96	97.9	2.00	4.32		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.90	95.2	2.00	4.53		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.54	92.4	6.00	4.86		
Total BTEx	<0.300	0.300	08/14/2023	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	656	16.0	08/13/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	161	80.3	200	7.70	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	157	78.4	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 74.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.9 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 6 - 1' (H234287-33)

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	08/14/2023	ND	2.09	104	2.00	4.96		
Toluene*	<0.050	0.050	08/14/2023	ND	1.96	97.9	2.00	4.32		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.90	95.2	2.00	4.53		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.54	92.4	6.00	4.86		
Total BTEX	<0.300	0.300	08/14/2023	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	864	16.0	08/13/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	161	80.3	200	7.70	
DRO >C10-C28*	43.6	10.0	08/11/2023	ND	157	78.4	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 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: 08/10/2023
 Reported: 08/16/2023
 Project Name: NORTH RIDGE 8040 FED COM #2
 Project Number: NOT GIVEN
 Project Location: BTA UL/ C SEC 35 T22S - R34E

Sampling Date: 08/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 6 - 2' (H234287-34)

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	08/14/2023	ND	2.09	104	2.00	4.96		
Toluene*	<0.050	0.050	08/14/2023	ND	1.96	97.9	2.00	4.32		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.90	95.2	2.00	4.53		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.54	92.4	6.00	4.86		
Total BTEX	<0.300	0.300	08/14/2023	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	1300	16.0	08/13/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	161	80.3	200	7.70	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	157	78.4	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 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: 08/10/2023
 Reported: 08/16/2023
 Project Name: NORTH RIDGE 8040 FED COM #2
 Project Number: NOT GIVEN
 Project Location: BTA UL/ C SEC 35 T22S - R34E

Sampling Date: 08/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 6 - 3' (H234287-35)

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	08/14/2023	ND	2.09	104	2.00	4.96		
Toluene*	<0.050	0.050	08/14/2023	ND	1.96	97.9	2.00	4.32		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.90	95.2	2.00	4.53		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.54	92.4	6.00	4.86		
Total BTEX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	1520	16.0	08/13/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	161	80.3	200	7.70	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	157	78.4	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 6 - 4' (H234287-36)

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	08/14/2023	ND	2.09	104	2.00	4.96		
Toluene*	<0.050	0.050	08/14/2023	ND	1.96	97.9	2.00	4.32		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.90	95.2	2.00	4.53		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	5.54	92.4	6.00	4.86		
Total BTEX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	1410	16.0	08/13/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	161	80.3	200	7.70	
DRO >C10-C28*	10.9	10.0	08/11/2023	ND	157	78.4	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 7 - SURF (H234287-37)

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	08/14/2023	ND	2.15	108	2.00	0.115		
Toluene*	<0.050	0.050	08/14/2023	ND	2.22	111	2.00	0.238		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.18	109	2.00	0.847		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.74	112	6.00	1.01		
Total BTEX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	160	16.0	08/13/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	21.2	10.0	08/11/2023	ND	161	80.3	200	7.70	
DRO >C10-C28*	8470	10.0	08/11/2023	ND	157	78.4	200	10.3	
EXT DRO >C28-C36	1820	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 492 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 7 - 1' (H234287-38)

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	08/14/2023	ND	2.15	108	2.00	0.115		
Toluene*	<0.050	0.050	08/14/2023	ND	2.22	111	2.00	0.238		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.18	109	2.00	0.847		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.74	112	6.00	1.01		
Total BTEX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.2 % 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	48.0	16.0	08/13/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	161	80.3	200	7.70	
DRO >C10-C28*	26.8	10.0	08/11/2023	ND	157	78.4	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 76.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.6 % 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: 08/10/2023
 Reported: 08/16/2023
 Project Name: NORTH RIDGE 8040 FED COM #2
 Project Number: NOT GIVEN
 Project Location: BTA UL/ C SEC 35 T22S - R34E

Sampling Date: 08/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 7 - 2' (H234287-39)

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	08/14/2023	ND	2.15	108	2.00	0.115		
Toluene*	<0.050	0.050	08/14/2023	ND	2.22	111	2.00	0.238		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.18	109	2.00	0.847		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.74	112	6.00	1.01		
Total BTEX	<0.300	0.300	08/14/2023	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	48.0	16.0	08/13/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	161	80.3	200	7.70	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	157	78.4	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 7 - 3' (H234287-40)

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	08/14/2023	ND	2.15	108	2.00	0.115		
Toluene*	<0.050	0.050	08/14/2023	ND	2.22	111	2.00	0.238		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.18	109	2.00	0.847		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.74	112	6.00	1.01		
Total BTEX	<0.300	0.300	08/14/2023	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	64.0	16.0	08/13/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	161	80.3	200	7.70	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	157	78.4	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 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: 08/10/2023
 Reported: 08/16/2023
 Project Name: NORTH RIDGE 8040 FED COM #2
 Project Number: NOT GIVEN
 Project Location: BTA UL/ C SEC 35 T22S - R34E

Sampling Date: 08/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 7 - 4' (H234287-41)

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	08/14/2023	ND	2.15	108	2.00	0.115		
Toluene*	<0.050	0.050	08/14/2023	ND	2.22	111	2.00	0.238		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.18	109	2.00	0.847		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.74	112	6.00	1.01		
Total BTEX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	08/13/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	156	78.1	200	0.654	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	161	80.5	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 8 - SURF (H234287-42)

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	08/14/2023	ND	2.15	108	2.00	0.115		
Toluene*	<0.050	0.050	08/14/2023	ND	2.22	111	2.00	0.238		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.18	109	2.00	0.847		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.74	112	6.00	1.01		
Total BTEX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.1 % 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	5920	16.0	08/13/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	156	78.1	200	0.654	
DRO >C10-C28*	29.7	10.0	08/11/2023	ND	161	80.5	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 8 - 1' (H234287-43)

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	08/14/2023	ND	2.15	108	2.00	0.115		
Toluene*	<0.050	0.050	08/14/2023	ND	2.22	111	2.00	0.238		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.18	109	2.00	0.847		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.74	112	6.00	1.01		
Total BTEX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	2880	16.0	08/13/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	156	78.1	200	0.654	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	161	80.5	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 100 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 8 - 2' (H234287-44)

BTX 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	08/14/2023	ND	2.15	108	2.00	0.115		
Toluene*	<0.050	0.050	08/14/2023	ND	2.22	111	2.00	0.238		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.18	109	2.00	0.847		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.74	112	6.00	1.01		
Total BTX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	2000	16.0	08/13/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	156	78.1	200	0.654	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	161	80.5	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 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: 08/10/2023
 Reported: 08/16/2023
 Project Name: NORTH RIDGE 8040 FED COM #2
 Project Number: NOT GIVEN
 Project Location: BTA UL/ C SEC 35 T22S - R34E

Sampling Date: 08/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 8 - 3' (H234287-45)

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	08/14/2023	ND	2.15	108	2.00	0.115		
Toluene*	<0.050	0.050	08/14/2023	ND	2.22	111	2.00	0.238		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.18	109	2.00	0.847		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.74	112	6.00	1.01		
Total BTEX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	08/13/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	156	78.1	200	0.654	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	161	80.5	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 103 % 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: 08/10/2023
 Reported: 08/16/2023
 Project Name: NORTH RIDGE 8040 FED COM #2
 Project Number: NOT GIVEN
 Project Location: BTA UL/ C SEC 35 T22S - R34E

Sampling Date: 08/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 8 - 4' (H234287-46)

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	08/14/2023	ND	2.15	108	2.00	0.115		
Toluene*	<0.050	0.050	08/14/2023	ND	2.22	111	2.00	0.238		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.18	109	2.00	0.847		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.74	112	6.00	1.01		
Total BTEx	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	2520	16.0	08/13/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	156	78.1	200	0.654	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	161	80.5	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 9 - SURF (H234287-47)

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	08/14/2023	ND	2.15	108	2.00	0.115		
Toluene*	<0.050	0.050	08/14/2023	ND	2.22	111	2.00	0.238		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.18	109	2.00	0.847		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.74	112	6.00	1.01		
Total BTEX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.3 % 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	48.0	16.0	08/13/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	156	78.1	200	0.654	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	161	80.5	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 9 - 1' (H234287-48)

BTX 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	08/14/2023	ND	2.15	108	2.00	0.115		
Toluene*	<0.050	0.050	08/14/2023	ND	2.22	111	2.00	0.238		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.18	109	2.00	0.847		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.74	112	6.00	1.01		
Total BTX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/13/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	156	78.1	200	0.654	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	161	80.5	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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: 08/10/2023
 Reported: 08/16/2023
 Project Name: NORTH RIDGE 8040 FED COM #2
 Project Number: NOT GIVEN
 Project Location: BTA UL/ C SEC 35 T22S - R34E

Sampling Date: 08/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 9 - 2' (H234287-49)

BTX 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	08/14/2023	ND	2.15	108	2.00	0.115		
Toluene*	<0.050	0.050	08/14/2023	ND	2.22	111	2.00	0.238		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.18	109	2.00	0.847		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.74	112	6.00	1.01		
Total BTX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 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	08/13/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	156	78.1	200	0.654	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	161	80.5	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 9 - 3' (H234287-50)

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	08/14/2023	ND	2.15	108	2.00	0.115		
Toluene*	<0.050	0.050	08/14/2023	ND	2.22	111	2.00	0.238		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.18	109	2.00	0.847		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.74	112	6.00	1.01		
Total BTEX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	08/13/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	156	78.1	200	0.654	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	161	80.5	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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: 08/10/2023
 Reported: 08/16/2023
 Project Name: NORTH RIDGE 8040 FED COM #2
 Project Number: NOT GIVEN
 Project Location: BTA UL/ C SEC 35 T22S - R34E

Sampling Date: 08/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 9 - 4' (H234287-51)

BTX 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	08/14/2023	ND	2.15	108	2.00	0.115		
Toluene*	<0.050	0.050	08/14/2023	ND	2.22	111	2.00	0.238		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.18	109	2.00	0.847		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.74	112	6.00	1.01		
Total BTX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	08/13/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	156	78.1	200	0.654	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	161	80.5	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 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: 08/10/2023
 Reported: 08/16/2023
 Project Name: NORTH RIDGE 8040 FED COM #2
 Project Number: NOT GIVEN
 Project Location: BTA UL/ C SEC 35 T22S - R34E

Sampling Date: 08/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 10 - SURF (H234287-52)

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	08/14/2023	ND	2.15	108	2.00	0.115		
Toluene*	<0.050	0.050	08/14/2023	ND	2.22	111	2.00	0.238		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.18	109	2.00	0.847		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.74	112	6.00	1.01		
Total BTEX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	08/13/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	156	78.1	200	0.654	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	161	80.5	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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: 08/10/2023
 Reported: 08/16/2023
 Project Name: NORTH RIDGE 8040 FED COM #2
 Project Number: NOT GIVEN
 Project Location: BTA UL/ C SEC 35 T22S - R34E

Sampling Date: 08/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 10 - 1' (H234287-53)

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	08/14/2023	ND	2.15	108	2.00	0.115		
Toluene*	<0.050	0.050	08/14/2023	ND	2.22	111	2.00	0.238		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.18	109	2.00	0.847		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.74	112	6.00	1.01		
Total BTEx	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	08/13/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	156	78.1	200	0.654	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	161	80.5	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 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: 08/10/2023
 Reported: 08/16/2023
 Project Name: NORTH RIDGE 8040 FED COM #2
 Project Number: NOT GIVEN
 Project Location: BTA UL/ C SEC 35 T22S - R34E

Sampling Date: 08/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 10 - 2' (H234287-54)

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	08/14/2023	ND	2.15	108	2.00	0.115		
Toluene*	<0.050	0.050	08/14/2023	ND	2.22	111	2.00	0.238		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.18	109	2.00	0.847		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.74	112	6.00	1.01		
Total BTEx	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	08/13/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	156	78.1	200	0.654	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	161	80.5	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 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: 08/10/2023
 Reported: 08/16/2023
 Project Name: NORTH RIDGE 8040 FED COM #2
 Project Number: NOT GIVEN
 Project Location: BTA UL/ C SEC 35 T22S - R34E

Sampling Date: 08/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 10 - 3' (H234287-55)

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	08/15/2023	ND	2.15	108	2.00	0.115	
Toluene*	<0.050	0.050	08/15/2023	ND	2.22	111	2.00	0.238	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.18	109	2.00	0.847	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.74	112	6.00	1.01	
Total BTEX	<0.300	0.300	08/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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	08/13/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	156	78.1	200	0.654	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	161	80.5	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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: 08/10/2023
 Reported: 08/16/2023
 Project Name: NORTH RIDGE 8040 FED COM #2
 Project Number: NOT GIVEN
 Project Location: BTA UL/ C SEC 35 T22S - R34E

Sampling Date: 08/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 10 - 4' (H234287-56)

BTX 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	08/15/2023	ND	2.15	108	2.00	0.115		
Toluene*	<0.050	0.050	08/15/2023	ND	2.22	111	2.00	0.238		
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.18	109	2.00	0.847		
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.74	112	6.00	1.01		
Total BTX	<0.300	0.300	08/15/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	08/13/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	156	78.1	200	0.654	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	161	80.5	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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: 08/10/2023
 Reported: 08/16/2023
 Project Name: NORTH RIDGE 8040 FED COM #2
 Project Number: NOT GIVEN
 Project Location: BTA UL/ C SEC 35 T22S - R34E

Sampling Date: 08/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 11 - SURF (H234287-57)

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	08/15/2023	ND	2.02	101	2.00	0.626		
Toluene*	<0.050	0.050	08/15/2023	ND	2.11	105	2.00	3.26		
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.10	105	2.00	4.67		
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.49	108	6.00	5.27		
Total BTEx	<0.300	0.300	08/15/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	08/13/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	156	78.1	200	0.654	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	161	80.5	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 11 - 1' (H234287-58)

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	08/15/2023	ND	2.02	101	2.00	0.626		
Toluene*	<0.050	0.050	08/15/2023	ND	2.11	105	2.00	3.26		
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.10	105	2.00	4.67		
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.49	108	6.00	5.27		
Total BTEx	<0.300	0.300	08/15/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	208	16.0	08/13/2023	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	08/14/2023	ND	176	87.8	200	1.25	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	185	92.6	200	0.0940	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/10/2023
 Reported: 08/16/2023
 Project Name: NORTH RIDGE 8040 FED COM #2
 Project Number: NOT GIVEN
 Project Location: BTA UL/ C SEC 35 T22S - R34E

Sampling Date: 08/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 11 - 2' (H234287-59)

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	08/15/2023	ND	2.02	101	2.00	0.626		
Toluene*	<0.050	0.050	08/15/2023	ND	2.11	105	2.00	3.26		
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.10	105	2.00	4.67		
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.49	108	6.00	5.27		
Total BTEx	<0.300	0.300	08/15/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	08/13/2023	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	08/14/2023	ND	176	87.8	200	1.25	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	185	92.6	200	0.0940	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.2 % 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: 08/10/2023
 Reported: 08/16/2023
 Project Name: NORTH RIDGE 8040 FED COM #2
 Project Number: NOT GIVEN
 Project Location: BTA UL/ C SEC 35 T22S - R34E

Sampling Date: 08/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 11 - 3' (H234287-60)

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	08/15/2023	ND	2.02	101	2.00	0.626		
Toluene*	<0.050	0.050	08/15/2023	ND	2.11	105	2.00	3.26		
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.10	105	2.00	4.67		
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.49	108	6.00	5.27		
Total BTEx	<0.300	0.300	08/15/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	08/13/2023	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	08/14/2023	ND	176	87.8	200	1.25	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	185	92.6	200	0.0940	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 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: 08/10/2023
 Reported: 08/16/2023
 Project Name: NORTH RIDGE 8040 FED COM #2
 Project Number: NOT GIVEN
 Project Location: BTA UL/ C SEC 35 T22S - R34E

Sampling Date: 08/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 11 - 4' (H234287-61)

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	08/15/2023	ND	2.02	101	2.00	0.626		
Toluene*	<0.050	0.050	08/15/2023	ND	2.11	105	2.00	3.26		
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.10	105	2.00	4.67		
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.49	108	6.00	5.27		
Total BTEx	<0.300	0.300	08/15/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	08/13/2023	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	08/14/2023	ND	176	87.8	200	1.25	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	185	92.6	200	0.0940	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 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: 08/10/2023
 Reported: 08/16/2023
 Project Name: NORTH RIDGE 8040 FED COM #2
 Project Number: NOT GIVEN
 Project Location: BTA UL/ C SEC 35 T22S - R34E

Sampling Date: 08/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 12 - SURF (H234287-62)

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	08/15/2023	ND	2.02	101	2.00	0.626		
Toluene*	<0.050	0.050	08/15/2023	ND	2.11	105	2.00	3.26		
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.10	105	2.00	4.67		
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.49	108	6.00	5.27		
Total BTEx	<0.300	0.300	08/15/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	08/13/2023	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	08/14/2023	ND	176	87.8	200	1.25	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	185	92.6	200	0.0940	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 12 - 1' (H234287-63)

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	08/15/2023	ND	2.02	101	2.00	0.626		
Toluene*	<0.050	0.050	08/15/2023	ND	2.11	105	2.00	3.26		
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.10	105	2.00	4.67		
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.49	108	6.00	5.27		
Total BTEx	<0.300	0.300	08/15/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	208	16.0	08/13/2023	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	08/14/2023	ND	176	87.8	200	1.25	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	185	92.6	200	0.0940	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 12 - 2' (H234287-64)

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	08/15/2023	ND	2.02	101	2.00	0.626		
Toluene*	<0.050	0.050	08/15/2023	ND	2.11	105	2.00	3.26		
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.10	105	2.00	4.67		
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.49	108	6.00	5.27		
Total BTEx	<0.300	0.300	08/15/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/13/2023	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	08/14/2023	ND	176	87.8	200	1.25	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	185	92.6	200	0.0940	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 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:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 12 - 3' (H234287-65)

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	08/15/2023	ND	2.02	101	2.00	0.626		
Toluene*	<0.050	0.050	08/15/2023	ND	2.11	105	2.00	3.26		
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.10	105	2.00	4.67		
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.49	108	6.00	5.27		
Total BTEx	<0.300	0.300	08/15/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	08/13/2023	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	08/14/2023	ND	176	87.8	200	1.25	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	185	92.6	200	0.0940	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.1 % 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
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	08/10/2023	Sampling Date:	08/09/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE 8040 FED COM #2	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 12 - 4' (H234287-66)

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	08/15/2023	ND	2.02	101	2.00	0.626		
Toluene*	<0.050	0.050	08/15/2023	ND	2.11	105	2.00	3.26		
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.10	105	2.00	4.67		
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.49	108	6.00	5.27		
Total BTEx	<0.300	0.300	08/15/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	08/13/2023	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	08/14/2023	ND	176	87.8	200	1.25	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	185	92.6	200	0.0940	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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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A handwritten signature in black ink, appearing to read "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

[illegible]



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO											
Project Manager: Daniel Dominguez		Company: BTA Oil Producers, LLC		ANALYSIS REQUEST											
Address: PO Box 1058		Attn: Kelton Beard													
City: Hobbs		Address: 104 S Pecos St													
Phone #: 575 393-3386		City: Midland													
Fax #:		State: TX													
Project #:		Zip: 79701													
Project Name: North Ridge 8040 Fed Com #2		State: NM													
Project Location: U/L C Sec 35 T2S - R34E		City: Midland													
Project Name: Jerry Heidelberg		Phone #: 432-312-2203													
Fax #:															
FOR LAB USE ONLY															
Lab I.D. Sample I.D.															
H1234567															
17 Sp3-Surf															
18 Sp3-1'															
19 Sp3-2'															
20 Sp3-3'															
21 Sp3-4'															
22 Sp4-Surf															
23 Sp4-1'															
24 Sp4-2'															
25 Sp4-3'															
26 Sp4-4'															
27 Sp4-4'															
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Relinquished By: [Signature]															
Date: 8/10/23															
Time: 10:00															
Relinquished By: [Signature]															
Date:															
Time:															
Delivered By: (Circle One)															
Sampler - UPS - Bus - Other: 3.30															
Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476															



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		BILL TO		ANALYSIS REQUEST																	
Project Manager: Daniel Dominguez		P.O. #:																			
Address: PO Box 1058		Company: BTA Oil Producers, LLC																			
City: Hobbs		Attn: Kelton Beaird																			
Phone #: 575 393-3386		Address: 104 S Pecos St.																			
Fax #:		City: Midland																			
Project #:		State: TX																			
Project Name: North Ridge 8040 Fed Com #2		Zip: 79701																			
Project Location: UL / C Sec 35 T22S - R34E		Phone #: 432-312-2203																			
Sampler Name: Jerry Heidelberg		Fax #:																			
FOR LAB USE ONLY																					
Lab I.D. Sample I.D. H234287	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS		MATRIX						PRESERV.		SAMPLING								
		GROUNDWATER																			
		WASTEWATER																			
		SOIL																			
		OIL																			
		SLUDGE																			
		OTHER :																			
		ACID/BASE:																			
		ICE / COOL																			
		OTHER :																			
		DATE	TIME																		
37 Sp7-Surf		G 1	X	8/9/23		Chloride															
38 Sp7-1'		G 1	X	8/9/23		TPH															
39 Sp7-2'		G 1	X	8/9/23		BTX 8021															
40 Sp7-3'		G 1	X	8/9/23																	
41 Sp7-4'		G 1	X	8/9/23																	
42 Sp8-Surf		G 1	X	8/9/23																	
43 Sp8-1'		G 1	X	8/9/23																	
44 Sp8-2'		G 1	X	8/9/23																	
45 Sp8-3'		G 1	X	8/9/23																	
46 Sp8-4'		G 1	X	8/9/23																	
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Relinquished By:		Date: 8/10/23		Received By:																	
Relinquished By:		Time: 10:00		Received By:																	
Delivered By: (Circle One)		Sample Condition:		CHECKED BY:																	
Sampler - UPS - Bus - Other: 3.32		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																	
REMARKS: 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

Company Name: Hungry Horse LLC		P.O. #:		BILL TO										ANALYSIS REQUEST																															
Project Manager: Daniel Dominguez		Company: BTA Oil Producers, LLC																																											
Address: PO Box 1058		City: Hobbs		State: NM		Zip: 88241		Attn: Kelton Beaird																																					
Phone #: 575 393-3386		Fax #:		Address: 104 S Pecos St.																																									
Project #:		Project Owner: BTA Oil Producers, LLC		City: Midland																																									
Project Name: North Ridge 8040 Fed Com #2		State: TX		Zip: 79701																																									
Project Location: U/L C Sec 35 T22S - R34E		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		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		Chloride		TPH		BTEX 8021											
H234287																																													
47		Sp9-Surf		G 1		X																						8/9/23				X		X											
48		Sp9-1'		G 1		X																						8/9/23				X		X											
49		Sp9-2'		G 1		X																						8/9/23				X		X											
50		Sp9-3'		G 1		X																						8/9/23				X		X											
51		Sp9-4'		G 1		X																						8/9/23				X		X											
52		Sp10-Surf		G 1		X																						8/9/23				X		X											
53		Sp10-1'		G 1		X																						8/9/23				X		X											
54		Sp10-2'		G 1		X																						8/9/23				X		X											
55		Sp10-3'		G 1		X																						8/9/23				X		X											
56		Sp10-4'		G 1		X																						8/9/23				X		X											
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Relinquished By: <i>[Signature]</i>		Date: 8/10/23		Received By: <i>[Signature]</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:																																					
Relinquished By: <i>[Signature]</i>		Time: 10:00		Received By: <i>[Signature]</i>		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: 3.3c		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>																																									
Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476																																													



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

Page 75 of 75



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

September 18, 2023

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: NORTH RIDGE WEST PRODUCTION FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 09/13/23 14:32.

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". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

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:	09/13/2023	Sampling Date:	09/12/2023
Reported:	09/18/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE WEST PRODUCTION FACI	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL/ C SEC 35 T22S - R34E		

Sample ID: SW 1 - 6" (H234947-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/15/2023	ND	1.81	90.6	2.00	2.77	
Toluene*	<0.050	0.050	09/15/2023	ND	1.89	94.7	2.00	2.71	
Ethylbenzene*	<0.050	0.050	09/15/2023	ND	1.95	97.3	2.00	1.97	
Total Xylenes*	<0.150	0.150	09/15/2023	ND	5.49	91.5	6.00	3.20	
Total BTEX	<0.300	0.300	09/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	09/14/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2023	ND	189	94.7	200	1.48	
DRO >C10-C28*	<10.0	10.0	09/14/2023	ND	218	109	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/14/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 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:	09/13/2023	Sampling Date:	09/12/2023
Reported:	09/18/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE WEST PRODUCTION FACI	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL/ C SEC 35 T22S - R34E		

Sample ID: SW 2 - 6" (H234947-02)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/15/2023	ND	1.81	90.6	2.00	2.77		
Toluene*	<0.050	0.050	09/15/2023	ND	1.89	94.7	2.00	2.71		
Ethylbenzene*	<0.050	0.050	09/15/2023	ND	1.95	97.3	2.00	1.97		
Total Xylenes*	<0.150	0.150	09/15/2023	ND	5.49	91.5	6.00	3.20		
Total BTEX	<0.300	0.300	09/15/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/14/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2023	ND	189	94.7	200	1.48	
DRO >C10-C28*	<10.0	10.0	09/14/2023	ND	218	109	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/14/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 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:	09/13/2023	Sampling Date:	09/12/2023
Reported:	09/18/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE WEST PRODUCTION FACI	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL/ C SEC 35 T22S - R34E		

Sample ID: SW 3 - 1' (H234947-03)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/15/2023	ND	1.81	90.6	2.00	2.77		
Toluene*	<0.050	0.050	09/15/2023	ND	1.89	94.7	2.00	2.71		
Ethylbenzene*	<0.050	0.050	09/15/2023	ND	1.95	97.3	2.00	1.97		
Total Xylenes*	<0.150	0.150	09/15/2023	ND	5.49	91.5	6.00	3.20		
Total BTEX	<0.300	0.300	09/15/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/14/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2023	ND	189	94.7	200	1.48	
DRO >C10-C28*	<10.0	10.0	09/14/2023	ND	218	109	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/14/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 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:	09/13/2023	Sampling Date:	09/12/2023
Reported:	09/18/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE WEST PRODUCTION FACI	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL/ C SEC 35 T22S - R34E		

Sample ID: SW 4 - 1' (H234947-04)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/15/2023	ND	1.81	90.6	2.00	2.77		
Toluene*	<0.050	0.050	09/15/2023	ND	1.89	94.7	2.00	2.71		
Ethylbenzene*	<0.050	0.050	09/15/2023	ND	1.95	97.3	2.00	1.97		
Total Xylenes*	<0.150	0.150	09/15/2023	ND	5.49	91.5	6.00	3.20		
Total BTEX	<0.300	0.300	09/15/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/14/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2023	ND	189	94.7	200	1.48	
DRO >C10-C28*	<10.0	10.0	09/14/2023	ND	218	109	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/14/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 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:	09/13/2023	Sampling Date:	09/12/2023
Reported:	09/18/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE WEST PRODUCTION FACI	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL/ C SEC 35 T22S - R34E		

Sample ID: SW 5 - 1' (H234947-05)

BTX 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	09/14/2023	ND	1.92	95.8	2.00	1.49		
Toluene*	<0.050	0.050	09/14/2023	ND	1.92	95.9	2.00	5.59		
Ethylbenzene*	<0.050	0.050	09/14/2023	ND	2.04	102	2.00	0.508		
Total Xylenes*	<0.150	0.150	09/14/2023	ND	6.08	101	6.00	1.46		
Total BTX	<0.300	0.300	09/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	09/14/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2023	ND	189	94.7	200	1.48	
DRO >C10-C28*	<10.0	10.0	09/14/2023	ND	218	109	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/14/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 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:	09/13/2023	Sampling Date:	09/12/2023
Reported:	09/18/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE WEST PRODUCTION FACI	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL/ C SEC 35 T22S - R34E		

Sample ID: SW 6 - 1' (H234947-06)

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	09/14/2023	ND	1.92	95.8	2.00	1.49	
Toluene*	<0.050	0.050	09/14/2023	ND	1.92	95.9	2.00	5.59	
Ethylbenzene*	<0.050	0.050	09/14/2023	ND	2.04	102	2.00	0.508	
Total Xylenes*	<0.150	0.150	09/14/2023	ND	6.08	101	6.00	1.46	
Total BTEX	<0.300	0.300	09/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	09/14/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2023	ND	189	94.7	200	1.48	
DRO >C10-C28*	<10.0	10.0	09/14/2023	ND	218	109	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/14/2023	ND					

Surrogate: 1-Chlorooctane 103 % 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:	09/13/2023	Sampling Date:	09/12/2023
Reported:	09/18/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE WEST PRODUCTION FACI	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL/ C SEC 35 T22S - R34E		

Sample ID: SW 7 - 1'6" (H234947-07)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2023	ND	1.95	97.4	2.00	3.05		
Toluene*	<0.050	0.050	09/14/2023	ND	1.98	98.8	2.00	2.82		
Ethylbenzene*	<0.050	0.050	09/14/2023	ND	1.91	95.5	2.00	4.08		
Total Xylenes*	<0.150	0.150	09/14/2023	ND	5.71	95.2	6.00	4.84		
Total BTEX	<0.300	0.300	09/14/2023	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	32.0	16.0	09/14/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2023	ND	189	94.7	200	1.48	
DRO >C10-C28*	<10.0	10.0	09/14/2023	ND	218	109	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/14/2023	ND					

Surrogate: 1-Chlorooctane 101 % 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:	09/13/2023	Sampling Date:	09/12/2023
Reported:	09/18/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE WEST PRODUCTION FACI	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL/ C SEC 35 T22S - R34E		

Sample ID: SW 8 - 1'6" (H234947-08)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2023	ND	1.95	97.4	2.00	3.05		
Toluene*	<0.050	0.050	09/14/2023	ND	1.98	98.8	2.00	2.82		
Ethylbenzene*	<0.050	0.050	09/14/2023	ND	1.91	95.5	2.00	4.08		
Total Xylenes*	<0.150	0.150	09/14/2023	ND	5.71	95.2	6.00	4.84		
Total BTEx	<0.300	0.300	09/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	09/14/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2023	ND	189	94.7	200	1.48	
DRO >C10-C28*	<10.0	10.0	09/14/2023	ND	218	109	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/14/2023	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 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:	09/13/2023	Sampling Date:	09/12/2023
Reported:	09/18/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE WEST PRODUCTION FACI	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL/ C SEC 35 T22S - R34E		

Sample ID: FL 1 - 1' (H234947-09)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2023	ND	1.95	97.4	2.00	3.05		
Toluene*	<0.050	0.050	09/14/2023	ND	1.98	98.8	2.00	2.82		
Ethylbenzene*	<0.050	0.050	09/14/2023	ND	1.91	95.5	2.00	4.08		
Total Xylenes*	<0.150	0.150	09/14/2023	ND	5.71	95.2	6.00	4.84		
Total BTEX	<0.300	0.300	09/14/2023	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	16.0	16.0	09/14/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2023	ND	189	94.7	200	1.48	
DRO >C10-C28*	<10.0	10.0	09/14/2023	ND	218	109	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/14/2023	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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:	09/13/2023	Sampling Date:	09/12/2023
Reported:	09/18/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE WEST PRODUCTION FACI	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL/ C SEC 35 T22S - R34E		

Sample ID: FL 2 - 2' (H234947-10)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2023	ND	1.95	97.4	2.00	3.05		
Toluene*	<0.050	0.050	09/14/2023	ND	1.98	98.8	2.00	2.82		
Ethylbenzene*	<0.050	0.050	09/14/2023	ND	1.91	95.5	2.00	4.08		
Total Xylenes*	<0.150	0.150	09/14/2023	ND	5.71	95.2	6.00	4.84		
Total BTEX	<0.300	0.300	09/14/2023	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	32.0	16.0	09/14/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2023	ND	189	94.7	200	1.48	
DRO >C10-C28*	<10.0	10.0	09/14/2023	ND	218	109	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/14/2023	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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:	09/13/2023	Sampling Date:	09/12/2023
Reported:	09/18/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE WEST PRODUCTION FACI	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL/ C SEC 35 T22S - R34E		

Sample ID: FL 3 - 2' (H234947-11)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2023	ND	1.95	97.4	2.00	3.05		
Toluene*	<0.050	0.050	09/14/2023	ND	1.98	98.8	2.00	2.82		
Ethylbenzene*	<0.050	0.050	09/14/2023	ND	1.91	95.5	2.00	4.08		
Total Xylenes*	<0.150	0.150	09/14/2023	ND	5.71	95.2	6.00	4.84		
Total BTEX	<0.300	0.300	09/14/2023	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	16.0	16.0	09/14/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2023	ND	189	94.7	200	1.48	
DRO >C10-C28*	<10.0	10.0	09/14/2023	ND	218	109	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/14/2023	ND					

Surrogate: 1-Chlorooctane 107 % 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:	09/13/2023	Sampling Date:	09/12/2023
Reported:	09/18/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE WEST PRODUCTION FACI	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL/ C SEC 35 T22S - R34E		

Sample ID: FL 4 - 3' (H234947-12)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2023	ND	1.95	97.4	2.00	3.05		
Toluene*	<0.050	0.050	09/14/2023	ND	1.98	98.8	2.00	2.82		
Ethylbenzene*	<0.050	0.050	09/14/2023	ND	1.91	95.5	2.00	4.08		
Total Xylenes*	<0.150	0.150	09/14/2023	ND	5.71	95.2	6.00	4.84		
Total BTEX	<0.300	0.300	09/14/2023	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	09/14/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2023	ND	189	94.7	200	1.48	
DRO >C10-C28*	<10.0	10.0	09/14/2023	ND	218	109	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	09/14/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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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A handwritten signature in black ink, appearing to read "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

[illegible]



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

[illegible]



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

September 26, 2023

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: NORTH RIDGE WEST PRODUCTION FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 09/20/23 13:28.

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:	09/20/2023	Sampling Date:	09/19/2023
Reported:	09/26/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE WEST PRODUCTION FACI	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 1 - 6' (H235104-01)

BTEX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/21/2023	ND	2.04	102	2.00	3.23	
Toluene*	<0.050	0.050	09/21/2023	ND	2.16	108	2.00	3.04	
Ethylbenzene*	<0.050	0.050	09/21/2023	ND	2.37	119	2.00	2.93	
Total Xylenes*	<0.150	0.150	09/21/2023	ND	6.09	102	6.00	2.44	
Total BTEX	<0.300	0.300	09/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	09/21/2023	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	09/21/2023	ND	207	104	200	5.85	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	223	112	200	4.89	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 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:	09/20/2023	Sampling Date:	09/19/2023
Reported:	09/26/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE WEST PRODUCTION FACI	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 3 - 8' (H235104-02)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/21/2023	ND	2.04	102	2.00	3.23		
Toluene*	<0.050	0.050	09/21/2023	ND	2.16	108	2.00	3.04		
Ethylbenzene*	<0.050	0.050	09/21/2023	ND	2.37	119	2.00	2.93		
Total Xylenes*	<0.150	0.150	09/21/2023	ND	6.09	102	6.00	2.44		
Total BTEX	<0.300	0.300	09/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	09/21/2023	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	09/21/2023	ND	207	104	200	5.85	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	223	112	200	4.89	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 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:	09/20/2023	Sampling Date:	09/19/2023
Reported:	09/26/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE WEST PRODUCTION FACI	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 5 - 7' (H235104-03)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/21/2023	ND	2.04	102	2.00	3.23		
Toluene*	<0.050	0.050	09/21/2023	ND	2.16	108	2.00	3.04		
Ethylbenzene*	<0.050	0.050	09/21/2023	ND	2.37	119	2.00	2.93		
Total Xylenes*	<0.150	0.150	09/21/2023	ND	6.09	102	6.00	2.44		
Total BTEX	<0.300	0.300	09/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/21/2023	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	09/21/2023	ND	207	104	200	5.85	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	223	112	200	4.89	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/20/2023	Sampling Date:	09/19/2023
Reported:	09/26/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE WEST PRODUCTION FACI	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 6 - 5' (H235104-04)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/21/2023	ND	2.04	102	2.00	3.23		
Toluene*	<0.050	0.050	09/21/2023	ND	2.16	108	2.00	3.04		
Ethylbenzene*	<0.050	0.050	09/21/2023	ND	2.37	119	2.00	2.93		
Total Xylenes*	<0.150	0.150	09/21/2023	ND	6.09	102	6.00	2.44		
Total BTEX	<0.300	0.300	09/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	09/21/2023	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	09/21/2023	ND	207	104	200	5.85	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	223	112	200	4.89	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 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:	09/20/2023	Sampling Date:	09/19/2023
Reported:	09/26/2023	Sampling Type:	Soil
Project Name:	NORTH RIDGE WEST PRODUCTION FACI	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	BTA UL/ C SEC 35 T22S - R34E		

Sample ID: SP 8 - 6' (H235104-05)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/21/2023	ND	2.04	102	2.00	3.23		
Toluene*	<0.050	0.050	09/21/2023	ND	2.16	108	2.00	3.04		
Ethylbenzene*	<0.050	0.050	09/21/2023	ND	2.37	119	2.00	2.93		
Total Xylenes*	<0.150	0.150	09/21/2023	ND	6.09	102	6.00	2.44		
Total BTEx	<0.300	0.300	09/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	09/21/2023	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	09/21/2023	ND	207	104	200	5.85	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	223	112	200	4.89	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "C. D. Keene", is written over a horizontal line.

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

[illegible]

Attachment VII
NMOCD Form Initial C-141

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

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

Incident ID	nAPP2126633610
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: BTA Oil Producers, LLC	OGRID: 260297
Contact Name: Bob Hall	Contact Telephone: 432-682-3753
Contact email: bhall@btaoil.com	Incident # (assigned by OCD) nAPP2126633610
Contact mailing address: 104 S. Pecos St., Midland, TX 79701	

Location of Release Source

Latitude: **32.35254** Longitude: **-103.44388**
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: North Ridge West Production Facility	Site Type: Production Facility
Date Release Discovered: 9/22/2021	API# (if applicable) Nearest well: North Ridge 8040 Fed Com #002H API #30-025-46958

Unit Letter	Section	Township	Range	County
C	35	22S	34E	Lea

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

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 22 BBL	Volume Recovered (bbls) 20 BBL
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Equipment Failure – Dump Valve Piping Washed Out

Portion of fitting for dump valve washed out, releasing oil into the earthen containment surrounding the facility production equipment. The release was contained on the well pad. Recovered 20 BO from inside the containment.


Calculation of spill volume attached.

Incident ID	nAPP2126633610
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? 	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped.	
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: 	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: Bob Hall Title: Environmental Manager	
Signature: <u></u>	Date: 9/23/2021
email: bhall@btaoil.com Telephone: 432-682-3753	
<u>OCD Only</u>	
Received by: <u>Ramona Marcus</u>	Date: <u>9/23/2021</u>

NAPP2126633610

Location North Ridge West Facility
API #
Spill Date 9/22/2021

Spill Dimensions

ENTER - Length of Spill 41 feet
ENTER - Width of Spill 40 feet
ENTER - Saturation Depth of Spill 3 inches
ENTER - Porosity Factor 0.03 decimal

Oil Cut - Well Test / Vessel Throughput or Contents

Oil 99.9
Water 0.1
Calculated Oil Cut 0.999

Volume Recovered in Truck / Containment

ENTER - Recovered Oil 20 BBL
ENTER - Recovered Water BBL

Calculated Values

Release of Oil in Soil - Unrecovered 2 BBL
Release of Water in Soil - Unrecovered 0 BBL
Unrecovered Total Release 2 BBL

Calculated Values

Total Release of Oil 22 BBL
Total Release of Water 0 BBL
Total Release 22 BBL

Types of Soil	Porosity Factor
Gravel	0.25
Sand	0.20
Clay/silt/sand Mix	0.15
Clay	0.05
Caliche	0.03
Unknown	0.25

(Length X Width X Depth X 1 ft/12 in) X Porosity
5.615 ft³ / BBL

X Oil Cut
(or Water Cut)

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 271640

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 271640
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	Area underneath and surrounding North Ridge West Production Facility represented by sample ID's SP1, SP3, SP5, SP6 and SP8 approved for deferral. Site will need to be remediated and then reclaimed at time of a major facility deconstruction or at plugging and abandonment, whichever comes first.	2/5/2024