

Remediation Summary and Deferral Request

BTA Oil Producers, LLC South Ridge Production Facility Lea County, New Mexico Unit Letter "E", Section 2, Township 23 South, Range 34 East Latitude 32.332680 North, Longitude 103.445730 West NMOCD Incident # nAPP2125728285

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

October 2023

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Site Assessment/Characterization

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

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

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- \square Depth to water determination
- Determination of water sources and significant watercourses within ¹/₂-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.

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regulations all operators are public health or the environ failed to adequately investig addition, OCD acceptance of and/or regulations. Printed Name: Kelt Signature:	ormation given above is true and complete to the required to report and/or file certain release no ment. The acceptance of a C-141 report by the gate and remediate contamination that pose a th of a C-141 report does not relieve the operator of on Beaird	otifications and pe OCD does not re reat to groundwat of responsibility fo 	rform co lieve the er, surfa or compl Envir 6-23	rrective actions for rele operator of liability sho ce water, human health	eases which may endanger ould their operations have or the environment. In deral, state, or local laws
OCD Only Received by: <u>Shelly We</u>	ells	Date:	10/6/20	023	

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Remediation Plan

<u>Remediation Plan Checklist</u>: *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

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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 con	firmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around prodeconstruction.	
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 complet rules and regulations all operators are required to report and/or file c which may endanger public health or the environment. The acceptan liability should their operations have failed to adequately investigate surface water, human health or the environment. In addition, OCD a responsibility for compliance with any other federal, state, or local la	ertain release notifications and perform corrective actions for releases nee of a C-141 report by the OCD does not relieve the operator of and remediate contamination that pose a threat to groundwater, neceptance of a C-141 report does not relieve the operator of
Printed Name: Kelton Beaird	Title: Environmental Manager
Signature:	Date:10-6-23
email:kbeaird@btaoil.com	Telephone:432-312-2203
OCD Only	
Received by: <u>Shelly Wells</u>	Date: <u>10/6/2023</u>
Approved Approved with Attached Conditions of A	Approval Denied Deferral Approved
Signature: I	Date:

-

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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 photographs be notified 2 days prior to liner inspection)	s of the liner integrity if applicable (Note: appropriate OCD District office				
Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)				
Description of remediation activities					
and regulations all operators are required to report and/or file certa may endanger public health or the environment. The acceptance o should their operations have failed to adequately investigate and re human health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in				
	Date:10-6-23				
email: kbeaird@btaoil.com	Telephone: 432-312-2203				
OCD Only					
Received by:	Date:				
	y of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible //or regulations.				
Closure Approved by:	Date:				
Printed Name:	Title:				



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 E (SW/NW), Section 2, Township 23 South, Range 34 East, approximately eighteen miles southwest of Eunice, in Lea County, New Mexico. The location is on New Mexico State Trust land. Topographic Map, OSE POD Locations Map, and USGS Well Locations Map are included as Figure 1, Figure 2, and Figure 3, respectively.

The release occurred within an earthen containment ; Latitude 32.332680 North, Longitude 103.445730 West. The Initial NMOCD Form C-141 indicated that on September 13, 2021 approximately 80 bbls of produced water was released to containment due to washed-out dump valve piping. A crew was dispatched to the site with a vacuum truck. The valve was repaired and 70 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	tuent Method					
	Chloride	EPA 300.0 or SM4500 CLB	600 mg/kg				
undetermined	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 11, 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 SP designations 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, thirty-six representative soil samples were selected for laboratory analysis. Delineation soil samples SP1 through SP6, 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, SP2 Surface, SP3 Surface, SP4 Surface, SP5 Surface and one-foot bgs, and SP6 Surface, which exhibited TPH and/or chloride concentrations in excess of NMOCD Closure Criteria.

On August 29, 2023, thirty-one 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 FL19 and SW1 through SW12, 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 FL1 at six inches, FL2 at six inches, SW1 at six inches, and SW5 – SW7 at six inches, which exhibited TPH and/or chloride concentrations in excess of NMOCD Closure Criteria.

On September 12, 2023, the areas characterized by sample locations FL1 and FL2 were excavated and resampled. Soil samples FL1B-1' and FL2B-1', 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 108 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 South Ridge Production Facility location, incident nAPP2125728285, 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

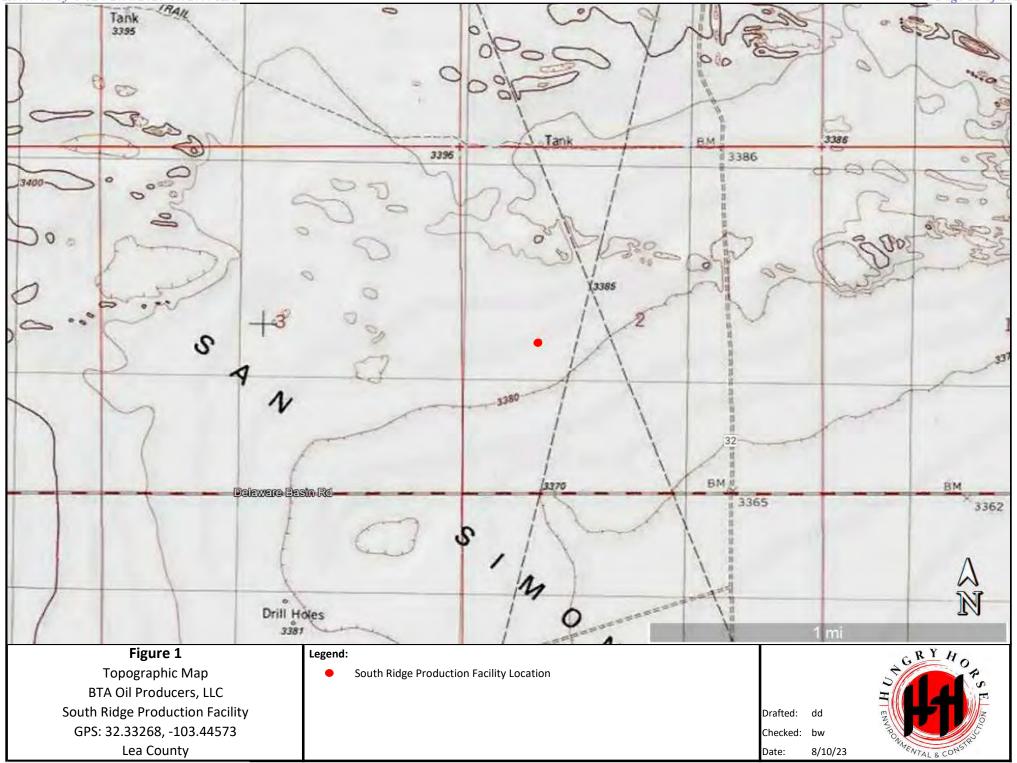
New Mexico Energy, Minerals and Natural Resources Department

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

New Mexico State Land Office 914 N. Linam St. Hobbs, NM 88240

Figures

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Tables

TABLE 1

Summary of Soil Sample Laboratory Analytical Results BTA Oil Producers, LLC South Ridge Production Facility NMOCD Ref. #: nAPP2125728285

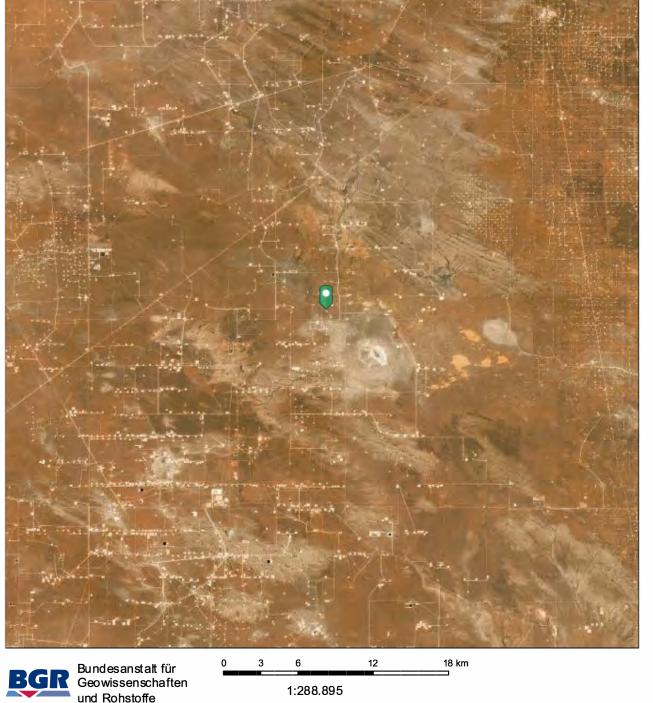
Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
	8/11/23	Surf	Excavated	<0.050	<0.300	<10.0	40.2	40.2	<10.0	40.2	4,400
	8/11/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP1	8/11/23	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	8/11/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	8/11/23	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
	8/11/23	Surf	Excavated	<0.050	<0.300	<10.0	68.6	68.6	14.8	83.4	976
	8/11/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
SP2	8/11/23	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
	8/11/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	8/11/23	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	8/11/23	Surf	Excavated	<0.050	<0.300	<10.0	57.1	57.1	<10.0	57.1	2,040
	8/11/23	1	In-Situ	<0.050	<0.300	<10.0	39.9	<20.0	<10.0	39.9	128
SP3	8/11/23	2	In-Situ	<0.050	<0.300	<10.0	12	<20.0	<10.0	<30.0	192
	8/11/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
	8/11/23	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
	8/11/23	Surf	Excavated	<0.050	<0.300	<10.0	1,420	1,420	494	1,914	7,360
	8/11/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
SP4	8/11/23	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
	8/11/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
	8/11/23	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
	8/11/23	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,250
	8/11/23	1	Excavated	<0.050	<0.300	<10.0	285	285.0	106	391	640
SP5	8/11/23	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
	8/11/23	3	In-Situ	<0.050	<0.300	<10.0	29.9	29.9	10.3	40.2	256
	8/11/23	4	In-Situ	<0.050	<0.300	<10.0	11.7	<20.0	<10.0	<30.0	112
	8/11/23	Surf	Excavated	<0.050	<0.300	<10.0	6,980	6,980	2,360	9,340	3,120
	8/11/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
SP6	8/11/23	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
	8/11/23	3	In-Situ	<0.050	<0.300	<10.0	13.7	<20.0	<10.0	<30.0	384
	8/11/23	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
1174	8/11/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
HZ1	8/11/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	8/11/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
HZ2	8/11/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	8/11/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
HZ3	8/11/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NMOCD (Closure Crite	ria		10	50	-	-	N/A	-	100	600

TABLE 1

Summary of Soil Sample Laboratory Analytical Results BTA Oil Producers, LLC South Ridge Production Facility NMOCD Ref. #: nAPP2125728285

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	8/29/23	0.5	Excavated	<0.050	<0.300	<10.0	345	345	104	449	144
FL1B	9/12/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16
FL2	8/29/23	0.5	Excavated	<0.050	<0.300	<10.0	307	307	103	410	160
FL2B	9/12/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL3	8/29/23	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL4	8/29/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL5	8/29/23	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL6	8/29/23	0.5	In-Situ	<0.050	<0.300	<10.0	43.4	43.4	12.5	55.9	80.0
FL7	8/29/23	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
FL8	8/29/23	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL9	8/29/23	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL10	8/29/23	0.5	In-Situ	<0.050	<0.300	<10.0	12.7	<20.0	<10.0	<30.0	192
FL11	8/29/23	0.5	In-Situ	<0.050	<0.300	<10.0	23.0	23.0	<10.0	<30.0	144
FL12	8/29/23	0.5	In-Situ	<0.050	<0.300	<10.0	17.2	<20.0	<10.0	<30.0	224
FL13	8/29/23	0.5	In-Situ	<0.050	<0.300	<10.0	12.0	<20.0	<10.0	<30.0	144
FL14	8/29/23	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL15	8/29/23	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL16	8/29/23	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL17	8/29/23	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL18	8/29/23	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL19	8/29/23	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SW1	8/29/23	0.5	In-Situ	<0.050	<0.300	<10.0	404	404	204	608	32.0
SW2	8/29/23	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SW3	8/29/23	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW4	8/29/23	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SW5	8/29/23	0.5	In-Situ	<0.050	<0.300	<10.0	458	458	136	594	1,500
SW6	8/29/23	0.5	In-Situ	<0.050	<0.300	<10.0	321	321	94.7	415.7	1,580
SW7	8/29/23	0.5	In-Situ	<0.050	<0.300	<10.0	356	356	103	459	1,260
SW8	8/29/23	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW9	8/29/23	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
SW10	8/29/23	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
SW11	8/29/23	0.5	In-Situ	<0.050	<0.300	<10.0	11.7	<20.0	<10.0	<30.0	256
SW12	8/29/23	0.5	In-Situ	<0.050	<0.300	<10.0	12.1	<20.0	<10.0	<30.0	112
NMOCD (Closure Crite	ria		10	50	-	-	N/A	-	100	600

Attachment I Karst and Wetland Maps



South Ridge Production Facility



Koordinatensystem: WGS 1984 Web Datum: WGS 1984 Mercator Auxiliary Sphere Projektion: Mercator Auxiliary Sphere Exportdatum: 17.08.2023

National Wetlands Inventory

South Ridge Production Facility



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.

Page 22 of 131

Released to Imaging: 2/5/2024 2:08:53 PM

Attachment II NMOCD Correspondence

Daniel Dominguez

From:	Wells, Shelly, EMNRD <shelly.wells@emnrd.nm.gov></shelly.wells@emnrd.nm.gov>
Sent:	Friday, September 8, 2023 8:57 AM
То:	Daniel Dominguez
Cc:	Bratcher, Michael, EMNRD; Velez, Nelson, EMNRD
Subject:	RE: [EXTERNAL] Closure Samples

Hi 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<u>|Shelly.Wells@emnrd.nm.gov</u> 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

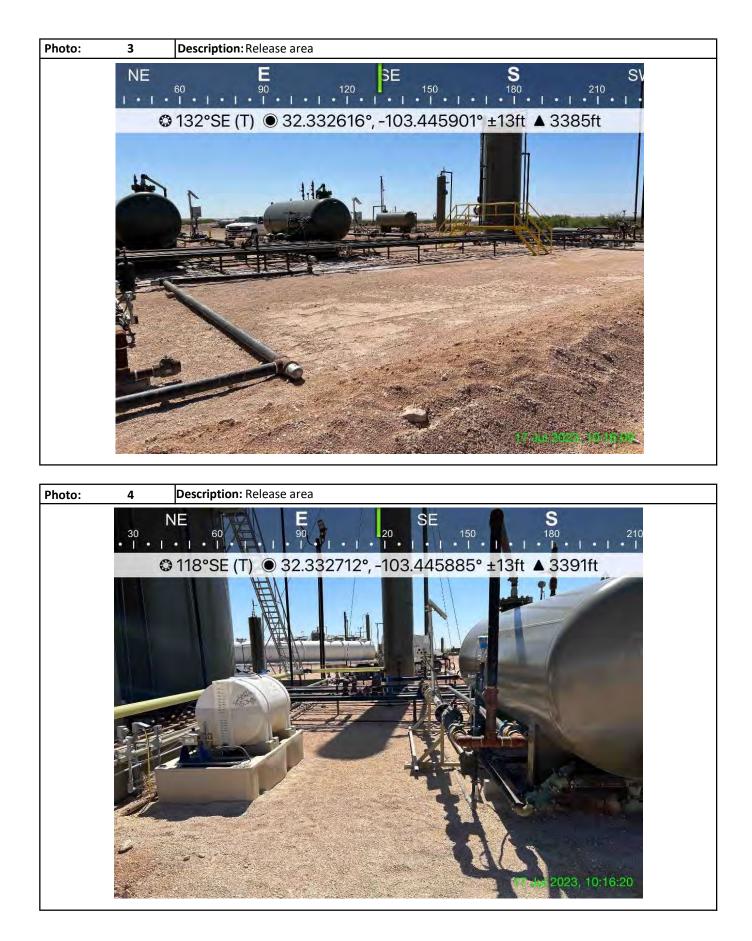
CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

We will be collecting additional closure samples at the South Ridge Production Facility (nAPP2125728285) on Tuesday September 12, 2023 at 11 am. This is our 2 day notice.

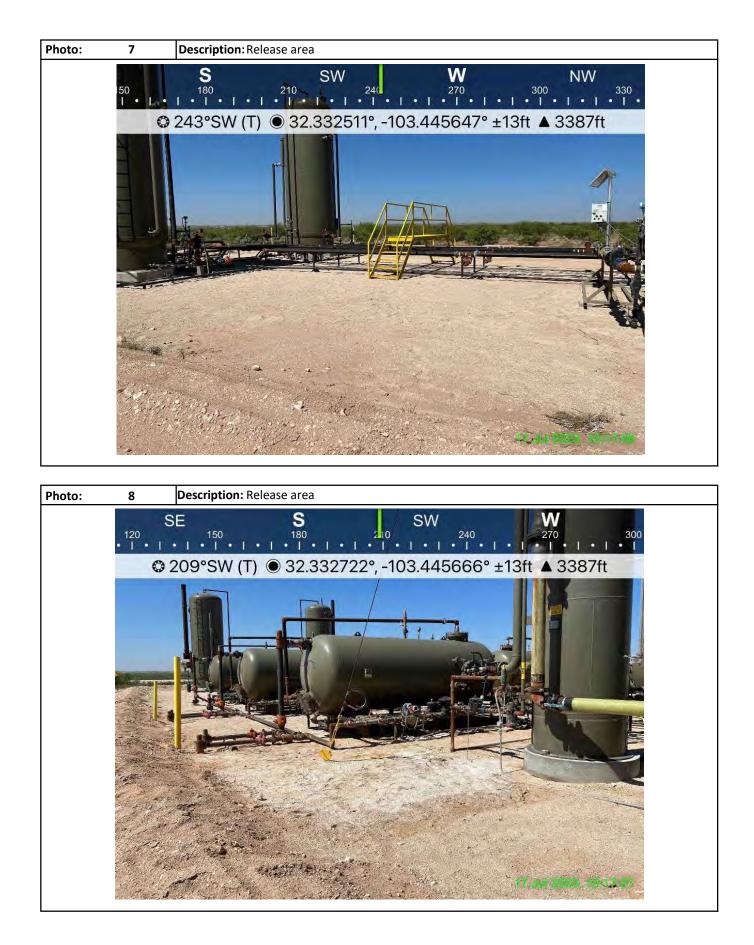
Daniel Dominguez Environmental Manager Hungry Horse, LLC (m) 575-408-3134 ddominguez@hungry-horse.com

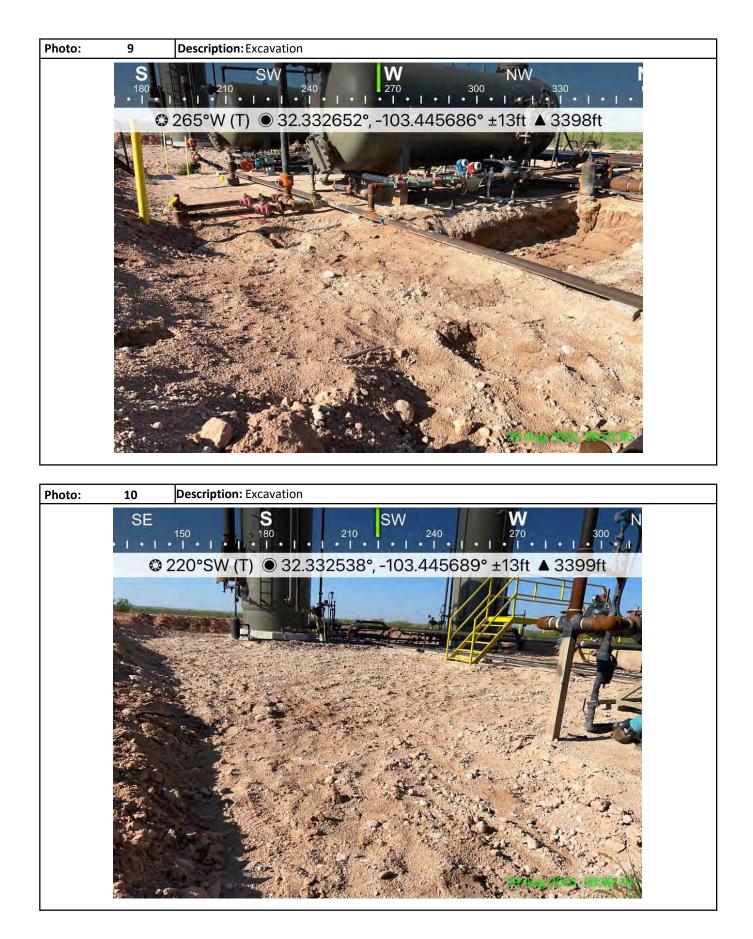
Attachment III Site Photographs

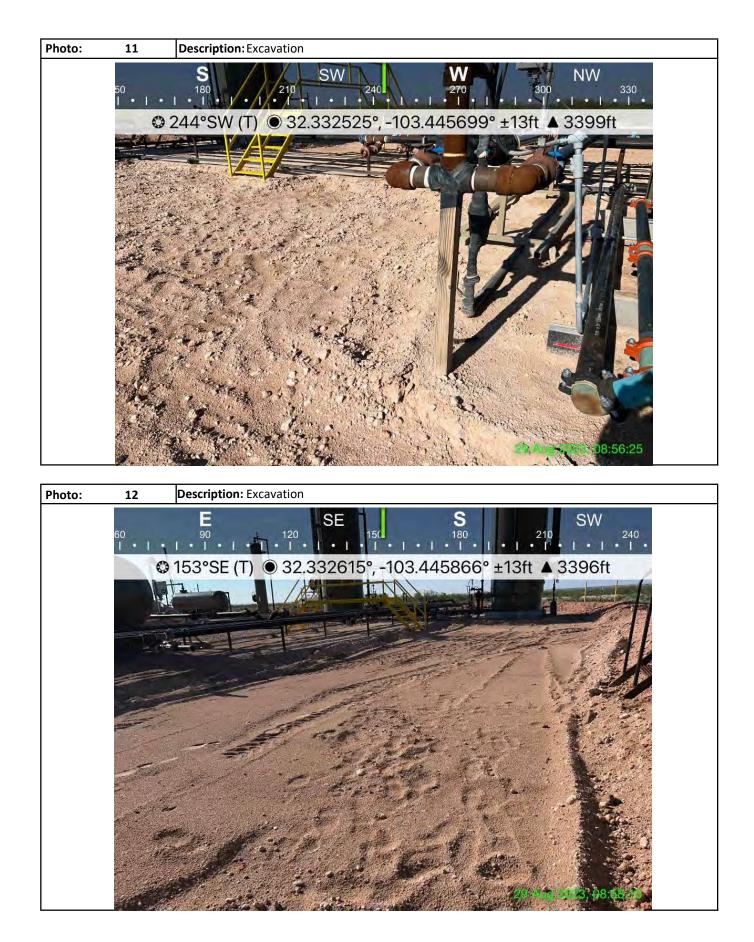


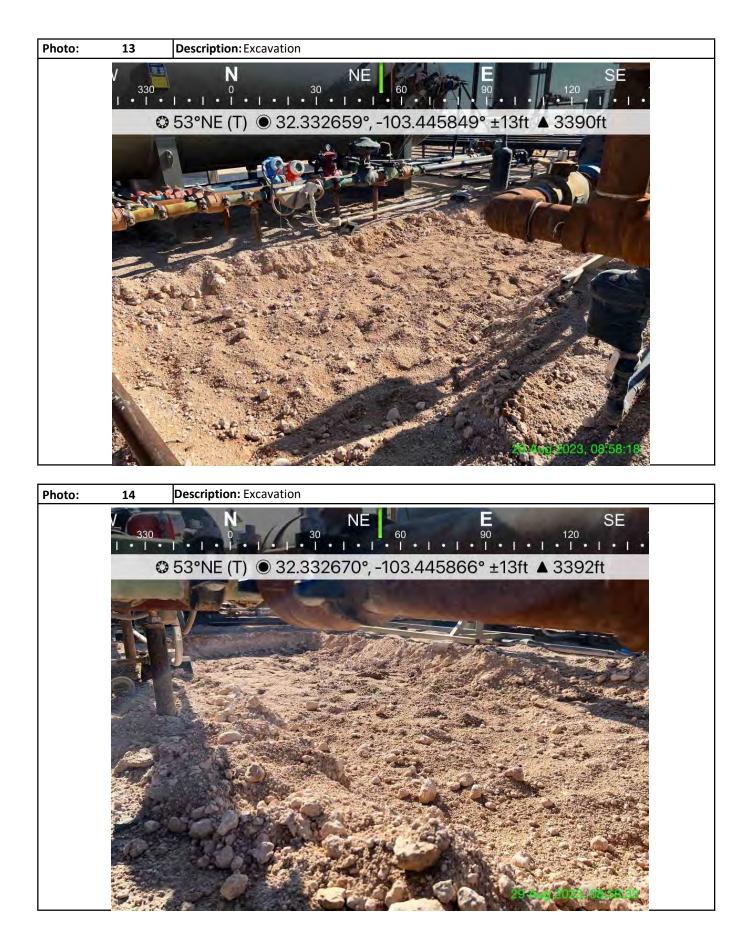




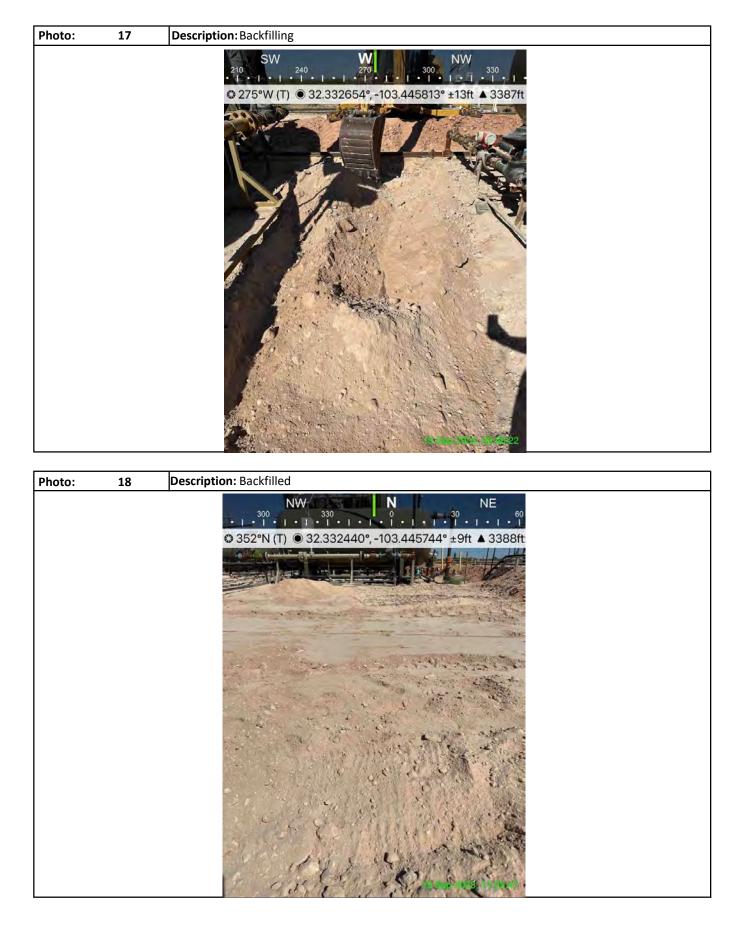
















Attachment IV Depth to Groundwater



New Mexico Office of the State Engineer

Wells with Well Log Information

No wells found.

UTMNAD83 Radius Search (in meters): Easting (X): 646284.29

Northing (Y): 3578373

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.

8/21/23 6:36 AM

WELLS WITH WELL LOG INFORMATIO

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9/26/23 9:13 AM

WATER RIGHT SUMMARY

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<u>CP 01840</u> iority Sum ace of Use	mber Wel <u>) POD1</u> 211 umary <u>Priority</u> 05/01/202 Q Q	FB St 0 F	urce 64Q 1 atus PMT	Acres	Diversior 150	64600 Pod Nui <u>CP 0184</u> CU Use	X Y 07 3577597 mber -0 POD1	' 🌑 "SECT WELL	'ION 11 NW "	

9/26/23 9:11 AM

WATER RIGHT SUMMARY

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Attachment V Field Data

Sample Log

Date: 8/11/23

Project: South Ridge Production Facility

Latitude: 32.33268

Hungry Horse, LLC

Longitude: -103.44573

Sampler: Jerry Heidelberg

Sample ID	Depth	PID/Odor	Chloride	GPS
HZ1	Surf		1.6@ 35X4=140	
121	1'		1.4@ 29×4= 116	
HZ2	Surf		1.20 > 100	
HZ2	'		1.40-29×42 116	
HZ3	Surf		1.8041X4= 164	
HZ3	1'		1.00>100	
SPI	Surf	· · · · · · · · ·	7.0He2531X4= 10,124	
SPI	I I		6-4@370×4= 1,480	
SPI SPI	2'		5,40262×4= 1,048	
SPI		· · · · · · · · · · · · · · · · · · ·	5.4@262X4= 1.048	
SPI	М,		5,00225×4= 900	
SP2	Surf	·	4.80208X4= 832	
SP2	1'		3.4@111×4= 444	
5P2	2'3		3,8@135×4= 540	
SP2			1.20>100	
5P2	H'		1,8@ 41/14= 164	
SP3	Surf		7.40 520x4= 2,080	
SP3	1	1	5.40262X4= 1.048	
SP.3	2'		5,00225×4= 900	
SP3	3'		(a. 20 346×4= 1,384	
SP3	4'		Conf @ 3410X4= 1,384	
SP4	Surf		7.8H@ \$353X4=	
SPY	1		5: 8@ 302×4= 1.208	
SP4	2'		3.8@ 135X4= 540	
SPY	3'		1.60 35×4 a 140	
SP4	4'		2.807984= 316	
595	Surf		6-2@346X4=1,384	
SP5	1'	[7,00454×4=1.816	
5P5	2'		4.8@208×4= 832	
SP5	3	1i	5.8@ 302×4= 1,208	
SP5	4		7-8035384-5,40,26282/2	
SP6	Suct		7.80353X4= 1,412	
SPL	1		5,20243X4= 972	
SPG	2'		4.60 192×4= 7/8	
SPID	3'		4.8@ 208×4= 832	
SPLO	4'		4.00 148×4= 592	

Floor = FL1 etc

Sidewall = SW1 etc

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

Stockpile = Stockpile #1

Attachment VI Laboratory Analytical Reports



August 17, 2023

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

RE: SOUTH RIDGE PRODUCTION FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 08/11/23 15:33.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 1 - SURF (H234356-01)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.18	109	2.00	0.688	
Toluene*	<0.050	0.050	08/15/2023	ND	2.13	106	2.00	1.73	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.03	101	2.00	0.173	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.12	102	6.00	0.533	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	08/15/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2023	ND	176	87.8	200	0.864	
DRO >C10-C28*	40.2	10.0	08/14/2023	ND	177	88.6	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					
Surrogate: 1-Chlorooctane	94.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 1 - 1' (H234356-02)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.18	109	2.00	0.688	
Toluene*	<0.050	0.050	08/15/2023	ND	2.13	106	2.00	1.73	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.03	101	2.00	0.173	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.12	102	6.00	0.533	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/15/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2023	ND	176	87.8	200	0.864	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	177	88.6	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					
Surrogate: 1-Chlorooctane	91.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 1 - 2' (H234356-03)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.18	109	2.00	0.688	
Toluene*	<0.050	0.050	08/15/2023	ND	2.13	106	2.00	1.73	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.03	101	2.00	0.173	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.12	102	6.00	0.533	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/15/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2023	ND	176	87.8	200	0.864	
DRO >C10-C28*	<10.0	10.0	08/15/2023	ND	177	88.6	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	08/15/2023	ND					
Surrogate: 1-Chlorooctane	84.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.0	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 1 - 3' (H234356-04)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.18	109	2.00	0.688	
Toluene*	<0.050	0.050	08/15/2023	ND	2.13	106	2.00	1.73	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.03	101	2.00	0.173	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.12	102	6.00	0.533	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/15/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2023	ND	176	87.8	200	0.864	
DRO >C10-C28*	<10.0	10.0	08/15/2023	ND	177	88.6	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	08/15/2023	ND					
Surrogate: 1-Chlorooctane	81.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.8	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 1 - 4' (H234356-05)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.18	109	2.00	0.688	
Toluene*	<0.050	0.050	08/15/2023	ND	2.13	106	2.00	1.73	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.03	101	2.00	0.173	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.12	102	6.00	0.533	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/15/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2023	ND	176	87.8	200	0.864	
DRO >C10-C28*	<10.0	10.0	08/15/2023	ND	177	88.6	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	08/15/2023	ND					
Surrogate: 1-Chlorooctane	87.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 2 - SURF (H234356-06)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.18	109	2.00	0.688	
Toluene*	<0.050	0.050	08/15/2023	ND	2.13	106	2.00	1.73	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.03	101	2.00	0.173	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.12	102	6.00	0.533	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	08/15/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2023	ND	176	87.8	200	0.864	
DRO >C10-C28*	68.6	10.0	08/15/2023	ND	177	88.6	200	1.37	
EXT DRO >C28-C36	14.8	10.0	08/15/2023	ND					
Surrogate: 1-Chlorooctane	72.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 2 - 1' (H234356-07)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.18	109	2.00	0.688	
Toluene*	<0.050	0.050	08/15/2023	ND	2.13	106	2.00	1.73	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.03	101	2.00	0.173	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.12	102	6.00	0.533	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/15/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2023	ND	176	87.8	200	0.864	
DRO >C10-C28*	<10.0	10.0	08/15/2023	ND	177	88.6	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	08/15/2023	ND					
Surrogate: 1-Chlorooctane	93.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 2 - 2' (H234356-08)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.18	109	2.00	0.688	
Toluene*	<0.050	0.050	08/15/2023	ND	2.13	106	2.00	1.73	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.03	101	2.00	0.173	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.12	102	6.00	0.533	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/15/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2023	ND	176	87.8	200	0.864	
DRO >C10-C28*	<10.0	10.0	08/15/2023	ND	177	88.6	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	08/15/2023	ND					
Surrogate: 1-Chlorooctane	89.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.0	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 2 - 3' (H234356-09)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.04	102	2.00	0.817	
Toluene*	<0.050	0.050	08/15/2023	ND	1.91	95.6	2.00	0.167	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.84	92.2	2.00	1.89	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.39	89.8	6.00	1.76	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/15/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2023	ND	176	87.8	200	0.864	
DRO >C10-C28*	<10.0	10.0	08/15/2023	ND	177	88.6	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	08/15/2023	ND					
Surrogate: 1-Chlorooctane	90.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 2 - 4' (H234356-10)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.04	102	2.00	0.817	
Toluene*	<0.050	0.050	08/15/2023	ND	1.91	95.6	2.00	0.167	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.84	92.2	2.00	1.89	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.39	89.8	6.00	1.76	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/15/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2023	ND	176	87.8	200	0.864	
DRO >C10-C28*	<10.0	10.0	08/15/2023	ND	177	88.6	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	08/15/2023	ND					
Surrogate: 1-Chlorooctane	89.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 3 - SURF (H234356-11)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.04	102	2.00	0.817	
Toluene*	<0.050	0.050	08/15/2023	ND	1.91	95.6	2.00	0.167	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.84	92.2	2.00	1.89	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.39	89.8	6.00	1.76	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2040	16.0	08/15/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2023	ND	176	87.8	200	0.864	
DRO >C10-C28*	57.1	10.0	08/15/2023	ND	177	88.6	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	08/15/2023	ND					
Surrogate: 1-Chlorooctane	84.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.8	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 3 - 1' (H234356-12)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.04	102	2.00	0.817	
Toluene*	<0.050	0.050	08/15/2023	ND	1.91	95.6	2.00	0.167	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.84	92.2	2.00	1.89	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.39	89.8	6.00	1.76	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/15/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2023	ND	176	87.8	200	0.864	
DRO >C10-C28*	39.9	10.0	08/15/2023	ND	177	88.6	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	08/15/2023	ND					
Surrogate: 1-Chlorooctane	88.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 3 - 2' (H234356-13)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.04	102	2.00	0.817	
Toluene*	<0.050	0.050	08/15/2023	ND	1.91	95.6	2.00	0.167	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.84	92.2	2.00	1.89	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.39	89.8	6.00	1.76	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/15/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2023	ND	176	87.8	200	0.864	
DRO >C10-C28*	12.0	10.0	08/15/2023	ND	177	88.6	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	08/15/2023	ND					
Surrogate: 1-Chlorooctane	91.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 3 - 3' (H234356-14)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.04	102	2.00	0.817	
Toluene*	<0.050	0.050	08/15/2023	ND	1.91	95.6	2.00	0.167	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.84	92.2	2.00	1.89	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.39	89.8	6.00	1.76	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	08/15/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2023	ND	176	87.8	200	0.864	
DRO >C10-C28*	<10.0	10.0	08/15/2023	ND	177	88.6	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	08/15/2023	ND					
Surrogate: 1-Chlorooctane	88.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 3 - 4' (H234356-15)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.04	102	2.00	0.817	
Toluene*	<0.050	0.050	08/15/2023	ND	1.91	95.6	2.00	0.167	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.84	92.2	2.00	1.89	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.39	89.8	6.00	1.76	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/15/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2023	ND	176	87.8	200	0.864	
DRO >C10-C28*	<10.0	10.0	08/15/2023	ND	177	88.6	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	08/15/2023	ND					
Surrogate: 1-Chlorooctane	89.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 4 - SURF (H234356-16)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.04	102	2.00	0.817	
Toluene*	<0.050	0.050	08/15/2023	ND	1.91	95.6	2.00	0.167	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.84	92.2	2.00	1.89	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.39	89.8	6.00	1.76	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7360	16.0	08/15/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2023	ND	176	87.8	200	0.864	
DRO >C10-C28*	1420	10.0	08/15/2023	ND	177	88.6	200	1.37	
EXT DRO >C28-C36	494	10.0	08/15/2023	ND					
Surrogate: 1-Chlorooctane	87.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 4 - 1' (H234356-17)

BTEX 8021B	mg,	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.04	102	2.00	0.817	
Toluene*	<0.050	0.050	08/15/2023	ND	1.91	95.6	2.00	0.167	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.84	92.2	2.00	1.89	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.39	89.8	6.00	1.76	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	08/15/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2023	ND	164	82.1	200	0.254	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	153	76.5	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					
Surrogate: 1-Chlorooctane	99.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 4 - 2' (H234356-18)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.04	102	2.00	0.817	
Toluene*	<0.050	0.050	08/15/2023	ND	1.91	95.6	2.00	0.167	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.84	92.2	2.00	1.89	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.39	89.8	6.00	1.76	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/15/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2023	ND	164	82.1	200	0.254	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	153	76.5	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					
Surrogate: 1-Chlorooctane	99.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 4 - 3' (H234356-19)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.04	102	2.00	0.817	
Toluene*	<0.050	0.050	08/15/2023	ND	1.91	95.6	2.00	0.167	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.84	92.2	2.00	1.89	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.39	89.8	6.00	1.76	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/15/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2023	ND	164	82.1	200	0.254	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	153	76.5	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					
Surrogate: 1-Chlorooctane	99.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 4 - 4' (H234356-20)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.04	102	2.00	0.817	
Toluene*	<0.050	0.050	08/15/2023	ND	1.91	95.6	2.00	0.167	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.84	92.2	2.00	1.89	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.39	89.8	6.00	1.76	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/15/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2023	ND	164	82.1	200	0.254	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	153	76.5	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					
Surrogate: 1-Chlorooctane	97.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 5 - SURF (H234356-21)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.04	102	2.00	0.817	
Toluene*	<0.050	0.050	08/15/2023	ND	1.91	95.6	2.00	0.167	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.84	92.2	2.00	1.89	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.39	89.8	6.00	1.76	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1250	16.0	08/15/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2023	ND	164	82.1	200	0.254	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	153	76.5	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					
Surrogate: 1-Chlorooctane	80.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.7	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 5 - 1' (H234356-22)

BTEX 8021B	mg	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.04	102	2.00	0.817	
Toluene*	<0.050	0.050	08/15/2023	ND	1.91	95.6	2.00	0.167	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.84	92.2	2.00	1.89	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.39	89.8	6.00	1.76	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	08/15/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2023	ND	164	82.1	200	0.254	
DRO >C10-C28*	285	10.0	08/14/2023	ND	153	76.5	200	6.80	
EXT DRO >C28-C36	106	10.0	08/14/2023	ND					
Surrogate: 1-Chlorooctane	99.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 5 - 2' (H234356-23)

BTEX 8021B	mg,	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.04	102	2.00	0.817	
Toluene*	<0.050	0.050	08/15/2023	ND	1.91	95.6	2.00	0.167	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.84	92.2	2.00	1.89	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.39	89.8	6.00	1.76	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	08/15/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2023	ND	164	82.1	200	0.254	
DRO >C10-C28*	<10.0	10.0	08/15/2023	ND	153	76.5	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	08/15/2023	ND					
Surrogate: 1-Chlorooctane	99.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 5 - 3' (H234356-24)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.04	102	2.00	0.817	
Toluene*	<0.050	0.050	08/15/2023	ND	1.91	95.6	2.00	0.167	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.84	92.2	2.00	1.89	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.39	89.8	6.00	1.76	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	08/15/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2023	ND	164	82.1	200	0.254	
DRO >C10-C28*	29.9	10.0	08/15/2023	ND	153	76.5	200	6.80	
EXT DRO >C28-C36	10.3	10.0	08/15/2023	ND					
Surrogate: 1-Chlorooctane	98.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 5 - 4' (H234356-25)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.04	102	2.00	0.817	
Toluene*	<0.050	0.050	08/15/2023	ND	1.91	95.6	2.00	0.167	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.84	92.2	2.00	1.89	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.39	89.8	6.00	1.76	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/15/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2023	ND	164	82.1	200	0.254	
DRO >C10-C28*	11.7	10.0	08/15/2023	ND	153	76.5	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	08/15/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 6 - SURF (H234356-26)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.04	102	2.00	0.817	
Toluene*	<0.050	0.050	08/15/2023	ND	1.91	95.6	2.00	0.167	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.84	92.2	2.00	1.89	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.39	89.8	6.00	1.76	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3120	16.0	08/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2023	ND	164	82.1	200	0.254	
DRO >C10-C28*	6980	10.0	08/15/2023	ND	153	76.5	200	6.80	
EXT DRO >C28-C36	2360	10.0	08/15/2023	ND					
Surrogate: 1-Chlorooctane	96.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	244 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 6 - 1' (H234356-27)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.04	102	2.00	0.817	
Toluene*	<0.050	0.050	08/15/2023	ND	1.91	95.6	2.00	0.167	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.84	92.2	2.00	1.89	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.39	89.8	6.00	1.76	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	08/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2023	ND	164	82.1	200	0.254	
DRO >C10-C28*	<10.0	10.0	08/15/2023	ND	153	76.5	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	08/15/2023	ND					
Surrogate: 1-Chlorooctane	97.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 6 - 2' (H234356-28)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.04	102	2.00	0.817	
Toluene*	<0.050	0.050	08/15/2023	ND	1.91	95.6	2.00	0.167	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.84	92.2	2.00	1.89	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.39	89.8	6.00	1.76	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2023	ND	164	82.1	200	0.254	
DRO >C10-C28*	<10.0	10.0	08/15/2023	ND	153	76.5	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	08/15/2023	ND					
Surrogate: 1-Chlorooctane	92.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 6 - 3' (H234356-29)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.17	108	2.00	0.227	
Toluene*	<0.050	0.050	08/15/2023	ND	2.08	104	2.00	1.11	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.03	102	2.00	0.648	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.19	103	6.00	1.81	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	08/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2023	ND	164	82.1	200	0.254	
DRO >C10-C28*	13.7	10.0	08/15/2023	ND	153	76.5	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	08/15/2023	ND					
Surrogate: 1-Chlorooctane	95.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SP 6 - 4' (H234356-30)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.17	108	2.00	0.227	
Toluene*	<0.050	0.050	08/15/2023	ND	2.08	104	2.00	1.11	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.03	102	2.00	0.648	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.19	103	6.00	1.81	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2023	ND	164	82.1	200	0.254	
DRO >C10-C28*	<10.0	10.0	08/15/2023	ND	153	76.5	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	08/15/2023	ND					
Surrogate: 1-Chlorooctane	98.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: HZ 1 - SURF (H234356-31)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.17	108	2.00	0.227	
Toluene*	<0.050	0.050	08/15/2023	ND	2.08	104	2.00	1.11	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.03	102	2.00	0.648	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.19	103	6.00	1.81	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2023	ND	164	82.1	200	0.254	
DRO >C10-C28*	<10.0	10.0	08/15/2023	ND	153	76.5	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	08/15/2023	ND					
Surrogate: 1-Chlorooctane	108 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127 9	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: HZ 1 - 1' (H234356-32)

BTEX 8021B	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.17	108	2.00	0.227	
Toluene*	<0.050	0.050	08/15/2023	ND	2.08	104	2.00	1.11	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.03	102	2.00	0.648	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.19	103	6.00	1.81	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2023	ND	164	82.1	200	0.254	
DRO >C10-C28*	<10.0	10.0	08/15/2023	ND	153	76.5	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	08/15/2023	ND					
Surrogate: 1-Chlorooctane	98.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: HZ 2 - SURF (H234356-33)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.17	108	2.00	0.227	
Toluene*	<0.050	0.050	08/15/2023	ND	2.08	104	2.00	1.11	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.03	102	2.00	0.648	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.19	103	6.00	1.81	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2023	ND	164	82.1	200	0.254	
DRO >C10-C28*	<10.0	10.0	08/15/2023	ND	153	76.5	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	08/15/2023	ND					
Surrogate: 1-Chlorooctane	99.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: HZ 2 - 1' (H234356-34)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.17	108	2.00	0.227	
Toluene*	<0.050	0.050	08/15/2023	ND	2.08	104	2.00	1.11	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.03	102	2.00	0.648	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.19	103	6.00	1.81	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2023	ND	164	82.1	200	0.254	
DRO >C10-C28*	<10.0	10.0	08/15/2023	ND	153	76.5	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	08/15/2023	ND					
Surrogate: 1-Chlorooctane	96.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: HZ 3 - SURF (H234356-35)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.17	108	2.00	0.227	
Toluene*	<0.050	0.050	08/15/2023	ND	2.08	104	2.00	1.11	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.03	102	2.00	0.648	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.19	103	6.00	1.81	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2023	ND	164	82.1	200	0.254	
DRO >C10-C28*	<10.0	10.0	08/15/2023	ND	153	76.5	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	08/15/2023	ND					
Surrogate: 1-Chlorooctane	100 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/11/2023	Sampling Date:	08/11/2023
Reported:	08/17/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Tamara Oldaker
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: HZ 3 - 1' (H234356-36)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.17	108	2.00	0.227	
Toluene*	<0.050	0.050	08/15/2023	ND	2.08	104	2.00	1.11	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.03	102	2.00	0.648	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.19	103	6.00	1.81	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/15/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2023	ND	164	82.1	200	0.254	
DRO >C10-C28*	<10.0	10.0	08/15/2023	ND	153	76.5	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	08/15/2023	ND					
Surrogate: 1-Chlorooctane	99.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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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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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

aboratories ARDINAL 101 East Marland, Hobbs, NM 88240

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

City:

Hobbs

575 393-3386

Fax #: State:

NM

Zip:

88241

Project #: Phone #:

South Ridge Production Facility

Project Owner:

BTA Oil Producer

UL/ E Sec 2 T23S - R34E

Project Location: Project Name:

Sampler Name:

Jerry Heidelberg

FOR LAB USE ONLY

1234356

SP1-3 SP1-2"

SP1-1' SP1-Surf

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4

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Lab I.D.

Sample I.D.

(G)RAB OR (C)OMP

CONTAINERS

WASTEWATER

GROUNDWATER

Project Manager: Company Name:

Daniel Dominguez Hungry Horse LLC

Address:

PO Box 1058

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

×				×																
				1						OIL	ATRIX				S, LLC					
										SLUDGE	1									
										OTHER :		Fax #:	Ph	State: TX	Cit	Adu	Att	Col	P.O. #:	1
										ACID/BASE:	PR	*	one	ite:	City: Midland	dres	2	Company	. #	
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										OTHER :	RV.		432	-	land	104	ton	8		B
8/11/23	8/11/23	8/11/23	8/11/23	8/11/23	8/11/23	8/11/23	8/11/23	8/11/23	8/11/23	DATE	SAMPLING		Phone #: 432-312-2203	Zip: 79701	a	Address: 104 S Pecos St.	Attn: Kelton Beaird	BTA Oil Producers, LLC		BILL TO
										TIME	IG					r.		ers, LLC		
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LEASE NOTE: Liab e SP2-4 ages, Cardinal's liability and client's exclusive edy for any daim G ALIBRID MILEUR -If be limited to the amount paid by the client for the

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SP2-3' SP2-2' SP2-1' SP2-Surf SP1-4"

including those for neglige ice and any other Majou miess made in writing and received by Cardinal within 3D days after i letion of the ap

loss of use, or loss of profits incurred by dient, its subsidiaries.

lyses. All claims

Relinquished By: sice. In no event shall Cardinal be liable for incide £2-11-53 Received By Phone Result: Fax Result:

Received by	OCD:	10/6/2023	6:52:40 AM	1
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Relinquished By:

Date: Time: 3

Received By

U

REMARKS:

□ Yes

I No

Add'l Phone #: Add'l Fax #:

Email results to:

pm@hungry-horse.com kbeaird@btaoil.com

Time:

Sampler - UPS - Bus - Other:

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

lec

0

Cool Intact

14/40

Sample Condition

CHECKED BY: (Initials)

Delivered By: (Circle One)

Received by OCD: 10/6/2023 6:52:40 AM

Sampler - UPS	0	- Andrew -	Relification Ru	1	Relinquished	analyses. All claims in service, In no event shu affiliates or successors	PLEASE NOTE: Liability and Day	4			1	/	1	1			Lab I.D.	FOR LAB USE ONLY	Sampler Name:	Project Location:	Project Name:	Project #:	Phone #:	City: Hobbs	Address:	an	Company Name:		
Delivered By: (Circle One) ampler - UPS - Bus - Other:			al Quality	111011	IBy: n	anahyees. All claims including those for negligence and any other cause whatloover shalls be derived valued unless made in witting and reactived by Cardinal wittin 30 days after completion of service. In no event shall Cardinal be liable for incidential or consequential damages, holding without linitation, business interruptions, loss of use, or loss of profits incurred by Cardinal within 30 days after completion of affiliates or successor arising out of creatived to be performance of services hereunder by Cardinal repartiess or whether such claim is based one stated reson or other affiliates or successor arising out of creative to be performance of services hereunder by Cardinal repartiess or whether such claim is based one stated reson or other and the services of the second services hereunder by Cardinal repartiess of whether such claim is based ones attained reson or other and the second services are attained and the second	ity and Damages. Cardinal's liability and client's exclusive remedy for any d	SP4-3	SP4-2"	(SP4-1'	SP4-Surf	5 SP3-4'	4 SP3-3'	3 SP3-2'	2 SP3-1'	// SP3-Surf	Sample I.D.	Å	ne: Jerry Heidelberg	tion: UL/ E Sec 2 T23S - R34E	e: South Ridge Production Facility		575 393-3386	bs	PO Box 1058	ager: Daniel Dominguez		101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	_abora
0.6	Tune.	Time:	noto:	11-8	Date://	ther cause whatsoever onsequental damages, ance of services hereur											e I.D.		ġ	3S - R34E	ction Facility	Project Owner:	Fax #	State: NM		uez	LLC	d, Hobbs, N FAX (575)	oratories
ohl#		Neven	33	S	72 Receiv	ver shall be deemed waived unless res, including without limitation, buss reunder by Cardinal, repardless of v	edy for any claim arising v	G 1	G 1	G 1	G 1	G 1	G 1	G 1	G 1	G 1	(G)RAB OR (C)OMP. # CONTAINERS							Zip:				M 88240 393-2476	S
Sample Condition Cool Intact Yes Yes		Necelved by:	NINNIN I	10	red By:	unless made in writing and r n, business interruptions, lot ss of whether such claim is	whether based in contract or tort, st	× ×	×	×	×	×	×	×	×	×	GROUNDWATER WASTEWATER SOIL OIL SLUDGE	MATRIX				BTA Oil Producers, LLC		88241					
Vies (Initials)			Wilda	1111	on sur of the rade press	made in writing and received by Cardinal within ress interruptions, loss of use, or loss of profits i hether such claim is based upon any of the abo	r tort, shall be limited to the	: ×	×	×	×	×	×	×	×	×	OTHER	PRESERV.	Fax #:	Phone #: 43:	State: TX	City: Midland	Address: 104 S Pecos	Attn: Kelton	Company	P.O. #:			
ED BY: ials)		1	X			30 days after completion of the applicable incurred by client, its subsidiaries, our stated reasons or otherwise	amount paid by the client for the	8/11/23	8/11/23	8/11/23	8/11/23	8/11/23	8/11/23	8/11/23	8/11/23	8/11/23		SAMPLING		432-312-2203	Zip: 79701	p	4 S Pecos St.	Kelton Beaird	BTA Oil Producers,		BILL TO		
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	kbeaird@			Yes I No	Т		×	+	+	×	×			-		-	BTEX 8021				_		_						000101
	kbeaird@btaoil.com	pm@hungry-horse.com		Add'I Fax #:																							ANALYSIS		-0031001 AND ANAL 1313
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Page 40 of 42

Received by OCD: 10/6/2023 6:52:40 AM

101 E (57)	2 3	Hobbs, NM 88 AX (575) 393-2	476				2	15				
Company Name:		0					BILI	BILL TO				
Project Manager:		2				P.O. #:						-
Address: PO B	PO Box 1058					Company		BTA Oil Producers,	ers, LLC			
City: Hobbs		State: NM	Zip:	88241		Attn: +	Kelton Beaird	eaird				
*	575 393-3386	Fax #:				Address:	s: 104 S	104 S Pecos St	5.4		_	
Project #:		Project Owner:	BTA O	BTA Oil Producers, LLC	S, LLC	City: 1	Midland					
ame:	South Ridge Production Facility	on Facility				State:	TX Z	Zip: 79701			_	
Project Location:	:: UL/ E Sec 2 T23S - R34E	S - R34E				Phone #:	_	432-312-2203				
Sampler Name:	Jerry Heidelberg					Fax #:				_		
FOR LAB USE ONLY	Sample I.D.	I.D.	AB OR (C)OMP.	OUNDWATER STEWATER	DGE	IER :	D/BASE: PRESERV.	SAMPLING	ō		loride	Ioride H EX 8021
01100			÷		k		K			<	-1	+
er	SP5-Surf		G 1		×		×	8/11/23		×	+	+
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0-	SP6-Surf		G 1	Ē	×	F		8/11/23		×	+	+
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PLEASE NOTE: Liability and analyses. All claims including service. In no event shall Can		ardina's lability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the emount paid by the client for the glopence and any other cause, whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the a 5 for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subuidaries,	ny claim arisin deemed waive without limital	g whether base d unless made fon, business in	in writing and re- terruptions, loss	tort, shall be lit eceived by Carr a of use, or loss	nited to the an sinal within 30 s of profits inco	mount paid by the days after comp urred by client, it	Iaim arising whether based in contract or lort, shall be limited to the amount paid by the client for the ned waiwed unless made in writing and received by Cardinal within 30 days after completion of the applicable hout limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,	8	ble	ble
Relinquished By:	ing out of or related to the performance of services hereunder by Cardinal 3Y: L I Date: // 1/2 F	ce of services hereunder by C Date: // 7	Rece	Received By:	her such claim is based upon any of the	based upon an	A of the address	stated reasons	Phone Result:	2	11	It: Ves
Refinduished By	Add Men	9 Time: 33	Rece	Received By:	Makh	R		R	Fax Result: REMARKS:	D X	to l	to l
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Delivered By: Sampler - UPS	- Bus - Other:		#14C	Coo	Sample Condition	Yes	(Initials)	DBY:				

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 41 of 42

Page 84 of 131

aboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	(575) 393-2326 FA	(575) 393-2326 FAX (575) 393-2476 Hunary Horse LLC	476		-	BILL TO	0				ANALYSIS	IS REQUEST	JEST		
Project Manager:	Daniel Dominguez	lez			P.O. #:			1		_	_		_	_	
Address: PO B	PO Box 1058				Company	ny	BTA Oil Producers, LLC				_	_			
<u> </u>		State: NM	Zip:	88241	Attn:	Attn: Kelton Beaird									
e#:	575 393-3386	Fax #:	ł		Addres	Address: 104 S Pecos St.	cos St.								
Project #:		Project Owner:	BTA O	BTA Oil Producers, LLC	City:	Midland								_	
ame:	South Ridge Production Facility	tion Facility	ł		State:	TX Zip: 79701	79701				_				
Project Location:	UL/ E Sec 2 T23S - R34E	3S - R34E			Phone #:	#: 432-312-2203	2203					_			
Sampler Name:	Jerry Heidelberg	g			Fax #:					_					
EORIARIISE ONIV				MATRIX	┢	PRESERV. SA	SAMPLING	1							
Lab I.D.	Sample I.D.	e I.D.	(G)RAB OR (C)OMP. # CONTAINERS	GROUNDWATER WASTEWATER	SLUDGE OTHER :		DATE TIME	Chloride	трн	BTEX 8021					
15	HZ1-Surf		G	-		X 8/11/23	123	×	×	×					
37	HZ1-1'		G	1 ×		X 8/11/23	123	×	×	×					
U	HZ2-Surf		G	1 ×		X 8/11/23	123	×	×	×			-		
1	HZ2-1'		-	1 ×		-	/23	×	×	×	+		+	-	T
SC.	HZ3-Surf		G	1 ×		X 8/11/23	123	>	>	>	+	+	+		T
-	HZ3-1'		G			X 8/11/23	1/23	×	×	×					
PLEASE NOTE: Liability and	Damages. Cardinal's liability an	PLEASE NOTE: Liability and Damages. Cardinal's liability and dient's exclusive remedy for any daim arising whether based in contract or (or, shall be limited to the amount paid by the dient for the populatile to the second whether the second	any claim arisk	ng whether based in c	ontract or fort, shall be	Imited to the amount p rdinal within 30 days a	paid by the client for I	he applicable		H			-		
service. In no event shall Carr affiliates or successors arising	rdinal be liable for incidental or c a out of or related to the perform	service. In no event shall Cardinal be liable for incidential or consequential dumages, including without imitation, 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	g without limit Cardinal, rega	ation, business interru rdless of whether such	s, including without limitation; business interruptions, loss of use, or loss of profits incurred by client, its subsidiarie under by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise	ny of the above stated	reasons or otherwis	i. 3							
Relinquished By:	111 10	Date:11-23	S Rec	Received By:	IN M	11	Fax Re	Fax Result:	□ Yes		Add'l Fax #:	t:			
Reindonshed By	Houdin	Time: 33		Received By:	W WIL	10 m	Em	REMARKS: Email results to		pm@hun kbeaird@	pm@hungry-horse.com kbeaird@btaoil.com	m			
Delivered By: (Circle One) Sampler - UPS - Bus - Other	(Circle One) Bus - Other:	O.U.C	#	Cool A Cool A No	Sample Condition Cool Infact Yes Yes No No No	CHECKED BY:									
† Cardinal cann	ot accept verbal c	Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476	x writte	n changes to	575-393-247	6									



September 05, 2023

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

RE: SOUTH RIDGE PRODUCTION FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 08/29/23 15:18.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: FL 1 (H234698-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.86	93.0	2.00	0.717	
Toluene*	<0.050	0.050	08/31/2023	ND	2.19	110	2.00	1.87	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.24	112	2.00	1.42	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.67	111	6.00	1.04	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/30/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	180	89.9	200	0.420	
DRO >C10-C28*	345	10.0	08/30/2023	ND	214	107	200	2.08	
EXT DRO >C28-C36	104	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	119	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	136	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: FL 2 (H234698-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.86	93.0	2.00	0.717	
Toluene*	<0.050	0.050	08/31/2023	ND	2.19	110	2.00	1.87	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.24	112	2.00	1.42	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.67	111	6.00	1.04	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/30/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	180	89.9	200	0.420	
DRO >C10-C28*	307	10.0	08/30/2023	ND	214	107	200	2.08	
EXT DRO >C28-C36	103	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	151 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: FL 3 (H234698-03)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.86	93.0	2.00	0.717	
Toluene*	<0.050	0.050	08/31/2023	ND	2.19	110	2.00	1.87	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.24	112	2.00	1.42	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.67	111	6.00	1.04	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/30/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	180	89.9	200	0.420	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	214	107	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	112 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	128	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: FL 4 (H234698-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.86	93.0	2.00	0.717	
Toluene*	<0.050	0.050	08/31/2023	ND	2.19	110	2.00	1.87	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.24	112	2.00	1.42	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.67	111	6.00	1.04	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/30/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	180	89.9	200	0.420	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	214	107	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	116 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: FL 5 (H234698-05)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.86	93.0	2.00	0.717	
Toluene*	<0.050	0.050	08/31/2023	ND	2.19	110	2.00	1.87	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.24	112	2.00	1.42	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.67	111	6.00	1.04	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/30/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	180	89.9	200	0.420	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	214	107	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	114 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: FL 6 (H234698-06)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.86	93.0	2.00	0.717	
Toluene*	<0.050	0.050	08/31/2023	ND	2.19	110	2.00	1.87	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.24	112	2.00	1.42	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.67	111	6.00	1.04	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/30/2023	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	180	89.9	200	0.420	
DRO >C10-C28*	43.4	10.0	08/30/2023	ND	214	107	200	2.08	
EXT DRO >C28-C36	12.5	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	112	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	133	% 49.1-14	8						

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: FL 7 (H234698-07)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.85	92.6	2.00	3.23	
Toluene*	<0.050	0.050	08/31/2023	ND	2.16	108	2.00	1.39	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.22	111	2.00	2.94	QR-03
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.70	112	6.00	2.00	QR-03
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	08/30/2023	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	180	89.9	200	0.420	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	214	107	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	117	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	137	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: FL 8 (H234698-08)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.85	92.6	2.00	3.23	
Toluene*	<0.050	0.050	08/31/2023	ND	2.16	108	2.00	1.39	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.22	111	2.00	2.94	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.70	112	6.00	2.00	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	08/30/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/31/2023	ND	180	89.9	200	0.420	
DRO >C10-C28*	<10.0	10.0	08/31/2023	ND	214	107	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/31/2023	ND					
Surrogate: 1-Chlorooctane	118 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: FL 9 (H234698-09)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.85	92.6	2.00	3.23	
Toluene*	<0.050	0.050	08/31/2023	ND	2.16	108	2.00	1.39	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.22	111	2.00	2.94	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.70	112	6.00	2.00	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	08/30/2023	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/05/2023	ND	180	89.9	200	0.420	
DRO >C10-C28*	<10.0	10.0	09/05/2023	ND	214	107	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	09/05/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: FL 10 (H234698-10)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.85	92.6	2.00	3.23	
Toluene*	<0.050	0.050	08/31/2023	ND	2.16	108	2.00	1.39	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.22	111	2.00	2.94	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.70	112	6.00	2.00	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/30/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	178	89.1	200	0.377	
DRO >C10-C28*	12.7	10.0	08/30/2023	ND	190	95.1	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	103	48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: FL 11 (H234698-11)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.85	92.6	2.00	3.23	
Toluene*	<0.050	0.050	08/31/2023	ND	2.16	108	2.00	1.39	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.22	111	2.00	2.94	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.70	112	6.00	2.00	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/30/2023	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	178	89.1	200	0.377	
DRO >C10-C28*	23.0	10.0	08/30/2023	ND	190	95.1	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	95.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: FL 12 (H234698-12)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.85	92.6	2.00	3.23	
Toluene*	<0.050	0.050	08/31/2023	ND	2.16	108	2.00	1.39	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.22	111	2.00	2.94	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.70	112	6.00	2.00	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	08/30/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	178	89.1	200	0.377	
DRO >C10-C28*	17.2	10.0	08/30/2023	ND	190	95.1	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	90.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: FL 13 (H234698-13)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.85	92.6	2.00	3.23	
Toluene*	<0.050	0.050	08/31/2023	ND	2.16	108	2.00	1.39	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.22	111	2.00	2.94	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.70	112	6.00	2.00	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/30/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	178	89.1	200	0.377	
DRO >C10-C28*	12.0	10.0	08/30/2023	ND	190	95.1	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	94.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: FL 14 (H234698-14)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.85	92.6	2.00	3.23	
Toluene*	<0.050	0.050	08/31/2023	ND	2.16	108	2.00	1.39	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.22	111	2.00	2.94	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.70	112	6.00	2.00	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/30/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	178	89.1	200	0.377	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	190	95.1	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	85.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.1	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: FL 15 (H234698-15)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.85	92.6	2.00	3.23	
Toluene*	<0.050	0.050	08/31/2023	ND	2.16	108	2.00	1.39	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.22	111	2.00	2.94	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.70	112	6.00	2.00	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/30/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	178	89.1	200	0.377	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	190	95.1	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	98.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 :	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: FL 16 (H234698-16)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.85	92.6	2.00	3.23	
Toluene*	<0.050	0.050	08/31/2023	ND	2.16	108	2.00	1.39	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.22	111	2.00	2.94	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.70	112	6.00	2.00	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/30/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	178	89.1	200	0.377	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	190	95.1	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: FL 17 (H234698-17)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.85	92.6	2.00	3.23	
Toluene*	<0.050	0.050	08/31/2023	ND	2.16	108	2.00	1.39	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.22	111	2.00	2.94	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.70	112	6.00	2.00	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/30/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	178	89.1	200	0.377	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	190	95.1	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	106 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	49.1-14	8						

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Analytical Results For:

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: FL 18 (H234698-18)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.85	92.6	2.00	3.23	
Toluene*	<0.050	0.050	08/31/2023	ND	2.16	108	2.00	1.39	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.22	111	2.00	2.94	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.70	112	6.00	2.00	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	08/30/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	178	89.1	200	0.377	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	190	95.1	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: FL 19 (H234698-19)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.85	92.6	2.00	3.23	
Toluene*	<0.050	0.050	08/31/2023	ND	2.16	108	2.00	1.39	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.22	111	2.00	2.94	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.70	112	6.00	2.00	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/30/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	178	89.1	200	0.377	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	190	95.1	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	49.1-14	8						

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Analytical Results For:

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SW 1 (H234698-20)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.85	92.6	2.00	3.23	
Toluene*	<0.050	0.050	08/31/2023	ND	2.16	108	2.00	1.39	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.22	111	2.00	2.94	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.70	112	6.00	2.00	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/30/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	178	89.1	200	0.377	
DRO >C10-C28*	404	10.0	08/30/2023	ND	190	95.1	200	1.29	
EXT DRO >C28-C36	204	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.6	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SW 2 (H234698-21)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.85	92.6	2.00	3.23	
Toluene*	<0.050	0.050	08/31/2023	ND	2.16	108	2.00	1.39	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.22	111	2.00	2.94	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.70	112	6.00	2.00	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/30/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	178	89.1	200	0.377	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	190	95.1	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	81.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.5	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SW 3 (H234698-22)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.85	92.6	2.00	3.23	
Toluene*	<0.050	0.050	08/31/2023	ND	2.16	108	2.00	1.39	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.22	111	2.00	2.94	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.70	112	6.00	2.00	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/30/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	178	89.1	200	0.377	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	190	95.1	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	95.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SW 4 (H234698-23)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.85	92.6	2.00	3.23	
Toluene*	<0.050	0.050	08/31/2023	ND	2.16	108	2.00	1.39	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.22	111	2.00	2.94	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.70	112	6.00	2.00	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/30/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	178	89.1	200	0.377	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	190	95.1	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	98.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SW 5 (H234698-24)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.85	92.6	2.00	3.23	
Toluene*	<0.050	0.050	08/31/2023	ND	2.16	108	2.00	1.39	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.22	111	2.00	2.94	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.70	112	6.00	2.00	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1500	16.0	08/30/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	178	89.1	200	0.377	
DRO >C10-C28*	458	10.0	08/30/2023	ND	190	95.1	200	1.29	
EXT DRO >C28-C36	136	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SW 6 (H234698-25)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.85	92.6	2.00	3.23	
Toluene*	<0.050	0.050	08/31/2023	ND	2.16	108	2.00	1.39	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.22	111	2.00	2.94	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.70	112	6.00	2.00	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1580	16.0	08/30/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	178	89.1	200	0.377	
DRO >C10-C28*	321	10.0	08/30/2023	ND	190	95.1	200	1.29	
EXT DRO >C28-C36	94.7	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	97.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.5	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SW 7 (H234698-26)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.85	92.6	2.00	3.23	
Toluene*	<0.050	0.050	08/31/2023	ND	2.16	108	2.00	1.39	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.22	111	2.00	2.94	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.70	112	6.00	2.00	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1260	16.0	08/30/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	178	89.1	200	0.377	
DRO >C10-C28*	356	10.0	08/30/2023	ND	190	95.1	200	1.29	
EXT DRO >C28-C36	103	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SW 8 (H234698-27)

BTEX 8021B	mg,	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.84	92.0	2.00	1.09	
Toluene*	<0.050	0.050	08/31/2023	ND	1.76	88.2	2.00	1.56	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.83	91.5	2.00	0.441	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.52	92.1	6.00	0.0347	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/30/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	178	89.1	200	0.377	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	190	95.1	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	105	48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SW 9 (H234698-28)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.84	92.0	2.00	1.09	
Toluene*	<0.050	0.050	08/31/2023	ND	1.76	88.2	2.00	1.56	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.83	91.5	2.00	0.441	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.52	92.1	6.00	0.0347	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	08/30/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	178	89.1	200	0.377	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	190	95.1	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	106 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120 \$	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SW 10 (H234698-29)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.84	92.0	2.00	1.09	
Toluene*	<0.050	0.050	08/31/2023	ND	1.76	88.2	2.00	1.56	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.83	91.5	2.00	0.441	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.52	92.1	6.00	0.0347	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/30/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	178	89.1	200	0.377	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	190	95.1	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	98.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SW 11 (H234698-30)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.84	92.0	2.00	1.09	
Toluene*	<0.050	0.050	08/31/2023	ND	1.76	88.2	2.00	1.56	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.83	91.5	2.00	0.441	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.52	92.1	6.00	0.0347	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	08/30/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	194	96.8	200	10.2	
DRO >C10-C28*	11.7	10.0	08/30/2023	ND	196	97.9	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	94.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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Analytical Results For:

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

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: SW 12 (H234698-31)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.84	92.0	2.00	1.09	
Toluene*	<0.050	0.050	08/31/2023	ND	1.76	88.2	2.00	1.56	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.83	91.5	2.00	0.441	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.52	92.1	6.00	0.0347	
Total BTEX	<0.300	0.300	08/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/30/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	194	96.8	200	10.2	
DRO >C10-C28*	12.1	10.0	08/30/2023	ND	196	97.9	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					
Surrogate: 1-Chlorooctane	96.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

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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.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

† Cardinal cann	Sampler - UPS -	Delivered By: (Circle One)		Relinquished By:		Relinquished By:	analyses. All claims includin service. In no event shall Ca affiliates or successors arisin	DI FASE NOTE: I inhibition	6	000	2	6	5	4	0	e	-	1234698
Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476	- Bus - Other:	(Circle One)		'n		n	analyses. All claims including tocennayes, culcular is alonny allo clears sections encrosofy for any claim arking whether based in contract or fort, shall be fin analyses. All claims including tocen regigence and any other cause whatsoever shall be deemed waived unless made in writing and received by Caud service. In no event shall Cardinat be liable for incidential or consequential damages, including without limitation, business interruptions, loss of use, or loss afficiates or successors arking out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based unco any afficiates or successors arking out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based unco any	FL10	FL9	FL8	FL7	FL6	FL5	FL4	FL3	FL2	FL1	
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Received by OCD: 10/6/2023 6:52:40 AM

			BILL TO		ANALYSIS	SIS REQUEST
Address: PO Box 1058	inguez					_
City: Hobbs	State: NM	Zip: 88241	Attn: Kelton Beaird			
Phone #: 575 393-3386	Fax #:	-	ss: 104 S Pecos	St.		
Project #:	Project Owner:	: BTA Oil Producers, LLC	City: Midland			
Project Name: South Ridge Production Facility	duction Facility			-		
Project Location: UL/ E Sec 2	UL/ E Sec 2 T23S - R34E		Phone #: 432-312-2203			
Sampler Name: Bradley Wells	S	18.000	Fax #:			
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	NG		
	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER :	TMM Chloride TPH	BTEX 8021	
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2 FL2		C 1 X		-	-	
5 FL3		C 1 X		+	-	
4 FL4		C 1 X		-	-	
S FL5		C 1 X	X 8/29/23	-	-	
6 FL6		C 1 X	X 8/29/23	-	-	
		C 1 X	X 8/29/23	-	-	
S FL8		C 1 X	X 8/29/23			
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C T C T C T C X X S	and client's exclusive remedy for y other cause whatsoever shall be	C 1 X any claim arising whether based in contract or 1 elemed waived unless made in writing and re	act or tort, shall be limited to the amount paid by the and received by Cardinal within 30 days after compl	client for the elion of the applicable	×	
Infiliates or successors arising out of or related to the perfor Relinquished By:	Trance of services hereunder by Cardi Date 8 2423	Services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reason Date 8 2423 Received By:		or otherwise.	res No Add'l Phone #:	0 #:
	Time: 15:18	THIL TOWN	4		ON D	
Relinquished By:	Date: Tíme:	Received By:		Email results to:	pm@hungry-horse.com	Э
Delivered By: (Circle One)		Sample Condition	ION CHECKED BY:		กษะสแปเตมเสบแ.com	

Page 119 of 131

of 37

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Comment Klowe	- G	FAX (575) 3	393-2476							age
Company Name:		TC			BILL	. 10			ANAI YSIS REDITEST	Pa
an	r: Daniel Dominguez	lez			P.O. #:			_		-
ess:	PO Box 1058				Company BTA	BTA Oil Producers, LLC				_
City: Hobbs		State: NM	Zip:	88241	õ	aird	_			
Phone #: 575	575 393-3386	Fax #:			Address: 104 S Pecos St	Pecos St.				-
Project #:		Project Owner:		BTA Oil Producers, LLC	City: Midland					-
Project Name:	South Ridge Production Facility	tion Facility			State: TX Zip:	p: 79701				-
Project Location:	1: UL/ E Sec 2 T23S - R34E	3S - R34E			Phone #: 432-31	432-312-2203	_			-
Sampler Name:	Bradley Wells			7						-
FOR LAB USE ONLY			_	MATRIX	ESERV.	SAMPLING	-			-
			RS				_	0		
Lab I.D.	Sample I.D.	I.D.	B)RAB OR (C	ROUNDWAT ASTEWATE DIL LUDGE	THER : CID/BASE: E / COOL THER :		hloride PH	TEX 8021		
11	FL11		-	X	×	8/29/23	+	+		-
12	FL12		C 1	×		8/29/23	+	× >		-
13	FL13		C 1	×		8/29/23	+	+		-
14	FL14		C 1	×	X 8/2	8/29/23	-	-		-
15	FL15		C 1	×	X 8/2	8/29/23		-		
10	FL16		C 1	×	X 8/2	8/29/23	××	-		
11	FL17		C 1	×	X 8/2	8/29/23	-	-		
10	FL18		C 1	×	X 8/2	8/29/23	-	-		
11	FL19		C 1	×	X 8/2	8/29/23				
LEASE NOTE: Liability and Damages. Inalyses. All claims including those for r ervice. In no event shall Cardinal be liab ervice. In no event shall Cardinal be liab.	Cardinal's liability and c regligence and any othe ble for incidental or cons	ient's exclusive remedy cause whatsoever sha equental damages, inc	Cardinal's liability and client's exclusive remedy for any claim arising whether ngligence and any other cause whatsoever shall be deemed waived unless r lie for incidental or consequental damages, including without limitation, busin and the second se	lient's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for th r cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the equential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by clear, its subsidiaries	hall be limited to the amoun d by Cardinal within 30 days e, or loss of profits incurred	I unt paid by the client for the ys after completion of the appli of by client, its subsidiaries.	cable	-		
Relinquished By:		Date: 8 29 23	Ag 23 Received By:	- and similar a case	a upon any of the above stated reasons or otherwise Phone Ph	Phone Result:	sult: Ves	I No	Add'I Phone #:	
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Kelinguisned By:		Date: Time:	Received By:	d By:		Email r	Email results to:	pm@hungr	pm@hungry-horse.com	
Delivered By: ((Circle One)			Sample Condition	CHECKED BY:	Y		weall u@ptaoll.com		
Sampler - UPS -	Bus - Other:		1.3° #140	Cool Intact Yes Yes	(Initials)					
Cardinal cannot accept verbal changes. Please fax written changes to 575-303 3476				L NO L NO	- C-Y					

Page 120 of 131

CARDINAL Laboratories 101 East Marland, Hobbs, NM 8824

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 36 of 37

Company Name:	Hungry Horse LLC	LLC									1	1	1				1				
Project Manager:	Daniel Dominguez	uez									D	2		0	DILLIO		T	1		ANALYSIS REQUEST	
Address: PO B	PO Box 1058										C	0. #			DTA DI DAL						
City: Hobbs		State: NM		Zip:		88241	241				A	Attn:	Attn: Kel	to T	Kelton Beaird	ICEIS, LLC					
	575 393-3386	Fax #:									Ad	dre	SS:	10	So	St.					
Project #:		Project Owner:		BTA Oil Producers, LLC	Oil	Proc	duce	SIS, I	LC		City:	~	N.	Midland	nd						
Project Name: S	South Ridge Production Facility	ction Facility									Sta	te:	State: TX		Zip: 7970						
Project Location:	UL/ E Sec 2 T23S - R34E	3S - R34E									3	Phone #	#	43	432-312-2203						
Sampler Name:	Bradley Wells											+									
FOR LAB USE ONLY				4	-		1		MATON		Fax #:	7			1						
Lab I.D.	Sample I.D.	e I.D.		B OR (C)OMP	TAINERS	NDWATER	EWATER			BE	2 :	ASE:	OOL	ASE: OOL		č	ide		8021		
	SW1				-	-	WAS	SOIL	OIL	SLUD	OTHE	ACID/	ICE /	OTHE	DATE	TIME	Chlo	TPH	BTE)		
21 51	SW2			-	* - *	-	-	×	-	-			×		8/29/23		×	×	×		
\sim	SW3			0 0		-	-	× >	-	-	_		< >		8/29/23		×	×	×		
	SW4		-	-		-	-	×	-	-	_	_	× ;		2/10/12		< >	< >	< ×		
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BAAC 000	V10 VY			+	-	+	-	×	-	-	-	-	×		8/29/23		×	×	×		
LEASE NOTE: Liability and Dama Inalyses. All claims including those	d Damages. Cardinal's liability and c	C 1 C 1	for any claim	C 1	g whe	ther b	hased	incon	tract o	act or tort, shall	shall	e III	illed to	the a	8/29/23 amount paid by the c	fient for the	×	×	×		
ervice. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business made in writing and received by Cardinal within 30 days after completion of the applicable fiftiales or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	ardinal be liable for incidental or coming out of or related to the performance.	A cause wratsoever shall sequental damages, inclu ce of services hereunder	be deemed uding without by Cardinal,	t limitation, business regardless of wheth	d unid	usine: of whe	ade in ss inte	writin struptio	g and ons, lo ons, lo	ss of u base	use, a d upo	Cardi r loss n any	of pro of the	eceived by Cardinal within 30 ss of use, or loss of profits inc based upon any of the above	Ind received by Cardinal within 30 days after completion of the a loss of use, or loss of profits incurred by client, its subsidiaries is based upon any of the above stated reasons or otherwise.	tion of the applica ubsidiaries, otherwise.	ble				
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Page 121 of 131

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	11 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	8240 2476					
1 1	LC		BILL TO	_			ANALYSIS REOLIEST
an	Jez		P.O. #:				
es l			Company BTA Oil Producers,	ducers, LLC			
승	State: NM	Zip: 88241	of				
Phone #: 575 393-3386	Fax #:		18	s St.			
Project #:	Project Owner:	BTA Oil Producers, LLC	City: Midland				
Project Name: South Ridge Production Facility	tion Facility			01			
Project Location: UL/ E Sec 2 T23S - R34E	3S - R34E		#: 432-312	ü			
Sampler Name: Bradley Wells							
FOR LAB USE ONLY		ER R MATRIX	PRESERV. SAMPLING	ING			
Lab I.D. Sample I.D. <u>HZ344698</u>	I.D.	(G)RAB OR (C # CONTAINER GROUNDWAT WASTEWATE SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER : DATE	Time Chloride	ТРН	BTEX 8021	
		×	×	+	×	×E	
2/ SW12		C 1	X 8/29/23	×	×	×	
LEASE NOTE: Liability and Damages. Cardina's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the naivees. All claims including those for maligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal whith 30 days after completion of the applicable enrice. In no event shall Cardinal be liable for incidential or consequential damages, including through thinking, business interruptions, loss of use, or loss of profits incurred by client, its subaidianies, filliable or successors arising out of related to the performance of services horeautor horearise and under non-vention.	lient's exclusive remedy for any claim arising whether be r cause whatsoewer shall be deemed waived unless may equential damages, including without imitiation, business e of services hereunder be Crarinat reservices of values	claim arising whether based in contract or fort, shall be limited to remote waived unless made in willing and received by Cardinal without imitation, business interruptions, loss of use, or loss of pro- ruption consultance. A under the second s	, shall be limited to the amount paid by the wed by Cardinal within 30 days after com use, or loss of profits incurred by client,	unt paid by the client for the after completion of the applicable ed by client, its subsidiaries,		-	
veninquistied by:	Time: 15:14	Received By		Phone Result: Fax Result:	□ Yes	I I No	Add'l Phone #: Add'l Fax #:
telinquished By:	Date: Time:	Received By:		Email results	to: p	m@hungr	pm@hungry-horse.com
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	2 20,	Hulo Sample Condition	n CHECKED BY: (Initials)		~	kbeaird@btaoil.com	aoii.com
Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476		NO NO					

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September 18, 2023

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

RE: SOUTH RIDGE 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 accreditated through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

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

Received:	09/13/2023	Sampling Date:	09/12/2023
Reported:	09/18/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: FL 1 B - 1' (H234946-01)

BTEX 8021B	mg/	/kg	Analyze	d 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	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/14/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	09/13/2023	Sampling Date:	09/12/2023
Reported:	09/18/2023	Sampling Type:	Soil
Project Name:	SOUTH RIDGE PRODUCTION FACILITY	Sampling Condition:	Cool & Intact
Project Number:	BTA	Sample Received By:	Dionica Hinojos
Project Location:	UL / E SEC 2 T23S - R34E		

Sample ID: FL 2 B - 1' (H234946-02)

BTEX 8021B	mg	/kg	Analyze	d 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	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/14/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	91.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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Received by OCD: 10/6/2023 6:52:40 AM

(575) : Company Name: Hung Project Manager: Dani	(575) 393-2326 FAX (575) 393-2476 Hungry Horse LLC	476	BILL	10		ANALYSIS REQUEST	Page
×	a comigace		Company BTA Oi	BTA Oil Producers, LLC			
Sity: Hobbs	State: NM	Zip: 88241	₫	ď			
hone #: 575 393-3386	6 Fax #:		Address: 104 S Pecos	ecos St.			
Project #:	Project Owner:	BTA Oil Producers, LLC	City: Midland	-			_
roject Name: South Ric	South Ridge Production Facility		TX	Zip: 79701			
roject Location: UL/ E	UL/ E Sec 2 T23S - R34E		Phone #: 432-312-2203	2203			_
ampler Name: Bradi	Bradley Wells		Fax #:				_
FOR LAB USE ONLY		MATRIX	PRESERV.	SAMPLING			
	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL		TIME Chloride	TPH BTEX 8021		
-		×	×		-		
8 FL2b -		C 1	X 9/12/23				
View A of the second and contragres, customat a subling and client lyses. All claims including those for negligence and any other sec- lice. In no event shall Candinal be liable for incidential or consequent alles or successors arising out of or related to the parformance of the successors arising out of the successors arisin	Ce Se Cia	Jaim ansing whether based in contract or tort, shall be lim mmed waived unless made in writing and received by Card hout limitation, business interruptions, loss of use, or loss thout limitation, business interruptions, loss of use, or loss limal, regardless of whether such claim is based upon any	inted to the armour inal within 30 day of profits incurred of the above stat	It paid by the client for the s after completion of the applicable 1 by client, its subsidiaries, ad reasone or otherwise			L
arry And	Time: 14:32		2	Phone Result: Fax Result: REMARKS:	□ Yes □ No	Add'l Phone #: Add'l Fax #:	
finquisked By:	Date: Time:	Received By: /		Email results to:		pm@hungry-horse.com	
belivered Bv: (Circle One) ampler - UPS - Bus - Other	One) Other:	Sample Condition Cool Intact	dition CHECKED BY:)		kbeaird@btaoil.com	
Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476	verbal changes. Please fax v		No MAN	1.1	C #140		-

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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

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Incident IDnAPP2125728285District RPFacility IDApplication 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) nAPP2125728285
Contact mailing address: 104 S. Pecos St., Midland, TX 79701	

Location of Release Source

Latitude: 32.33268 Longitude: -103.44573

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: South Ridge Production Facility	Site Type: Production Facility
Date Release Discovered: 9/13/2021	API# (if applicable) Nearest well: South Ridge #001H API #30-025-46059

Unit Letter	Section	Township	Range	County
E	2	23S	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)

Crude Oil	Volume Released (bbls) 80 BBL	Volume Recovered (bbls) 70 BBL
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
🗌 Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
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 70 BO from inside the containment.

Calculation of spill volume attached.

	rm C-141 State of New Mexico		nAPP2125728285
ge 2	Oil Conservation Division	Incident ID District RP	
		Facility ID	
		Application ID	
		Application iD	
Was this a major	If YES, for what reason(s) does the responsible	party consider this a major release	?
release as defined by 19.15.29.7(A) NMAC?	The spill volume was greater than 25 BBI release.	., which the NMOCD Rules d	lefine as a major
🛛 Yes 🗌 No			
If VES was immediate n	otice given to the OCD? By whom? To whom?	When and by what means (phone	email etc)?
	se was filed online via the Permitting Portal		eman, etc)?
	Initial Doops		
	Initial Respo		
The responsible	party must undertake the following actions immediately unless	they could create a safety hazard that wo	uld result in injury
The source of the rel	ease has been stopped.		
	as been secured to protect human health and the en	vironment	
			ent devices
Released materials h	ave been contained via the use of berms or dikes, a	bsorbent pads, or other containm	ent devices.
Released materials h		bsorbent pads, or other containm	ent devices.
Released materials h All free liquids and r If all the actions describe Per 19.15.29.8 B. (4) NN has begun, please attach within a lined containme I hereby certify that the info regulations all operators are public health or the environ failed to adequately investig	ave been contained via the use of berms or dikes, a recoverable materials have been removed and mana	ation immediately after discovery have been successfully complete attach all information needed for my knowledge and understand that p is and perform corrective actions for es not relieve the operator of liability oundwater. surface water, human hea	of a release. If remediation ed or if the release occurred closure evaluation. ursuant to OCD rules and releases which may endanger should their operations have of the environment. In
Released materials h All free liquids and r If all the actions describe Per 19.15.29.8 B. (4) NM has begun, please attach within a lined containme I hereby certify that the info regulations all operators are public health or the environ failed to adequately investig addition. OCD acceptance of and/or regulations.	ave been contained via the use of berms or dikes, a recoverable materials have been removed and mana ed above have <u>not</u> been undertaken, explain why: MAC the responsible party may commence remedia a narrative of actions to date. If remedial efforts nt area (see 19.15.29.11(A)(5)(a) NMAC), please a prmation given above is true and complete to the best of e required to report and/or file certain release notification ment. The acceptance of a C-141 report by the OCD do gate and remediate contamination that pose a threat to gu of a C-141 report does not relieve the operator of respon	ation immediately after discovery have been successfully complete attach all information needed for my knowledge and understand that p is and perform corrective actions for es not relieve the operator of liability oundwater. surface water, human hea	of a release. If remediation ed or if the release occurred closure evaluation. ursuant to OCD rules and releases which may endanger should their operations have of the environment. In
Released materials h All free liquids and r If all the actions describe Per 19.15.29.8 B. (4) NM has begun, please attach within a lined containme I hereby certify that the info regulations all operators are public health or the environ failed to adequately investig addition, OCD acceptance of	ave been contained via the use of berms or dikes, a recoverable materials have been removed and mana ed above have <u>not</u> been undertaken, explain why: MAC the responsible party may commence remedia a narrative of actions to date. If remedial efforts nt area (see 19.15.29.11(A)(5)(a) NMAC), please a prmation given above is true and complete to the best of e required to report and/or file certain release notification ment. The acceptance of a C-141 report by the OCD do gate and remediate contamination that pose a threat to g of a C-141 report does not relieve the operator of respon	ation immediately after discovery have been successfully complete attach all information needed for my knowledge and understand that p is and perform corrective actions for es not relieve the operator of liability oundwater. surface water, human hea	of a release. If remediation ed or if the release occurred closure evaluation. ursuant to OCD rules and releases which may endanger should their operations have of the environment. In
Released materials h All free liquids and r If all the actions describe Per 19.15.29.8 B. (4) NM has begun, please attach within a lined containme I hereby certify that the info regulations all operators are public health or the environ failed to adequately investig addition, OCD acceptance of and/or regulations. Printed Name: Bob Ha l	ave been contained via the use of berms or dikes, a recoverable materials have been removed and mana ed above have <u>not</u> been undertaken, explain why: MAC the responsible party may commence remedia a narrative of actions to date. If remedial efforts nt area (see 19.15.29.11(A)(5)(a) NMAC), please permation given above is true and complete to the best of e required to report and/or file certain release notification ment. The acceptance of a C-141 report by the OCD do gate and remediate contamination that pose a threat to gu of a C-141 report does not relieve the operator of respon	ation immediately after discovery have been successfully complete attach all information needed for o my knowledge and understand that p is and perform corrective actions for es not relieve the operator of liability oundwater, surface water, human hea sibility for compliance with any other	of a release. If remediation ed or if the release occurred closure evaluation. ursuant to OCD rules and releases which may endanger should their operations have of the environment. In
Released materials h All free liquids and r If all the actions describe Per 19.15.29.8 B. (4) NM has begun, please attach within a lined containme I hereby certify that the info regulations all operators are public health or the environ failed to adequately investig addition, OCD acceptance of and/or regulations. Printed Name: Bob Hal Signature:	ave been contained via the use of berms or dikes, a recoverable materials have been removed and mana ed above have <u>not</u> been undertaken, explain why: MAC the responsible party may commence remedia a narrative of actions to date. If remedial efforts nt area (see 19.15.29.11(A)(5)(a) NMAC), please permation given above is true and complete to the best of e required to report and/or file certain release notification ment. The acceptance of a C-141 report by the OCD do gate and remediate contamination that pose a threat to gu of a C-141 report does not relieve the operator of respon	ation immediately after discovery have been successfully complete attach all information needed for o my knowledge and understand that p is and perform corrective actions for es not relieve the operator of liability oundwater, surface water, human hea sibility for compliance with any other	of a release. If remediation ed or if the release occurred closure evaluation. ursuant to OCD rules and releases which may endanger should their operations have of the environment. In
Released materials h All free liquids and r If all the actions described Per 19.15.29.8 B. (4) NN has begun, please attach within a lined containme I hereby certify that the infor regulations all operators are public health or the environ failed to adequately investig addition. OCD acceptance of and/or regulations. Printed Name: Bob Hal Signature:	ave been contained via the use of berms or dikes, a recoverable materials have been removed and mana ed above have <u>not</u> been undertaken, explain why: MAC the responsible party may commence remedia a narrative of actions to date. If remedial efforts nt area (see 19.15.29.11(A)(5)(a) NMAC), please permation given above is true and complete to the best of e required to report and/or file certain release notification ment. The acceptance of a C-141 report by the OCD do gate and remediate contamination that pose a threat to gu of a C-141 report does not relieve the operator of respon	ation immediately after discovery have been successfully complete attach all information needed for o my knowledge and understand that p is and perform corrective actions for es not relieve the operator of liability oundwater, surface water, human hea sibility for compliance with any other	of a release. If remediation ed or if the release occurred closure evaluation. ursuant to OCD rules and releases which may endanger should their operations have of the environment. In

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

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

District III

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

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

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

CONDITIONS

Operator:	OGRID:
BTA OIL PRODUCERS, LLC	260297
104 S Pecos	Action Number:
Midland, TX 79701	273074
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By Condition Condition Date Earthen containment at South Ridge Production Facility delineated by sample ID's SP1 through SP6 approved for deferral. Site will need to be remediated and 2/5/2024 scwells then reclaimed at time of a major facility deconstruction or at plugging and abandonment, whichever comes first.

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Action 273074