

Remediation Summary and Closure Request

Riley Permian

Montana Junction Riser

Roosevelt County, New Mexico

Unit Letter "O", Section 31, Township 8 South, Range 34 East

Latitude 33.571416 North, Longitude 103.500598 West

NMOCD Incident # nAPP2216659830

Prepared For:

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Prepared By:

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August 2022

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Table Of Contents

NMOCD Form C-141 Closure Page	
Background	1
NMOCD Site Classification	1
Delineation and Remediation Activities	2
Restoration, Reclamation, and Re-Vegetation	3
Closure Request	3
Limitations	4
Distribution	5

Figures

Figure 1 – Topographic Map
Figure 2 – OSE POD Locations Map
Figure 3 – USGS Well Locations Map
Figure 4 – Delineation Sample Map
Figure 5 – Excavation Closure Sample Map
Figure 6 – Sidewall Closure Sample Map

Tables

Table 1 – Summary of Soil Sample Laboratory Analytical Results

Attachments

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

<u>Page 3 of 3</u>17

Incident ID nAPP2216659830

District RP
Facility ID
Application ID

Closure

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

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

Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection) Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling) Description of remediation activities I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of lability should their operations have failed to adequately investigate and remediate contamination that pose at threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. Printed Name: Ben Olszewski	A scaled site and sampling diagram as described in 19.15.29.11	NMAC
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. Printed Name: Ben Olszewski Title: EH&S Manager Date: 9/1/2022 email: benolszewski@rileypermin.com Telephone: 405-415-8927 Date: Date:		f the liner integrity if applicable (Note: appropriate OCD District office
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. Printed Name: Ben Olszewski Title: EH&S Manager Date: 9/1/2022 email: _benolszewski@rileypermin.com Telephone: _405-415-8927 OCD Only Received by: Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	☐ Laboratory analyses of final sampling (Note: appropriate ODC)	District office must be notified 2 days prior to final sampling)
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Received by: Date: Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of a should their operations have failed to adequately investigate and reme human health or the environment. In addition, OCD acceptance of a compliance with any other federal, state, or local laws and/or regulati restore, reclaim, and re-vegetate the impacted surface area to the concacordance with 19.15.29.13 NMAC including notification to the OC Printed Name: _Ben Olszewski	release notifications and perform corrective actions for releases which C-141 report by the OCD does not relieve the operator of liability ediate contamination that pose a threat to groundwater, surface water, C-141 report does not relieve the operator of responsibility for ons. The responsible party acknowledges they must substantially ditions that existed prior to the release or their final land use in D when reclamation and re-vegetation are complete. Title: _EH&S Manager Date: _9/1/2022
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remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	Received by:	Date:
Closure Approved by:	remediate contamination that poses a threat to groundwater, surface was	ater, human health, or the environment nor does not relieve the responsible
Printed Name: Jennifer Nobui Title:Environmental Specialist A	Closure Approved by:	Date: 09/08/2022
	Printed Name:Jennifer Nobui	Title:Environmental Specialist A

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

Background:

The site is located in Unit Letter O (SW/SE), Section 31, Township 8 South, Range 34 East, approximately 24 miles Northwest of Tatum, in Roosevelt County, New Mexico. The property is privately owned. Topographic Map, OSE POD Locations Map, and USGS Well Locations Map are included as Figure 1, Figure 2, and Figure 3, respectively.

The release occurred on an active pipeline; Latitude 33.571416 North, Longitude 103.500598 West. The Initial NMOCD Form C-141 indicated that on June 14, 2022 approximately 85.25 bbls of produced water were released due to corrosion on the bottom of the pipeline. A crew was dispatched to the release site and the line was repaired. A vacuum truck was dispatched to the location and approximately 10 bbls of fluid were recovered. Previously submitted pages of the NMOCD Form C-141 are available on the NMOCD Imaging System. NMOCD Form Initial C-141 is also included as Attachment 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.

One water well was located within a half mile of the release area, however, this well was not listed during a search of the NMOSE or USGS databases. The NMOCD requested the depth to water be gauged and documented with georeferenced photographs. On July 7, 2022, the well was gauged and depth to water determined to be approximately 140 feet bgs. Utilizing this information, the NMOCD Closure Criteria for the Site were determined as follows:

Depth to Groundwater	Constituent	Method	Limit
	Chloride	EPA 300.0 or SM4500 CLB	20,000 mg/kg
	TPH (GRO + DRO + MRO)	EPA SW-846 Method 8015M Ext	2,500 mg/kg
~140	GRO + DRO	EPA SW-846 Method 8015M Ext	1,000 mg/kg
	BTEX	EPA SW-846 Methods 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Methods 8021B or 8260B	10 mg/kg



Delineation and Remediation Activities:

On June 15, 16 and July 7, 2022, Hungry Horse conducted an initial site assessment and a series of sampling events. During the sampling events, sample test trenches were advanced in the release area in an effort to determine the vertical extent of contamination. These sample locations are identified by SP designation. In addition, sample test trenches were advanced along the outside edges of the release area in an effort to determine the horizontal extent of contamination. These sample locations are identified by HZ designation. During the advancement of the test trenches, 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, twenty-nine representative soil samples were selected for laboratory analysis. Delineation soil samples SP1 through SP9, HZ1 through HZ5, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples, with the exception of SP1 through SP9 at Surface, which exhibited TPH and/or chloride concentrations in excess of the NMOCD Closure Criteria.

From June 20 – July 13, 2022, the release area was excavated to approximately four and a half feet bgs. Soil impacted above the NMOCD Closure Criteria was excavated and stockpiled on site, within the release area, before transport to an NMOCD approved disposal facility.

On July 15, 2022, one hundred thirty-six 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 FL119 and SW1 through SW17, 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 excavation floor samples FL2 – FL7, FL9 – FL11, FL13, FL16, FL18 – FL20, FL24, FL27 – FL32, FL34 – FL37, FL41 – FL46, FL49 – FL51, FL53 – FL56, FL58 – FL60, FL63 – FL67, FL82, FL83, FL90, FL97, and FL98, which exhibited chloride concentrations in excess of the NMOCD Closure Criteria of 20,000 mg/kg below four feet bgs.

On July 29, 2022, the 200 square foot sample areas in excess of NMOCD Closure Criteria were excavated approximately six inches bgs and re-sampled. Fifty-one composite confirmation soil samples were then collected from the excavation floor. Soil samples FL2A – FL7A, FL9A – FL11A, FL13A, FL16A, FL18A – FL20A, FL24A, FL27A – FL32A, FL34A – FL37A, FL41A – FL46A, FL49A – FL51A, FL53A – FL56A, FL58A – FL60A, FL63A – FL67A, FL82A, FL83A, FL90A, FL97A, and FL98A, 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 FL4A, FL6A, FL9A, FL11A, FL16A, FL19A, FL24A,



and FL28A, which exhibited chloride concentrations in excess of the NMOCD Closure Criteria of 20,000 mg/kg below four feet bgs.

On August 10, 2022, the 200 square foot sample areas still in excess of NMOCD Closure Criteria were further excavated approximately six inches bgs and re-sampled. Eight composite confirmation soil samples were then collected from the excavation floor. Soil samples FL4B, FL6B, FL9B, FL11B, FL16B, FL19B, FL24B, and FL28B, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria of 20,000 mg/kg below four feet bgs in each of the submitted samples.

The excavated area measured approximately two hundred feet in length, one hundred-fifty feet in width, and four and a half to five and a half feet in depth. During remediation activities approximately 5,180 cubic yards of impacted soil were excavated and hauled to an NMOCD approved disposal facility. Manifests can be provided upon request.

A Delineation Sample Map, Excavation Closure Sample Map, and Sidewall Closure Sample Map are provided as Figure 4, Figure 5, and Figure 6, respectively. A Summary of Soil Sample Laboratory Analytical Results is provided as Table 1 and Laboratory Analytical Reports are provided as Attachment VI.

Restoration, Reclamation, and Re-Vegetation:

Based upon laboratory analytical results from confirmation soil samples, the excavated area was backfilled with locally sourced, clean, non-impacted material. The area was contoured to achieve erosion control and preserve surface water flow. The affected area will be reseeded with an approved seed mixture during the first favorable growing season following these completed remediation activities.

Closure Request:

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

Based on laboratory analytical results, Riley Permian respectfully requests closure of the Montana Junction Riser location, nAPP2216659830.



Limitations:

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



Distribution:

Riley Permian

29 E. Reno Ave., Suite 500 Oklahoma City, OK 73104

New Mexico Energy, Minerals and Natural Resources Department

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

Kizer Ranch

PO Box 75 Causey, NM 88113

Figures



Riley Permian Montana Junction Riser GPS: 33.571416, -103.500598 **Roosevelt County**

Watson Well - Water at ~144 feet bgs

Drafted: Checked: bw 6/17/22 Date:



Received by OCD: 9/1/2022 12:34:33 PM

Page 12 of 317



Figure 3

USGS Well Locations Map Riley Permian Montana Junction Riser GPS: 33.571416, -103.500598 Roosevelt County Legend:

Montana Junction Riser Location

₩ Watson Well - Water at ~144 feet bgs

Drafted: dd Checked: bw Date: 6/17/22



Checked: bw

Date:

6/17/22

Released to Imaging: 9/8/2022 1:59:32 PM

GPS: 33.571416, -103.500598

Roosevelt County

Riley Permian Montana Junction Riser GPS: 33.571416, -103.500598 **Roosevelt County**

Composite Confirmation Sample Location

Drafted: Checked: bw 8/9/22 Date:



Sidewall Closure Sample Map Riley Permian Montana Junction Riser GPS: 33.571416, -103.500598 **Roosevelt County**

Excavated Area

SW1 Composite Confirmation Sample Location

Drafted: dd Checked: bw

7/15/22 Date:



Table

TABLE 1

Summary of Soil Sample Laboratory Analytical Results

Riley Permian

Montana Junction Riser

NMOCD Ref. #: nAPP2216659830

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)
	6/16/22	Surf	Excavated	<0.050	<0.300	<10.0	98.4	98.4	23.9	122.3	28,400
SP1	6/16/22	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	688
	7/7/22	9	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	704
SP2	6/16/22	Surf	Excavated	<0.050	<0.300	<10.0	618	618	190	808	34,800
3F2	7/7/22	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	576
SP3	6/16/22	Surf	Excavated	<0.050	<0.300	<10.0	83.2	83.2	26.2	109.4	32,000
353	7/7/22	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	624
SP4	6/16/22	Surf	Excavated	<0.050	<0.300	<10.0	1,670	1,670	497	2,167	18,600
3F4	7/7/22	9	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	608
CDE	6/16/22	Surf	Excavated	<0.050	<0.300	<10.0	192	192	50.7	242.7	28,000
SP5	7/7/22	9	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SP6	6/16/22	Surf	Excavated	<0.050	3.32	<100	7140	7,140	1,890	9,030	26,000
340	7/7/22	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	672
SP7	6/16/22	Surf	Excavated	<0.050	4.86	133	16,300	16,433	5,040	21,473	49,200
3F7	7/7/22	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
SP8	6/16/22	Surf	Excavated	<0.050	<0.300	<10.0	163	163	46.4	209.4	47,200
376	7/7/22	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
SP9	6/16/22	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32,000
319	7/7/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
HZ1	6/15/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
1121	6/15/22	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
HZ2	6/15/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
1122	6/15/22	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
HZ3	6/15/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
1123	6/15/22	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ4	6/15/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
1124	6/15/22	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ5	6/15/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
1123	6/15/22	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NMOCD (Closure Crite	ria		10	50	-	-	1,000	-	2,500	20,000

TABLE 1 Summary of Soil Sample Laboratory Analytical Results Riley Permian

Montana Junction Riser

NMOCD Ref. #: nAPP2216659830

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	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	18,300
FL2	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	22,200
FL2A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	14,400
FL3	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	25,200
FL3A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,680
FL4	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	23,800
FL4A	7/29/22	5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	20,400
FL4B	8/10/22	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,700
FL5	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	22,400
FL5A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	944
FL6	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	26,600
FL6A	7/29/22	5 5.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	20,400
FL6B FL7	8/10/22 7/15/22	4.5	In-Situ Excavated	<0.050	<0.300	<10.0 <10.0	<10.0 <10.0	<20.0 <20.0	<10.0 <10.0	<30.0 <30.0	10,500 29,200
FL7A	7/13/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,800
FL8	7/23/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	18,800
FL9	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	35.9	35.9	10.1	46.0	28,400
FL9A	7/29/22	5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	23,200
FL9B	8/10/22	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,080
FL10	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	16.1	<20.0	<10.0	<30.0	24,000
FL10A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,310
FL11	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	36.8	36.8	<10.0	36.8	22,400
FL11A	7/29/22	5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	27,600
FL11B	8/10/22	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,720
FL12	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	29.7	29.7	12.4	42.1	18,000
FL13	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	13.3	<20.0	<10.0	<30.0	26,600
FL13A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	11,000
FL14	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	14,400
FL15	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	19,600
FL16	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	23,200
FL16A	7/29/22	5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32,800
FL16B	8/10/22	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,110
FL17	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	19,600
FL18	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	17.5	<20.0	<10.0	<30.0	29,200
FL18A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,400
FL19	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	15.4	<20.0	<10.0	<30.0	23,200
FL19A	7/29/22	5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	35,600
FL19B	8/10/22	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,050
FL20	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	13.7	<20.0	<10.0	<30.0	21,600
FL20A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,160
FL21	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,600
FL22	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,000
FL23	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	15,000
NMOCD (Closure Crite	rıa		10	50	-	-	1,000	-	2,500	20,000

NOTES:

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^{- =} Sample not analyzed for that constituent.

TABLE 1

Summary of Soil Sample Laboratory Analytical Results

Riley Permian

Montana Junction Riser

NMOCD Ref. #: nAPP2216659830

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)
FL24	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	18.3	<20.0	<10.0	<30.0	20,400
FL24A	7/29/22	5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	39,200
FL24B	8/10/22	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,000
FL25	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,800
FL26	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,860
FL27	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	85.6	85.6	34.1	119.7	32,800
FL27A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,760
FL28	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	23.6	23.6	<10.0	<30.0	30,000
FL28A	7/29/22	5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	30,400
FL28B	8/10/22	5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,840
FL29	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	16.9	<20.0	<10.0	<30.0	27,600
FL29A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,240
FL30	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	14.2	<20.0	<10.0	<30.0	22,000
FL30A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	11,200
FL31	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	15.0	<20.0	<10.0	<30.0	24,400
FL31A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,000
FL32	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	47,600
FL32A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,000
FL33	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	19,200
FL34	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	29,600
FL34A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,000
FL35	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	30,800
FL35A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,960
FL36	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	12.6	<20.0	<10.0	<30.0	29,200
FL39A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,930
FL37	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	20,000
FL37A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,840
FL38	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	11.1	<20.0	<10.0	<30.0	18,800
FL39	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	15,200
FL40	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	15,000
FL41 FL41A	7/15/22 7/29/22	4.5 5	Excavated In-Situ	<0.050 <0.050	<0.300	<10.0 <10.0	<10.0 <10.0	<20.0 <20.0	<10.0 <10.0	<30.0	21,600 752
FL41A FL42	7/29/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	23,200
FL42 FL42A	7/15/22	4.5 5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,400
FL42A FL43	7/29/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	29,600
FL43A	7/13/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	14,800
FL43A FL44	7/29/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32,000
FL44 FL44A	7/13/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,800
FL44A	7/25/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	20,000
FL45A	7/13/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,040
FL46	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	11.3	<20.0	<10.0	<30.0	20,400
FL46A	7/13/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,930
FL47	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16,000
	Closure Crite		III Situ	10	50	-	-	1,000	_ \10.0	2,500	20,000

NOTES:

^{- =} Sample not analyzed for that constituent.

TABLE 1 Summary of Soil Sample Laboratory Analytical Results Riley Permian

Montana Junction Riser

NMOCD Ref. #: nAPP2216659830

NMOCD Ret. #: nAPP2216659830											
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)
FL48	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	14,000
FL49	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	38,800
FL49A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	17,200
FL50	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	42,000
FL50A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	13,600
FL51	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	28.5	28.5	<10.0	<30.0	28,800
FL51A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,400
FL52	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	68.7	68.7	15.8	84.5	880
FL53	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	106	106	17.7	123.7	24,400
FL53A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	15,000
FL54	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	26,400
FL54A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,160
FL55	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	25,600
FL55A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	14,400
FL56	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	40,400
FL56A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16,400
FL57	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	19,200
FL58	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	22,800
FL58A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,600
FL59	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	28,800
FL59A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,640
FL60	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	17.1	<20.0	<10.0	<30.0	26,400
FL60A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,330
FL61	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	40.7	40.7	11.5	52.2	19,000
FL62	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	18,800
FL63	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	23,600
FL63A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,600
FL64	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	23,200
FL64A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,800
FL65	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	12.6	<20.0	<10.0	<30.0	24,400
FL65A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,130
FL66	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	20,000
FL66A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,960
FL67	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	24,000
FL67A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,000
FL68	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	14,400
FL69	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	13,600
FL70	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	11,200
FL71	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,600
FL72	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	13,600
FL73	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	13,800
FL74	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	13,600
FL75	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,800
l	Closure Crite			10	50	-	-	1,000		2,500	20,000

NOTES:

^{- =} Sample not analyzed for that constituent.

TABLE 1 Summary of Soil Sample Laboratory Analytical Results Riley Permian

Montana Junction Riser

NMOCD Ref. #: nAPP2216659830

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)
FL76	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,600
FL77	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	11,000
FL78	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,200
FL79	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	11,800
FL80	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	13,800
FL81	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	14,400
FL82	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	22,200
FL82A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	18,800
FL83	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	21,000
FL83A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	11,000
FL84	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	18,200
FL85	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,800
FL86	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	14,200
FL87	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,600
FL88	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,000
FL89	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	18,600
FL90	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	39,200
FL90A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,260
FL91	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,400
FL92	7/15/22	4.5 4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	18,800
FL93 FL94	7/15/22 7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0 <10.0	<10.0 <10.0	<20.0 <20.0	<10.0 <10.0	<30.0 <30.0	13,600
FL94 FL95	7/15/22	4.5	In-Situ In-Situ	<0.050 <0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,600 14,800
FL95	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	14,600
FL97	7/15/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	24,400
FL97A	7/13/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,800
FL98	7/25/22	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	22,400
FL98A	7/29/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,800
FL99	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	18,000
FL100	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,600
FL101	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	18,600
FL102	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,800
FL103	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,200
FL104	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,200
FL105	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	11,200
FL106	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,800
FL107	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16,200
FL108	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,560
FL109	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,600
FL110	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	13,400
FL111	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,000
FL112	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,800
FL113	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,200
NMOCD (Closure Crite	ria		10	50	-	-	1,000	-	2,500	20,000

NOTES:

^{- =} Sample not analyzed for that constituent.

TABLE 1 Summary of Soil Sample Laboratory Analytical Results

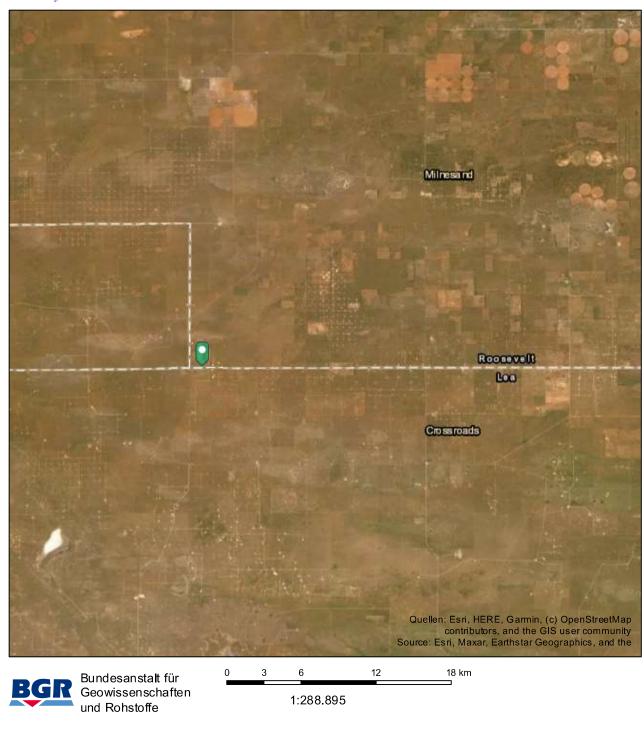
Riley Permian Montana Junction Riser

NMOCD Ref. #: nAPP2216659830

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)
FL114	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,800
FL115	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,400
FL116	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,800
FL117	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,000
FL118	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,600
FL119	7/15/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,800
SW1	7/15/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SW2	7/15/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
SW3	7/15/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
SW4	7/15/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
SW5	7/15/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
SW6	7/15/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW7	7/15/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW8	7/15/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW9	7/15/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW10	7/15/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW11	7/15/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
SW12	7/15/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
SW13	7/15/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW14	7/15/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW15	7/15/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW16	7/15/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW17	7/15/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NMOCD (Closure Crite	ria		10	50	-	-	1,000	-	2,500	20,000

Attachment I Karst and Wetland Maps

Received by OCD: 9/1/2022 12:34:33 PM



Karst springs

Spring with low

flow discharge ≥ 2 m³/s

Spring with low flow discharge

 $< 2 \text{ m}^3/\text{s}$ Submarine

spring

Thermal spring

Water

abstraction structure in karst aquifer

Ω Cave systems

Border between exposed and

non-exposed karstifiable rocks

Selected city,

partly dependent on groundwater

Boundary of continuous permafrost

Continuous ice sheet

Karstifiable rocks (potential karst aquifer)

Continuous carbonate rocks

Koordinatensystem: WGS 1984 Web Datum: WGS 1984

Mercator Auxiliary Sphere

Projektion: Mercator Auxiliary Sphere

Discontinuous carbonate rocks

Continuous evaporite rocks

Discontinuous evaporite rocks

Mixed carbonate and evaporite rocks

Exportdatum: 22.08.2022

U.S. Fish and Wildlife Service National Wetlands Inventory

Wetlands



August 22, 2022





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.

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

Attachment II NMOCD Correspondence

From: Nobui, Jennifer, EMNRD < Jennifer.Nobui@state.nm.us>

Sent: Wednesday, July 13, 2022 10:07 AM

To: Daniel Dominguez

Cc: Bratcher, Mike, EMNRD; Hamlet, Robert, EMNRD; Harimon, Jocelyn, EMNRD

Subject: FW: [EXTERNAL] Closure Samples

Daniel

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

Thanks

Jennifer Nobui

From: Enviro, OCD, EMNRD < OCD. Enviro@state.nm.us>

Sent: Wednesday, July 13, 2022 9:20 AM

To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Velez, Nelson,

EMNRD <Nelson.Velez@state.nm.us> **Subject:** Fw: [EXTERNAL] Closure Samples

From: Daniel Dominguez < ddominguez@hungry-horse.com>

Sent: Wednesday, July 13, 2022 7:17 AM

To: Enviro, OCD, EMNRD < OCD. Enviro@state.nm.us >

Subject: [EXTERNAL] Closure Samples

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

We will be collecting closure samples at the Montana Junction Riser (nAPP2216659830) on Friday, July 15, 2022 at 7 am. This is our 48 hour notice.

Thank you,

Daniel Dominguez Environmental Manager Hungry Horse, LLC (mobile) 575-408-3134

ddominguez@hungry-horse.com

From: Nobui, Jennifer, EMNRD < Jennifer.Nobui@state.nm.us>

Sent: Wednesday, July 27, 2022 8:13 AM

To: Daniel Dominguez

Cc: Bratcher, Mike, EMNRD; Hamlet, Robert, EMNRD; Harimon, Jocelyn, EMNRD

Subject: FW: [EXTERNAL] Closure Sampling

Daniel

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

Thanks,

Jennifer Nobui

From: Enviro, OCD, EMNRD < OCD. Enviro@state.nm.us>

Sent: Wednesday, July 27, 2022 8:04 AM

To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>; Velez, Nelson,

EMNRD <Nelson.Velez@state.nm.us> **Subject:** Fw: [EXTERNAL] Closure Sampling

From: Daniel Dominguez < ddominguez@hungry-horse.com>

Sent: Wednesday, July 27, 2022 6:38 AM

To: Enviro, OCD, EMNRD < OCD. Enviro@state.nm.us >

Subject: [EXTERNAL] Closure Sampling

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

We will be collecting additional closure samples at the Montana Junction Riser (nAPP2216659830) on Friday, July 29, 2022 at 7 am.

This is our 48 hour notice.

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

From: Nobui, Jennifer, EMNRD < Jennifer.Nobui@state.nm.us>

Sent: Monday, August 8, 2022 11:56 AM

To: Daniel Dominguez

Cc: Bratcher, Mike, EMNRD; Hamlet, Robert, EMNRD; Harimon, Jocelyn, EMNRD

Subject: FW: [EXTERNAL] Closure Samples

Daniel

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

Thanks,

Jennifer Nobui

From: Enviro, OCD, EMNRD < OCD. Enviro@state.nm.us>

Sent: Monday, August 8, 2022 11:15 AM

To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Velez, Nelson,

EMNRD <Nelson.Velez@state.nm.us>
Subject: Fw: [EXTERNAL] Closure Samples

From: Daniel Dominguez < ddominguez@hungry-horse.com >

Sent: Monday, August 8, 2022 11:14 AM

To: Enviro, OCD, EMNRD < OCD. Enviro@state.nm.us >

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 Montana Junction Riser (nAPP2216659830) on Wednesday, August 10, 2022 at 7 am.

This is our 48 hour notice.

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

From: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>

Sent: Friday, July 1, 2022 3:17 PM

To: Daniel Dominguez; Bolton, Eugene, EMNRD

Cc: Hamlet, Robert, EMNRD

Subject: RE: [EXTERNAL] windmill well gauge

Daniel,

Best way I can think of if it is not listed on any of the data bases is to take a geo-tagged photo of the well with your water probe in it

Thanks,

Mike Bratcher ● Incident Supervisor Environmental Bureau EMNRD - Oil Conservation Division 506 W. Texas Ave | Artesia, NM 88210 (575) 626-0857 | mike.bratcher@state.nm.us http://www.emnrd.state.nm.us/OCD/



From: Daniel Dominguez <ddominguez@hungry-horse.com>

Sent: Wednesday, June 29, 2022 9:23 AM

To: Bolton, Eugene, EMNRD < Eugene. Bolton@state.nm.us>

Cc: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>

Subject: [EXTERNAL] windmill well gauge

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

Mr. Bolton,

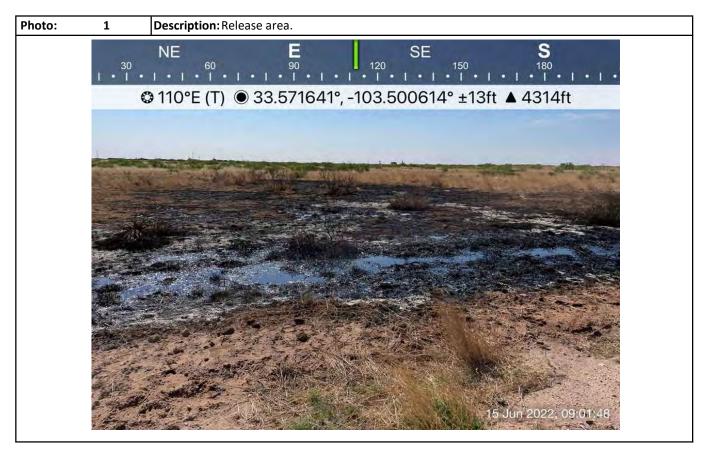
We need to gauge a windmill approximately .41 miles from the Riley Permian Montana Junction Riser remediation location. How do we prove the depth of the well?

The well doesn't show up on the NMOSE or USGS databases.

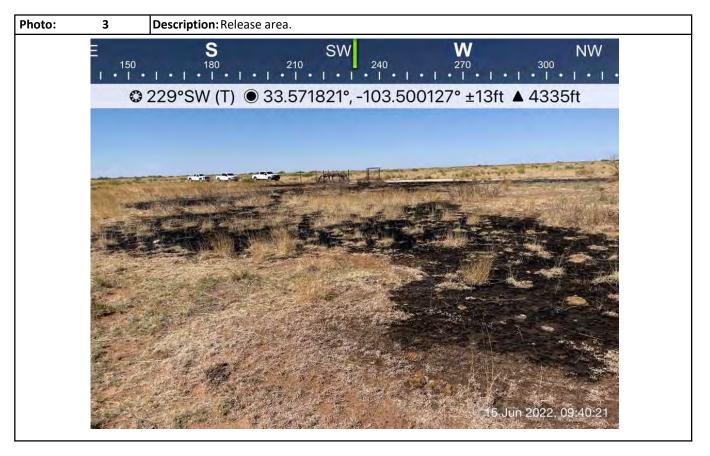
Respectfully,

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

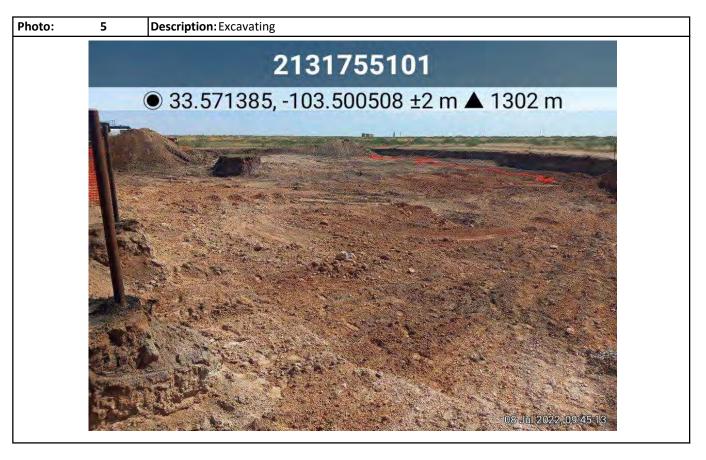
Attachment III Site Photographs







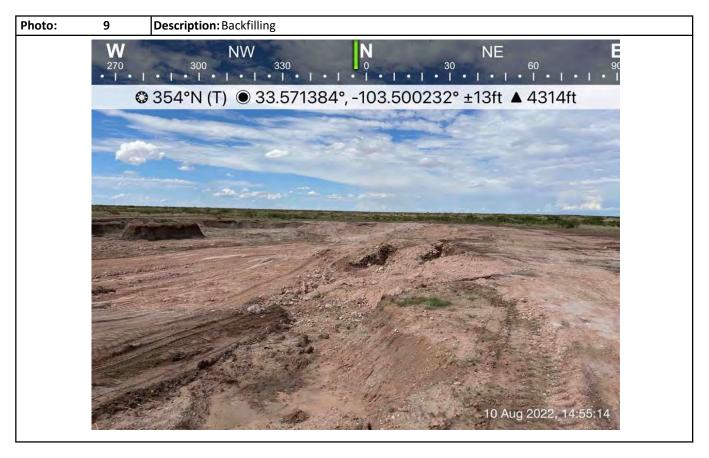


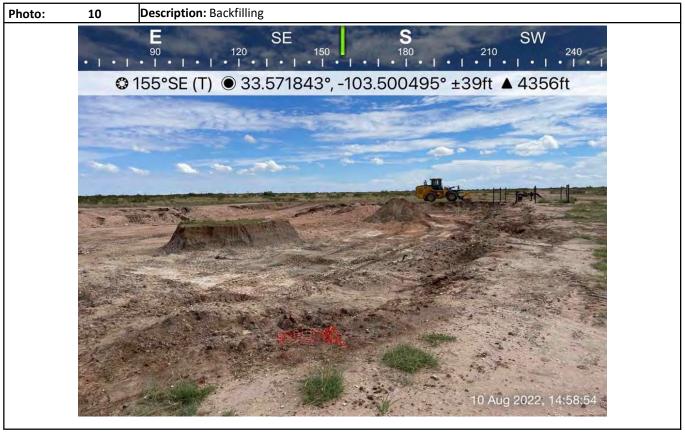


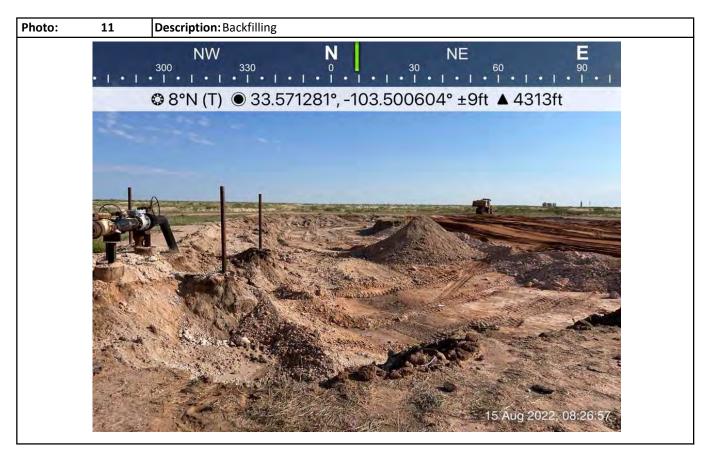






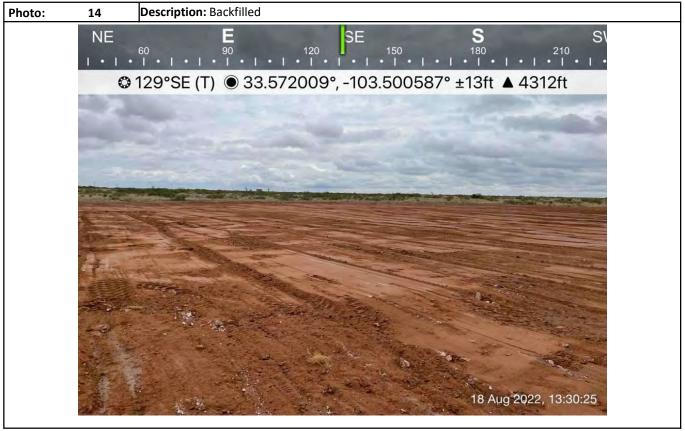
















Attachment IV Depth to Groundwater



New Mexico Office of the State Engineer

Wells with Well Log Information

No wells found.

UTMNAD83 Radius Search (in meters):

Easting (X): 639164.24 **Northing (Y):** 3715644.11 **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 any particular purpose of the data.

8/24/22 2:26 PM WELLS WITH WELL LOG INFORMATION





Attachment V Field Data

Samp	le Log	
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Project: Kizer Riser

Latitude: 33.571416

Date: 6/15/22
Sampler: 4. Well5

Sample ID	Depth	PID/Odor	Chloride	GPS
1/2-1	surf	NA	20=45x4=180	
1/2/	11	NA	2.0=45x4=180 1.8=38x4=152	
./- 0			\\\	
HZZ HZZ	Sui F	WIA	>100	
HZZ	L	WIA	1.9=38×4=152	
423	SUCF	1/14	7100	
H23 1+23	1'	NIA	>100	
HZ61	Sucf	WIA	3.0=88×4=352 >100	
HZ4	1'	WIA	>100	
1120	Cu. C	ulh	24-10-11-211	
H25	Suc F	WA	2.4=60×4=240 2.6=69×4=276	
425		NA	2.6-6144-210	
		1		
	_			
		V1		

Longitude: -103.500598

Sample Point = SP1 @ ## etc

Floor = FL1 etc

Sidewall = SW1 etc

Horizontal = HZ1 etc

Refusal = SP1 @ 4'-R

GPS Sample Points, Center of Comp Areas

Test Trench = TT1 @ ##

Resamples= SP1b @ 5' or SW #1b

Sample Log

Hungry Horse, LLC

Project: Montana Junction Riser

Date: 6/16/22
Sampler: Jorge / Bradley Wells Latitude: 33.571416 Longitude: -103.500598

Sample ID	Depth	PID/Odor	Chloride	GPS
50(Sur	TOLL	8.0H=3517×4=14068	lab
501	l.	TPH	8.6H = 4479x4 = 17916	
591	2'	JPH	8.6H=4479X4=17916	
501	21	possible	7.4H= 2705x4=10820	
501	41	nia	8.0H=3517×4=14068	
501	s'	na	7.7 H=2492 x4= 9968	
SPI	6'	n/a	5.8H =1443×4=5772	
501	7'	n/a	3.8 = 173 x 4 = 532	
591	8'	n/a	3.4 = CD1 X 4 = 436	lab
5/2 5/2	sur	TPH	8,2H = 3870 X4 = 15480	lal
502	· l'	TPH	8.2H=3870x4=13480	
SP2	2'	teh	8.661 = 4479x4=17916	
5/2	3'	TPH	8.6H= 4479 x4= 17916	
5P2	ul	na	8.6H=4479 x4=17916	
5/2	5'	na	9.6H=4479 x4 217916	
502	6	n/a	8.04= 3517 x4= 14068	
SPZ	7'	u/a	7,8H= 3212×4=12848	
503	5N+ A	Tell	8.6H=4470×4=17016'	106
5/3	l'	TOH	9.64=4479 84=17916	J.S.
503	21	TeH	8614=447924=17966	
583	3'	4 PH	7.84 = 3212 x4 = 12848	
503	4'	11/4	8.74 =3870 x4=15480	
503	5	1/4	8.2H-3870X4215480	
503	6	na	8.8H=5341X4=21564	
503	7	n/u	8.2H=3870 x4215480	
514	Sur	TPH	8.04=3517×4=14068	(al
504	1'	TOU	6.8H = 2124 x4 = 8496	
514	51	TOH	7.6 H= 2944x4= 11716	10.
split	3'	FOH	3.2H=3870x4=15480	
194	41	na	7.8H = 3212×4= 12848	
594	5'	nça	7.8 H = 3212 x4 = (2848)	
504	5' 6'	na	7,8H=3212X4=12848	
SPY	7'	inju	S. BH=1143 x4 = 4572	

Sample Point = SP1 @ ## etc

Floor = FL1 etc

Horizontal = HZ1 etc Refusal = SP1 @ 4'-R

Test Trench = TT1 @ ##

Sidewall = SW1 etc

GPS Sample Points, Center of Comp Areas

Resamples= SP1b @ 5' or SW #1b Stockpile = Stockpile #1

Sample Log

Project: Montana Junction Riser

Latitude: 33.571416

Longitude: -103.500598

Date: 6/17/202

Sampler: Jorge Valeriano

Sample ID	Depth	PID/Odor		GPS
595	gor	194	8.6 H=4479 x4=17916	lab
585	I.C	TPH	8.2H=3870x4=15480	
595	7'	TPH	7.6 H = 294484=11776	
585	3'	1255: He	7.8H= 3212×4=12848	
SP5	4	na	8.24 = 3870×4=15480	
505	5 ' 8 ' 7 '	na	8.04=3517x4=14068	
5/5	8	na	7.8H=3212x4=12848	
505	7'	no Ma	5,8H= 1443 x4= 5772	
506	Sor	TPH	8.0H=3517X4=14068	lab
506	10	TPH	8.4H = 4350x4=17400	
596	21	TPH	7.8H=3212×4=12848	
596	3'	TOH	7.6H=2944X4=11776	
SP6		095916le	8.0H=3517x4=1406B	
596	5'	na	B.AH=3517x4= 14068	
596	6'	na	8.44=42834=17132	
516	7'	n/a	8.2H=3879x4=15480	
586	8'	n/a	8.2H=3870x4=15480	
567	50+	TPH	8.6H=4479×4=17916	106
507	11	TPH	7.8HZ 3212X4=12848	(18.17
567	21	TOH	8.2H=3870 X4 < 15480	
507	3'	possible	8.0H = 3517X4 = 14068	
517	41	na	7.8H=3212x4=12848	
587	[[na	7.8 H = 3212 X4=12-848	
517	6	n/a	G. 64=1336×4=5344	
507	7'	n/a	7.2H=2492×4=9,968	
597	8'	na	804= 3517x4=14068	
Samula Baint - SB1			Harizantal - H71 ats	Took Troppels - TT1 @ ##

Sample Point = SP1 @ ## etc

Floor = FL1 etc

Sidewall = SW1 etc

Horizontal = HZ1 etc

Refusal = SP1 @ 4'-R

GPS Sample Points, Center of Comp Areas

Test Trench = TT1 @ ##

Resamples= SP1b @ 5' or SW #1b

Sample Log

Date:	6/	1201	22
-------	----	------	----

Project: Montana Junction Riser

Latitude: 33.571416 Longitude: -103.500598 Sampler: Jorge

Sample ID	Depth	PID/Odor	Chloride	GPS
509	Sur	7PH 1PH	$7.2 = 471 \times 4 = 1884$ $6 = 313 \times 4 = 1252$ $3.4 = 101 \times 4 = 436$ $1.8 = 38 \times 4 = 152$	
509	1.	1PH	6=313 x4=1252	
5P9	2'	nossible	3.4=109x4= 436	
50 4	31	Ma	$1.8 = 38 \times 4 = 152$	
549	41	n/a	1.8=38x4=152	
SP 8	71	n/a	8.0H= 3517×4 = 14068	
518	8' 6'	n/a	7.8H= 3212 x4=12848 7.8H=321284=12848	
508	6'	n/a	7.8H=3712×4=12848	
518	5'	n/a	7.8H= 3212×4=12848	
508	4	nra	7.44=2705×4=10820	
518	3'	Possible	7.84=32/2×4=(2848	
508	21	Teff	7.8H= 3217x4=12848	
508	D'	TPH	B.ZH=3870X4=15480	
508	Sur	TPH	4.0H=6181X4=247246	
\subseteq	7			
1				
Sample Point = SP1			Horizontal = H71 etc	Tost Transh - TT1 @ ##

Sample Point = SP1 @ ## etc

Floor = FL1 etc

Sidewall = SW1 etc

Horizontal = HZ1 etc

Refusal = SP1 @ 4'-R

GPS Sample Points, Center of Comp Areas

Test Trench = TT1 @ ##

Resamples= SP1b @ 5' or SW #1b

Sample Log

		Date:	
Project: Montana Junction Riser			
Latitude: 33.571416	Longitude: -103.500598	Sampler:	

Sample ID	Depth	PID/Odor	Chloride	GPS
581	91	n/a	3.0=88×4=357	Refusal, too hard to dig further
SP 2 SP 2	8'	11/0	6.0=313×4=1252	
592	9'		5.2=235x4=940	
582	10'		3.6=121×4=484	Actusal too hand to dig further
503	81		8,0=632×4=2528	
593	9'		6.2=335 x4=1340	
513	10'		3.6=121x4=484	Refused, too hard to sking chooper
594	8		4.8=202×4=508	
	4'		4.8=202×4=508 3.6=121×4=484	Refusal, too hord to dig deeper
5P5	8	1/a	4.4= 688 m 172x4= 688	
505	9'	n/a	4.2=159x4=636	Refusal compart go lower/too hard
516	9'		4.8=202 * 4= 808	
516	10'		3.8=133×4=532	Refusal, too hard to dig deeper
507	9'		6.8=411x4=1644	
5P7 5P7	10'		3.2 = 98 x 4= 3.92	Refusal toohard to dig deeper
518	9'		7.0 = 440 x4=1760	
50 8	10'		7.0=440 x4=1760 3.0=88x4=352	actual, too hard to dig despor

Sample Point = SP1 @ ## etc

Floor = FL1 etc

Sidewall = SW1 etc

Horizontal = HZ1 etc

Refusal = SP1 @ 4'-R

GPS Sample Points, Center of Comp Areas

Test Trench = TT1 @ ##

Resamples= SP1b @ 5' or SW #1b

Attachment VI Laboratory Analytical Reports



June 20, 2022

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: KIZER RISER

Enclosed are the results of analyses for samples received by the laboratory on 06/15/22 16:12.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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/ga/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.

Celey D. Keine

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. Keene

Lab Director/Quality Manager



06/15/2022

Soil

Analytical Results For:

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

Fax To: (505) 391-4585

Received: 06/15/2022 Reported: 06/20/2022

mg/kg

Project Name: KIZER RISER Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Sampling Date:

Sampling Type:

Project Location: UL/ O SEC 31 T8S - R34E

Sample ID: HZ1 - SURF (H222570-01)

BTEX 8021B

BIEX 6021B	ilig	/ Kg	Allalyze	и ву: эп					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2022	ND	2.08	104	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2022	ND	2.07	104	2.00	0.666	
Ethylbenzene*	<0.050	0.050	06/16/2022	ND	1.97	98.7	2.00	1.49	
Total Xylenes*	<0.150	0.150	06/16/2022	ND	6.17	103	6.00	2.17	
Total BTEX	<0.300	0.300	06/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
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	06/16/2022	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2022	ND	179	89.4	200	0.586	
DRO >C10-C28*	<10.0	10.0	06/16/2022	ND	170	84.9	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	06/16/2022	ND					
Surrogate: 1-Chlorooctane	97.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	89.6	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 06/15/2022 Sampling Date: 06/15/2022

Reported: 06/20/2022 Sampling Type: Soil

Project Name: KIZER RISER Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: UL/ O SEC 31 T8S - R34E

ma/ka

Sample ID: HZ1 - 1' (H222570-02)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2022	ND	2.08	104	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2022	ND	2.07	104	2.00	0.666	
Ethylbenzene*	<0.050	0.050	06/16/2022	ND	1.97	98.7	2.00	1.49	
Total Xylenes*	<0.150	0.150	06/16/2022	ND	6.17	103	6.00	2.17	
Total BTEX	<0.300	0.300	06/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/16/2022	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2022	ND	179	89.4	200	0.586	
DRO >C10-C28*	<10.0	10.0	06/16/2022	ND	170	84.9	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	06/16/2022	ND					
Surrogate: 1-Chlorooctane	101	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.9	% 59.5-14	2						

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Celeg & Freene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 06/15/2022 Sampling Date: 06/15/2022

Reported: 06/20/2022 Sampling Type: Soil

Project Name: KIZER RISER Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL/ O SEC 31 T8S - R34E

Sample ID: HZ2 - SURF (H222570-03)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2022	ND	2.08	104	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2022	ND	2.07	104	2.00	0.666	
Ethylbenzene*	<0.050	0.050	06/16/2022	ND	1.97	98.7	2.00	1.49	
Total Xylenes*	<0.150	0.150	06/16/2022	ND	6.17	103	6.00	2.17	
Total BTEX	<0.300	0.300	06/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/16/2022	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2022	ND	179	89.4	200	0.586	
DRO >C10-C28*	<10.0	10.0	06/16/2022	ND	170	84.9	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	06/16/2022	ND					
Surrogate: 1-Chlorooctane	98.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	95.5	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 06/15/2022 Sampling Date: 06/15/2022

Reported: 06/20/2022 Sampling Type: Soil

Project Name: KIZER RISER Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: UL/ O SEC 31 T8S - R34E

ma/ka

Sample ID: HZ2 - 1' (H222570-04)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2022	ND	2.08	104	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2022	ND	2.07	104	2.00	0.666	
Ethylbenzene*	<0.050	0.050	06/16/2022	ND	1.97	98.7	2.00	1.49	
Total Xylenes*	<0.150	0.150	06/16/2022	ND	6.17	103	6.00	2.17	
Total BTEX	<0.300	0.300	06/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/16/2022	ND	448	112	400	3.64	
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	06/16/2022	ND	179	89.4	200	0.586	
DRO >C10-C28*	<10.0	10.0	06/16/2022	ND	170	84.9	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	06/16/2022	ND					
Surrogate: 1-Chlorooctane	95.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.4	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 06/15/2022 Sampling Date: 06/15/2022

Reported: 06/20/2022 Sampling Type: Soil

Project Name: KIZER RISER Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Tamara Oldaker

Project Location: UL/ O SEC 31 T8S - R34E

Sample ID: HZ3 - SURF (H222570-05)

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	06/16/2022	ND	2.08	104	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2022	ND	2.07	104	2.00	0.666	
Ethylbenzene*	<0.050	0.050	06/16/2022	ND	1.97	98.7	2.00	1.49	
Total Xylenes*	<0.150	0.150	06/16/2022	ND	6.17	103	6.00	2.17	
Total BTEX	<0.300	0.300	06/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/16/2022	ND	448	112	400	3.64	
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	06/16/2022	ND	179	89.4	200	0.586	
DRO >C10-C28*	<10.0	10.0	06/16/2022	ND	170	84.9	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	06/16/2022	ND					
Surrogate: 1-Chlorooctane	102	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.5	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 06/15/2022 Sampling Date: 06/15/2022

Reported: 06/20/2022 Sampling Type: Soil

Project Name: KIZER RISER Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: UL/ O SEC 31 T8S - R34E

Sample ID: HZ3 - 1' (H222570-06)

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	06/16/2022	ND	2.08	104	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2022	ND	2.07	104	2.00	0.666	
Ethylbenzene*	<0.050	0.050	06/16/2022	ND	1.97	98.7	2.00	1.49	
Total Xylenes*	<0.150	0.150	06/16/2022	ND	6.17	103	6.00	2.17	
Total BTEX	<0.300	0.300	06/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/16/2022	ND	448	112	400	3.64	
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	06/16/2022	ND	179	89.4	200	0.586	
DRO >C10-C28*	<10.0	10.0	06/16/2022	ND	170	84.9	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	06/16/2022	ND					
Surrogate: 1-Chlorooctane	94.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.2	% 59.5-14	2						

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Celey D. Krene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 06/15/2022 Sampling Date: 06/15/2022

Reported: 06/20/2022 Sampling Type: Soil

Project Name: KIZER RISER Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL/ O SEC 31 T8S - R34E

Sample ID: HZ4 - SURF (H222570-07)

BTEX 8021B

DILX GOZID	11197	K9	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2022	ND	2.08	104	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2022	ND	2.07	104	2.00	0.666	
Ethylbenzene*	<0.050	0.050	06/16/2022	ND	1.97	98.7	2.00	1.49	
Total Xylenes*	<0.150	0.150	06/16/2022	ND	6.17	103	6.00	2.17	
Total BTEX	<0.300	0.300	06/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/16/2022	ND	448	112	400	3.64	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2022	ND	179	89.4	200	0.586	
DRO >C10-C28*	<10.0	10.0	06/16/2022	ND	170	84.9	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	06/16/2022	ND					
Surrogate: 1-Chlorooctane	87.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	84.9	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 06/15/2022 Sampling Date: 06/15/2022

Reported: 06/20/2022 Sampling Type: Soil

Project Name: KIZER RISER Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: UL/ O SEC 31 T8S - R34E

Sample ID: HZ4 - 1' (H222570-08)

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	06/16/2022	ND	2.08	104	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2022	ND	2.07	104	2.00	0.666	
Ethylbenzene*	<0.050	0.050	06/16/2022	ND	1.97	98.7	2.00	1.49	
Total Xylenes*	<0.150	0.150	06/16/2022	ND	6.17	103	6.00	2.17	
Total BTEX	<0.300	0.300	06/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/16/2022	ND	448	112	400	3.64	
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	06/16/2022	ND	179	89.4	200	0.586	
DRO >C10-C28*	<10.0	10.0	06/16/2022	ND	170	84.9	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	06/16/2022	ND					
Surrogate: 1-Chlorooctane	83.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	78.5	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 06/15/2022 Sampling Date: 06/15/2022

Reported: 06/20/2022 Sampling Type: Soil

Project Name: KIZER RISER Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: UL/ O SEC 31 T8S - R34E

Sample ID: HZ5 - SURF (H222570-09)

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	06/16/2022	ND	2.08	104	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2022	ND	2.07	104	2.00	0.666	
Ethylbenzene*	<0.050	0.050	06/16/2022	ND	1.97	98.7	2.00	1.49	
Total Xylenes*	<0.150	0.150	06/16/2022	ND	6.17	103	6.00	2.17	
Total BTEX	<0.300	0.300	06/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-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	06/16/2022	ND	448	112	400	3.64	
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	06/16/2022	ND	179	89.4	200	0.586	
DRO >C10-C28*	<10.0	10.0	06/16/2022	ND	170	84.9	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	06/16/2022	ND					
Surrogate: 1-Chlorooctane	91.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	85.8	% 59.5-14	22						

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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: 06/15/2022 Sampling Date: 06/15/2022

Reported: 06/20/2022 Sampling Type: Soil

Project Name: KIZER RISER Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NOT GIVEN

Project Location: UL/ O SEC 31 T8S - R34E

Sample ID: HZ5 - 1' (H222570-10)

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	06/16/2022	ND	2.08	104	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2022	ND	2.07	104	2.00	0.666	
Ethylbenzene*	<0.050	0.050	06/16/2022	ND	1.97	98.7	2.00	1.49	
Total Xylenes*	<0.150	0.150	06/16/2022	ND	6.17	103	6.00	2.17	
Total BTEX	<0.300	0.300	06/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
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	06/16/2022	ND	448	112	400	3.64	
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	06/16/2022	ND	179	89.4	200	0.586	
DRO >C10-C28*	<10.0	10.0	06/16/2022	ND	170	84.9	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	06/16/2022	ND					
Surrogate: 1-Chlorooctane	89.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	84.4	% 59.5-14	2						

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Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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June 21, 2022

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

RE: MONTANA JUNCTION RISER

Enclosed are the results of analyses for samples received by the laboratory on 06/16/22 16:13.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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/ga/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.

Celey D. Keine

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. 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:
 06/16/2022
 Sampling Date:
 06/16/2022

 Reported:
 06/21/2022
 Sampling Type:
 Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Shalyn Rodriguez

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Project Location: UL / O SEC 31 T8S - R34E

Sample ID: SP 1 - SURF (H222583-01)

DTEV 0021D

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	06/17/2022	ND	2.03	102	2.00	2.58	
Toluene*	0.091	0.050	06/17/2022	ND	2.04	102	2.00	3.01	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.92	95.9	2.00	2.71	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	5.96	99.3	6.00	2.77	
Total BTEX	<0.300	0.300	06/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	28400	16.0	06/17/2022	ND	448	112	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	06/17/2022	ND	195	97.4	200	1.54	
DRO >C10-C28*	98.4	10.0	06/17/2022	ND	201	100	200	1.38	
EXT DRO >C28-C36	23.9	10.0	06/17/2022	ND					
Surrogate: 1-Chlorooctane	107	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	121	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 06/16/2022 Sampling Date: 06/16/2022

Reported: 06/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: SP 1 - 8' (H222583-02)

BTEX 8021B

	9,	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.03	102	2.00	2.58	
Toluene*	<0.050	0.050	06/17/2022	ND	2.04	102	2.00	3.01	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.92	95.9	2.00	2.71	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	5.96	99.3	6.00	2.77	
Total BTEX	<0.300	0.300	06/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	06/17/2022	ND	448	112	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	06/17/2022	ND	195	97.4	200	1.54	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	201	100	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					
Surrogate: 1-Chlorooctane	100	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	110	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 06/16/2022 Sampling Date: 06/16/2022

Reported: 06/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Shalyn Rodriguez

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: SP 2 - SURF (H222583-03)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.03	102	2.00	2.58	
Toluene*	<0.050	0.050	06/17/2022	ND	2.04	102	2.00	3.01	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.92	95.9	2.00	2.71	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	5.96	99.3	6.00	2.77	
Total BTEX	<0.300	0.300	06/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	34800	16.0	06/17/2022	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2022	ND	195	97.4	200	1.54	
DRO >C10-C28*	618	10.0	06/20/2022	ND	201	100	200	1.38	
EXT DRO >C28-C36	190	10.0	06/20/2022	ND					
Surrogate: 1-Chlorooctane	105	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	120	% 59.5-14	2						

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Celey D. Kreine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 06/16/2022 Sampling Date: 06/16/2022

Reported: Sampling Type: Soil 06/21/2022

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: RILEY PERMIAN Sample Received By: Shalyn Rodriguez

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: SP 3 - SURF (H222583-04)

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	06/17/2022	ND	2.03	102	2.00	2.58	
Toluene*	<0.050	0.050	06/17/2022	ND	2.04	102	2.00	3.01	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.92	95.9	2.00	2.71	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	5.96	99.3	6.00	2.77	
Total BTEX	<0.300	0.300	06/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32000	16.0	06/17/2022	ND	448	112	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	06/17/2022	ND	195	97.4	200	1.54	
DRO >C10-C28*	83.2	10.0	06/17/2022	ND	201	100	200	1.38	
EXT DRO >C28-C36	26.2	10.0	06/17/2022	ND					
Surrogate: 1-Chlorooctane	104 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	117 9	6 59.5-14	2						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 06/16/2022 Sampling Date: 06/16/2022

Reported: 06/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: SP 4 - SURF (H222583-05)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.03	102	2.00	2.58	
Toluene*	<0.050	0.050	06/17/2022	ND	2.04	102	2.00	3.01	
Ethylbenzene*	0.090	0.050	06/17/2022	ND	1.92	95.9	2.00	2.71	
Total Xylenes*	0.195	0.150	06/17/2022	ND	5.96	99.3	6.00	2.77	
Total BTEX	<0.300	0.300	06/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18600	16.0	06/17/2022	ND	448	112	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	06/20/2022	ND	195	97.4	200	1.54	
DRO >C10-C28*	1670	10.0	06/20/2022	ND	201	100	200	1.38	
EXT DRO >C28-C36	497	10.0	06/20/2022	ND					
Surrogate: 1-Chlorooctane	98.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	149	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 06/16/2022 Sampling Date: 06/16/2022

Reported: 06/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Shalyn Rodriguez

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: SP 5 - SURF (H222583-06)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.03	102	2.00	2.58	
Toluene*	<0.050	0.050	06/17/2022	ND	2.04	102	2.00	3.01	
Ethylbenzene*	< 0.050	0.050	06/17/2022	ND	1.92	95.9	2.00	2.71	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	5.96	99.3	6.00	2.77	
Total BTEX	<0.300	0.300	06/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	28000	16.0	06/17/2022	ND	448	112	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2022	ND	195	97.4	200	1.54	
DRO >C10-C28*	192	10.0	06/17/2022	ND	201	100	200	1.38	
EXT DRO >C28-C36	50.7	10.0	06/17/2022	ND					
Surrogate: 1-Chlorooctane	105	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	123	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 06/16/2022 Sampling Date: 06/16/2022

Reported: Sampling Type: Soil 06/21/2022

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: RILEY PERMIAN Sample Received By: Shalyn Rodriguez

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: SP 6 - SURF (H222583-07)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.03	102	2.00	2.58	
Toluene*	0.349	0.050	06/17/2022	ND	2.04	102	2.00	3.01	
Ethylbenzene*	0.919	0.050	06/17/2022	ND	1.92	95.9	2.00	2.71	
Total Xylenes*	2.05	0.150	06/17/2022	ND	5.96	99.3	6.00	2.77	
Total BTEX	3.32	0.300	06/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	120 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	26000	16.0	06/17/2022	ND	448	112	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<100	100	06/17/2022	ND	195	97.4	200	1.54	
DRO >C10-C28*	7140	100	06/17/2022	ND	201	100	200	1.38	
EXT DRO >C28-C36	1890	100	06/17/2022	ND					
Surrogate: 1-Chlorooctane	110 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	333 9	59.5-14	2						

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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: 06/16/2022 Sampling Date: 06/16/2022

Reported: 06/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Shalyn Rodriguez

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: SP 7 - SURF (H222583-08)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.890	0.050	06/17/2022	ND	2.03	102	2.00	2.58	
Toluene*	0.969	0.050	06/17/2022	ND	2.04	102	2.00	3.01	
Ethylbenzene*	1.37	0.050	06/17/2022	ND	1.92	95.9	2.00	2.71	
Total Xylenes*	1.63	0.150	06/17/2022	ND	5.96	99.3	6.00	2.77	
Total BTEX	4.86	0.300	06/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	49200	16.0	06/17/2022	ND	448	112	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	133	100	06/17/2022	ND	195	97.4	200	1.54	
DRO >C10-C28*	16300	100	06/17/2022	ND	201	100	200	1.38	
EXT DRO >C28-C36	5040	100	06/17/2022	ND					
Surrogate: 1-Chlorooctane	150	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	854	% 59.5-14	2						

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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: 06/16/2022 Sampling Date: 06/16/2022

Reported: 06/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: SP 8 - SURF (H222583-09)

RTFY 8021R

BIEX 8021B	тд/кд		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.03	102	2.00	2.58	
Toluene*	<0.050	0.050	06/17/2022	ND	2.04	102	2.00	3.01	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.92	95.9	2.00	2.71	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	5.96	99.3	6.00	2.77	
Total BTEX	<0.300	0.300	06/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	47200	16.0	06/17/2022	ND	448	112	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2022	ND	195	97.4	200	1.54	
DRO >C10-C28*	163	10.0	06/17/2022	ND	201	100	200	1.38	
EXT DRO >C28-C36	46.4	10.0	06/17/2022	ND					
Surrogate: 1-Chlorooctane	99.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	117	% 59.5-14	2						

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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: 06/16/2022 Sampling Date: 06/16/2022

Reported: 06/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: SP 9 - SURF (H222583-10)

RTFY 8021R

BIEX 8021B	mg,	кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.03	102	2.00	2.58	
Toluene*	<0.050	0.050	06/17/2022	ND	2.04	102	2.00	3.01	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.92	95.9	2.00	2.71	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	5.96	99.3	6.00	2.77	
Total BTEX	<0.300	0.300	06/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32000	16.0	06/17/2022	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2022	ND	195	97.4	200	1.54	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	201	100	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					
Surrogate: 1-Chlorooctane	102	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	112 9	% 59.5-14	2						

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
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 SM4500CI-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. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



1	(575) 393-2326 FAX (575) 393-2476	3-2476									<u>a</u>
Company Name: -	Hungry Horse LLC			BILL	L 70	-			ANALYSIS RE	REQUEST	Pa
	Daniel Dominguez		7	P.O. #:		+			\neg		7
×	058		0	Company	Riley Permian			_	_		
City: Hobbs	State: NM	Zip: 88	88241 A	Attn: Ben Olszewski	zewski			_	_		
Phone #: 575 393-3386	3386 Fax #:		A	Address: 29E. Reno Ave,	Reno Ave, Suite 500	500		_	_		
Project #:	Project Owner:	r: Riley Permian		City: Oklahoma City	na City			_			
Project Name: Mont	Montana Junction Riser		S	OK.	Zip: 73104			_			
Project Location:	UL/ O Sec 31 T8S - R34E		ס	Phone #: 405-4	405-415-8927			_			
Sampler Name: B	Bradley Wells		70	Fax #:				_			
FOR LAB USE ONLY		P.	MATRIX	PRESERV.	SAMPLING	Ш					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER	WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	DATE TII	Chloride	ТРН	BTEX 8021			
SP1-Surf	Surf	G 1		×	6/16/22	×	×	×			
SP1-8'	-Se	G 1	×	×	6/16/22	×	×	×			
3 SP2-Surf	Surf	G 1	×	×	6/16/22	×	×	×			
4 SP3-Surf	Surf	G 1	×	×	6/16/22	×	×	×			
SP4-Surf	Surf	G 1	×	×	6/16/22	×	×	×			
() SP5-Surf	Surf	G 1	×	×	6/16/22	×	×	×			
7 SP6-Surf	Surf	G 1	×	×	6/16/22	×	×	×			
SP7-Surf	Surf	G 1	×		6/16/22	×	×	×			
(O) SP9-Surf	Surf	G G	× >	××	6/16/22	× >	××	× >			
LEASE NOTE: Liability and Darmage nalyses. All claims including those for srvice. In no event shall Cardinal be filiates or successors arising out of or	**LEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remody for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the nailyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal which 30 days after completion of the applicable errice. In no event shall Cardinal be liable for incidental or consequence, including any cardinal which incidental or consequence, including the shall be described by their, its substances are received and the consequence of sentices hereunder by Cardinal recardless of whether such claim is based upon any of the above stand rescore or otherwise.	for any claim arising wheth be deemed waived unless uting without limitation, but by Cardinal regardless of	remody for any claim arising whether based in contract or torf, shall be limited to the amount prevents at the determination of the second process and the second process of the determination of the second process of the	shall be limited to the am ed by Cardinal within 30 on ise, or loss of profits incu-	ount paid by the client to days after completion of irred by client, its subsidi-	pplicab					
Relinquished By:	Date:	Received By:	By:			Phone Result: Fax Result:	□ Yes	O ON	Add'l Phone #: Add'l Fax #:		
B-11 h	-		Daklon	Me	RE	REMARKS:					
Relinquished By:	Date:	Received By:	By:		En En	Email results to:		pm@hung	pm@hungry-horse.com		
	Time:							benolszew	benolszewski@rileypermian.com	.com	
Delivered By: (Circle One)	0-0(301.0	00	Sample Condition	CHECKED BY:	DBY:						

Sample Condition
Cool Intact
Per Yes
No No No

CHECKED BY: (Initials)

Sampler - UPS - Bus - Other:



July 12, 2022

DANIEL DOMINGUEZ Hungry Horse Environmental P.O. Box 1058

Hobbs, NM 88240

RE: MONTANA JUNCTION RISER

Enclosed are the results of analyses for samples received by the laboratory on 07/07/22 16:15.

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/ga/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.

Celey D. Keine

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. 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: 07/07/2022 Sampling Date: 07/07/2022

Reported: 07/12/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: RILEY PERMIAN Sample Received By: Shalyn Rodriguez

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: SP 1 - 9' (H222928-01)

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	07/11/2022	ND	2.08	104	2.00	9.76	
Toluene*	<0.050	0.050	07/11/2022	ND	2.12	106	2.00	11.5	
Ethylbenzene*	<0.050	0.050	07/11/2022	ND	2.20	110	2.00	14.6	
Total Xylenes*	<0.150	0.150	07/11/2022	ND	6.54	109	6.00	13.1	
Total BTEX	<0.300	0.300	07/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	80.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	07/11/2022	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	07/11/2022	ND	219	109	200	0.751	
DRO >C10-C28*	<10.0	10.0	07/11/2022	ND	216	108	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	07/11/2022	ND					
Surrogate: 1-Chlorooctane	60.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	72.7	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/07/2022 Sampling Date: 07/07/2022

Reported: 07/12/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: UL / O SEC 31 T8S - R34E

ma/ka

Sample ID: SP 2 - 10' (H222928-02)

RTFY 8021R

BIEX 8021B	mg	кg	Analyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2022	ND	2.08	104	2.00	9.76	
Toluene*	<0.050	0.050	07/11/2022	ND	2.12	106	2.00	11.5	
Ethylbenzene*	<0.050	0.050	07/11/2022	ND	2.20	110	2.00	14.6	
Total Xylenes*	<0.150	0.150	07/11/2022	ND	6.54	109	6.00	13.1	
Total BTEX	<0.300	0.300	07/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	80.2	% 69.9-140	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	07/11/2022	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	07/11/2022	ND	219	109	200	0.751	
DRO >C10-C28*	<10.0	10.0	07/11/2022	ND	216	108	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	07/11/2022	ND					
Surrogate: 1-Chlorooctane	73.8	% 43-149							
Surrogate: 1-Chlorooctadecane	88.6	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/07/2022 Sampling Date: 07/07/2022

Reported: 07/12/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Shalyn Rodriguez

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: SP 3 - 10' (H222928-03)

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	07/11/2022	ND	2.08	104	2.00	9.76	
Toluene*	<0.050	0.050	07/11/2022	ND	2.12	106	2.00	11.5	
Ethylbenzene*	<0.050	0.050	07/11/2022	ND	2.20	110	2.00	14.6	
Total Xylenes*	<0.150	0.150	07/11/2022	ND	6.54	109	6.00	13.1	
Total BTEX	<0.300	0.300	07/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	82.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	07/11/2022	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	07/11/2022	ND	219	109	200	0.751	
DRO >C10-C28*	<10.0	10.0	07/11/2022	ND	216	108	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	07/11/2022	ND					
Surrogate: 1-Chlorooctane	73.2	% 43-149)						
Surrogate: 1-Chlorooctadecane	89.9	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/07/2022 Sampling Date: 07/07/2022

Reported: 07/12/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: SP 4 - 9' (H222928-04)

BTEX 8021B

DILX GOZID	1119/	- Kg	Allulyzo	.u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2022	ND	2.08	104	2.00	9.76	
Toluene*	<0.050	0.050	07/11/2022	ND	2.12	106	2.00	11.5	
Ethylbenzene*	<0.050	0.050	07/11/2022	ND	2.20	110	2.00	14.6	
Total Xylenes*	<0.150	0.150	07/11/2022	ND	6.54	109	6.00	13.1	
Total BTEX	<0.300	0.300	07/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	82.0	% 69.9-140	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	07/11/2022	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	07/11/2022	ND	219	109	200	0.751	
DRO >C10-C28*	<10.0	10.0	07/11/2022	ND	216	108	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	07/11/2022	ND					
Surrogate: 1-Chlorooctane	83.9	% 43-149							
Surrogate: 1-Chlorooctadecane	100	% 42.5-16.	1						

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Celey & Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/07/2022 Sampling Date: 07/07/2022

Reported: 07/12/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: SP 5 - 9' (H222928-05)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2022	ND	2.08	104	2.00	9.76	
Toluene*	<0.050	0.050	07/11/2022	ND	2.12	106	2.00	11.5	
Ethylbenzene*	<0.050	0.050	07/11/2022	ND	2.20	110	2.00	14.6	
Total Xylenes*	<0.150	0.150	07/11/2022	ND	6.54	109	6.00	13.1	
Total BTEX	<0.300	0.300	07/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	79.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/11/2022	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	07/11/2022	ND	219	109	200	0.751	
DRO >C10-C28*	<10.0	10.0	07/11/2022	ND	216	108	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	07/11/2022	ND					
Surrogate: 1-Chlorooctane	93.2	% 43-149)						
Surrogate: 1-Chlorooctadecane	111	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/07/2022 Sampling Date: 07/07/2022

Reported: 07/12/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: RILEY PERMIAN

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: SP 6 - 10' (H222928-06)

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	07/11/2022	ND	2.08	104	2.00	9.76	
Toluene*	<0.050	0.050	07/11/2022	ND	2.12	106	2.00	11.5	
Ethylbenzene*	<0.050	0.050	07/11/2022	ND	2.20	110	2.00	14.6	
Total Xylenes*	<0.150	0.150	07/11/2022	ND	6.54	109	6.00	13.1	
Total BTEX	<0.300	0.300	07/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	80.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	07/11/2022	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	07/11/2022	ND	219	109	200	0.751	
DRO >C10-C28*	<10.0	10.0	07/11/2022	ND	216	108	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	07/11/2022	ND					
Surrogate: 1-Chlorooctane	66.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	79.4	% 42.5-16	1						

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Celecy D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/07/2022 Sampling Date: 07/07/2022

Reported: 07/12/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: SP 7 - 10' (H222928-07)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2022	ND	2.08	104	2.00	9.76	
Toluene*	<0.050	0.050	07/11/2022	ND	2.12	106	2.00	11.5	
Ethylbenzene*	<0.050	0.050	07/11/2022	ND	2.20	110	2.00	14.6	
Total Xylenes*	<0.150	0.150	07/11/2022	ND	6.54	109	6.00	13.1	
Total BTEX	<0.300	0.300	07/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	80.2	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	07/11/2022	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	07/11/2022	ND	219	109	200	0.751	
DRO >C10-C28*	<10.0	10.0	07/11/2022	ND	216	108	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	07/11/2022	ND					
Surrogate: 1-Chlorooctane	92.9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	108	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/07/2022 Sampling Date: 07/07/2022

Reported: 07/12/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Shalyn Rodriguez

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: SP 8 - 10' (H222928-08)

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	07/08/2022	ND	2.09	104	2.00	0.562	
Toluene*	<0.050	0.050	07/08/2022	ND	2.10	105	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/08/2022	ND	2.10	105	2.00	4.15	
Total Xylenes*	<0.150	0.150	07/08/2022	ND	6.41	107	6.00	2.87	
Total BTEX	<0.300	0.300	07/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	07/11/2022	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	07/11/2022	ND	219	109	200	0.751	
DRO >C10-C28*	<10.0	10.0	07/11/2022	ND	216	108	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	07/11/2022	ND					
Surrogate: 1-Chlorooctane	77.8	% 43-149	1						
Surrogate: 1-Chlorooctadecane	90.4	% 42.5-16	1						

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Celeg D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/07/2022 Sampling Date: 07/07/2022

Reported: 07/12/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: RILEY PERMIAN Sample Received By: Shalyn Rodriguez

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: SP 9 - 4' (H222928-09)

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	07/08/2022	ND	2.09	104	2.00	0.562	
Toluene*	< 0.050	0.050	07/08/2022	ND	2.10	105	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/08/2022	ND	2.10	105	2.00	4.15	
Total Xylenes*	<0.150	0.150	07/08/2022	ND	6.41	107	6.00	2.87	
Total BTEX	<0.300	0.300	07/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/11/2022	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	07/11/2022	ND	219	109	200	0.751	
DRO >C10-C28*	<10.0	10.0	07/11/2022	ND	216	108	200	0.509	
EXT DRO >C28-C36	<10.0	10.0	07/11/2022	ND					
Surrogate: 1-Chlorooctane	92.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	109 9	42.5-16	1						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

Analyte NOT DETECTED at or above the reporting limit ND

RPD Relative Percent Difference

QR-04

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

The RPD for the BS/BSD was outside of historical limits.

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

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Celeg D. Freene

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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	101 East Marland, Hobbs, NM 88240	Hobbs,	Hobbs, NM 88240	240																					ge 12
Company Name:	Hungry Horse L				- 1		- 1	- 1	- 1					8	BILL TO					ANA	ANALYSIS F	REQUEST	ST		Pag
Project Manager:		"									P.O.	0. #:	"							-		\dashv			┰
Address: PO	S [S	ğ	Company		Riley Permian	rmian									
City: Hobbs		State: N	NN	Z	Zip:	88241	241				Att	Attn:	Be	Ö	Ben Olszewski							_			
le #:	575 393-3386	Fax #:		1							Ad	dre	SS:	29	Address: 29E. Reno Ave.	Suite 500							_		_
Project #:	P	Project Owner:	wner:	Rile	у Ре	Riley Permian	n n				City:	Y.	Q	clah	Oklahoma City							_			
Project Name:	Montana Junction Riser	34		1							Sta	ate:	State: OK		Zip: 73104	04						_			
Project Location:	n: UL/ O Sec 31 T8S - R34E	- R34E									Ph	9	#	40	Phone #: 405-415-8927	7						_			
Sampler Name:	Bradley Wells										Fa	Fax #:										_			
FOR LAB USE ONLY				\dashv	\Box	П		MATRIX	굦			PR	PRESERV.	P	SAMPLING	ING						_		_	_
Lab I.D.	Sample I.D.			RAB OR (C)OMP.	ONTAINERS	DUNDWATER	STEWATER	L		DGE	HER :	D/BASE:	/ COOL	HER:			loride	н	EX 8021						
1000000	SP1-9'			G (→ #	G	V	×S	C	S	C	Α	×	C	7/7/22		×	×	×			\parallel			Ш
9.	SP2-10'			G	1			×					×		7/7/22		×	×	×						_
8	SP3-10'			G	1			×					×		7/7/22		×	×	×						
h	SP4-9'			G	1			×					×		7/7/22		×	×	×						
N-	SP5-9'			G	1			×					×		7/7/22		×	×	×						
6	SP6-10'			G	1			×				-	×		7/7/22		×	×	×						
7	SP7-10'			G	-			×	1		1	E	×	I	7/7/22		×	×	×						
8	SP8-10'			G	_			×					×		7/7/22		×	×	×						_
9	SP9-4"			G	_			×					×		7/7/22		×	×	×	H		-			_
PLEASE NOTE: Liability an analyses, All claims, include service. In no event shall C	PLEASE NOTE: Liability and Damages. Cardinal'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 analyses. All claims including those for negligence and any other crasse whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consecuently and any other crasses whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable.	nt's exclusive i rause whatsoe	remedy for an ever shall be do	y claim a eemed w	nitation	whethe	r base made	in wri	ontrac ing an	t or to	rt, sha eived	by Ca	imited rdinal	within	amount paid by to 30 days after comincurred by client.	unt paid by the client for the ys after completion of the appli nd by client, its subsidianes.	cable		-	-		-			
Relinquished By:	Relinquished By:	Date:	C.C.	Re	ceiv	Received By:	By	900	cain	9	9000	010	900	a	Date: Received By: Pax Re	Phone Result:	ult:	□ Yes	O No		Add'l Phone #: Add'l Fax #:				Ш
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Delivered By: Sampler - UPS	: (Circle One) \ 28	-	55.0.5	Vo			Sample Condition	ple	Con	diti	9		오	(Init	CHECKED BY: (Initials)										



July 21, 2022

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: MONTANA JUNCTION RISER

Enclosed are the results of analyses for samples received by the laboratory on 07/18/22 14:33.

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/ga/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.

Celey D. Keine

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. 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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 1 (H223110-01)

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	07/19/2022	ND	2.06	103	2.00	11.2	
Toluene*	<0.050	0.050	07/19/2022	ND	2.15	107	2.00	12.2	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.17	108	2.00	11.9	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.65	111	6.00	11.3	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18300	16.0	07/19/2022	ND	432	108	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	07/19/2022	ND	158	79.1	200	7.54	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	170	85.2	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	49.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	54.1	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Sample Received By: Project Number: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 2 (H223110-02)

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	07/19/2022	ND	2.06	103	2.00	11.2	
Toluene*	<0.050	0.050	07/19/2022	ND	2.15	107	2.00	12.2	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.17	108	2.00	11.9	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.65	111	6.00	11.3	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	22200	16.0	07/19/2022	ND	432	108	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	07/19/2022	ND	158	79.1	200	7.54	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	170	85.2	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	61.4	% 43-149	1						
Surrogate: 1-Chlorooctadecane	66.1	% 42.5-16	1						

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Celecy D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 3 (H223110-03)

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	07/19/2022	ND	2.06	103	2.00	11.2	
Toluene*	<0.050	0.050	07/19/2022	ND	2.15	107	2.00	12.2	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.17	108	2.00	11.9	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.65	111	6.00	11.3	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	25200	16.0	07/19/2022	ND	432	108	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	07/19/2022	ND	158	79.1	200	7.54	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	170	85.2	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	59.5	% 43-149	1						
Surrogate: 1-Chlorooctadecane	63.4	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 4 (H223110-04)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	2.06	103	2.00	11.2	
Toluene*	<0.050	0.050	07/19/2022	ND	2.15	107	2.00	12.2	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.17	108	2.00	11.9	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.65	111	6.00	11.3	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	23800	16.0	07/19/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/19/2022	ND	158	79.1	200	7.54	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	170	85.2	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	56.5	% 43-149)						
Surrogate: 1-Chlorooctadecane	60.4	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Tamara Oldaker Project Number: RILEY PERMIAN Sample Received By:

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 5 (H223110-05)

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	07/19/2022	ND	2.06	103	2.00	11.2	
Toluene*	<0.050	0.050	07/19/2022	ND	2.15	107	2.00	12.2	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.17	108	2.00	11.9	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.65	111	6.00	11.3	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	22400	16.0	07/19/2022	ND	432	108	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	07/19/2022	ND	158	79.1	200	7.54	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	170	85.2	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	46.9	% 43-149							
Surrogate: 1-Chlorooctadecane	50.4	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 6 (H223110-06)

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	07/19/2022	ND	2.06	103	2.00	11.2	
Toluene*	<0.050	0.050	07/19/2022	ND	2.15	107	2.00	12.2	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.17	108	2.00	11.9	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.65	111	6.00	11.3	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	26600	16.0	07/19/2022	ND	432	108	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	07/19/2022	ND	158	79.1	200	7.54	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	170	85.2	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	56.9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	60.0	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker RILEY PERMIAN

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 7 (H223110-07)

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	07/19/2022	ND	2.06	103	2.00	11.2	
Toluene*	<0.050	0.050	07/19/2022	ND	2.15	107	2.00	12.2	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.17	108	2.00	11.9	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.65	111	6.00	11.3	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	29200	16.0	07/19/2022	ND	432	108	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	07/19/2022	ND	158	79.1	200	7.54	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	170	85.2	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	46.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	48.3	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 8 (H223110-08)

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	07/19/2022	ND	2.06	103	2.00	11.2	
Toluene*	<0.050	0.050	07/19/2022	ND	2.15	107	2.00	12.2	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.17	108	2.00	11.9	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.65	111	6.00	11.3	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18800	16.0	07/19/2022	ND	432	108	400	3.77	QM-07
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	07/19/2022	ND	158	79.1	200	7.54	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	170	85.2	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	64.1	% 43-149)						
Surrogate: 1-Chlorooctadecane	68.3	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Tamara Oldaker Project Number: RILEY PERMIAN Sample Received By:

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 9 (H223110-09)

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	07/19/2022	ND	2.06	103	2.00	11.2	
Toluene*	<0.050	0.050	07/19/2022	ND	2.15	107	2.00	12.2	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.17	108	2.00	11.9	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.65	111	6.00	11.3	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	28400	16.0	07/19/2022	ND	432	108	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	07/19/2022	ND	158	79.1	200	7.54	
DRO >C10-C28*	35.9	10.0	07/19/2022	ND	170	85.2	200	3.98	
EXT DRO >C28-C36	10.1	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	60.7	% 43-149	1						
Surrogate: 1-Chlorooctadecane	66.9	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 10 (H223110-10)

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	07/19/2022	ND	2.06	103	2.00	11.2	
Toluene*	<0.050	0.050	07/19/2022	ND	2.15	107	2.00	12.2	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.17	108	2.00	11.9	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.65	111	6.00	11.3	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	24000	16.0	07/19/2022	ND	432	108	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	07/19/2022	ND	158	79.1	200	7.54	
DRO >C10-C28*	16.1	10.0	07/19/2022	ND	170	85.2	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	53.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	57.9	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 11 (H223110-11)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	2.06	103	2.00	11.2	
Toluene*	<0.050	0.050	07/19/2022	ND	2.15	107	2.00	12.2	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.17	108	2.00	11.9	
Total Xylenes*	< 0.150	0.150	07/19/2022	ND	6.65	111	6.00	11.3	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	22400	16.0	07/19/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/19/2022	ND	158	79.1	200	7.54	
DRO >C10-C28*	36.8	10.0	07/19/2022	ND	170	85.2	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	58.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	63.7	% 42.5-16	71						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 12 (H223110-12)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	2.06	103	2.00	11.2	
Toluene*	<0.050	0.050	07/19/2022	ND	2.15	107	2.00	12.2	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.17	108	2.00	11.9	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.65	111	6.00	11.3	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18000	16.0	07/19/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/19/2022	ND	203	101	200	0.543	
DRO >C10-C28*	29.7	10.0	07/19/2022	ND	186	93.0	200	0.241	
EXT DRO >C28-C36	12.4	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	98.2	% 43-149)						
Surrogate: 1-Chlorooctadecane	100	% 42.5-16	71						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 13 (H223110-13)

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	07/19/2022	ND	2.06	103	2.00	11.2	
Toluene*	<0.050	0.050	07/19/2022	ND	2.15	107	2.00	12.2	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.17	108	2.00	11.9	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.65	111	6.00	11.3	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	26600	16.0	07/19/2022	ND	432	108	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	07/19/2022	ND	203	101	200	0.543	
DRO >C10-C28*	13.3	10.0	07/19/2022	ND	186	93.0	200	0.241	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	86.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	87.9	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 14 (H223110-14)

BTEX 8021B

DILX GOZID	11197	ng .	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	2.06	103	2.00	11.2	
Toluene*	<0.050	0.050	07/19/2022	ND	2.15	107	2.00	12.2	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.17	108	2.00	11.9	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.65	111	6.00	11.3	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14400	16.0	07/19/2022	ND	432	108	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	07/19/2022	ND	203	101	200	0.543	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	186	93.0	200	0.241	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	92.4	% 43-149	1						
Surrogate: 1-Chlorooctadecane	93.2	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 15 (H223110-15)

BTEX 8021B

DILX GOZID	11197	ng .	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	2.00	99.9	2.00	1.68	
Toluene*	<0.050	0.050	07/19/2022	ND	2.19	110	2.00	2.20	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.11	106	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.62	110	6.00	2.75	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	19600	16.0	07/19/2022	ND	432	108	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	07/19/2022	ND	203	101	200	0.543	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	186	93.0	200	0.241	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	91.5	% 43-149	1						
Surrogate: 1-Chlorooctadecane	89.8	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 16 (H223110-16)

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	07/19/2022	ND	2.00	99.9	2.00	1.68	
Toluene*	<0.050	0.050	07/19/2022	ND	2.19	110	2.00	2.20	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.11	106	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.62	110	6.00	2.75	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	23200	16.0	07/19/2022	ND	432	108	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	07/19/2022	ND	203	101	200	0.543	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	186	93.0	200	0.241	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	66.8	% 43-149	1						
Surrogate: 1-Chlorooctadecane	69.1	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 17 (H223110-17)

BTEX 8021B

DILX GOZID	ıııg,	K9	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	2.00	99.9	2.00	1.68	
Toluene*	<0.050	0.050	07/19/2022	ND	2.19	110	2.00	2.20	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.11	106	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.62	110	6.00	2.75	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	19600	16.0	07/19/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/19/2022	ND	203	101	200	0.543	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	186	93.0	200	0.241	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	57.0	% 43-149							
Surrogate: 1-Chlorooctadecane	55.0	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 18 (H223110-18)

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	07/19/2022	ND	2.00	99.9	2.00	1.68	
Toluene*	<0.050	0.050	07/19/2022	ND	2.19	110	2.00	2.20	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.11	106	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.62	110	6.00	2.75	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	29200	16.0	07/19/2022	ND	432	108	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	07/19/2022	ND	203	101	200	0.543	
DRO >C10-C28*	17.5	10.0	07/19/2022	ND	186	93.0	200	0.241	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	68.5	% 43-149)						
Surrogate: 1-Chlorooctadecane	68.0	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Tamara Oldaker Project Number: RILEY PERMIAN Sample Received By:

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 19 (H223110-19)

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	07/19/2022	ND	2.00	99.9	2.00	1.68	
Toluene*	<0.050	0.050	07/19/2022	ND	2.19	110	2.00	2.20	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.11	106	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.62	110	6.00	2.75	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	23200	16.0	07/19/2022	ND	432	108	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	07/19/2022	ND	203	101	200	0.543	
DRO >C10-C28*	15.4	10.0	07/19/2022	ND	186	93.0	200	0.241	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	61.5	% 43-149	1						
Surrogate: 1-Chlorooctadecane	61.8	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: UL / O SEC 31 T8S - R34E

ma/ka

Sample ID: FL 20 (H223110-20)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	2.00	99.9	2.00	1.68	
Toluene*	< 0.050	0.050	07/19/2022	ND	2.19	110	2.00	2.20	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.11	106	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.62	110	6.00	2.75	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	21600	16.0	07/19/2022	ND	432	108	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	07/19/2022	ND	203	101	200	0.543	
DRO >C10-C28*	13.7	10.0	07/19/2022	ND	186	93.0	200	0.241	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	62.0	% 43-149							
Surrogate: 1-Chlorooctadecane	61.6	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 21 (H223110-21)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	2.00	99.9	2.00	1.68	
Toluene*	<0.050	0.050	07/19/2022	ND	2.19	110	2.00	2.20	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.11	106	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.62	110	6.00	2.75	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7600	16.0	07/19/2022	ND	432	108	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	07/19/2022	ND	203	101	200	0.543	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	186	93.0	200	0.241	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	52.6	% 43-149	1						
Surrogate: 1-Chlorooctadecane	52.7	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 22 (H223110-22)

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	07/19/2022	ND	2.00	99.9	2.00	1.68	
Toluene*	<0.050	0.050	07/19/2022	ND	2.19	110	2.00	2.20	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.11	106	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.62	110	6.00	2.75	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7000	16.0	07/19/2022	ND	432	108	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	07/20/2022	ND	203	101	200	0.543	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	186	93.0	200	0.241	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	75.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	76.7	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 23 (H223110-23)

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	07/19/2022	ND	2.00	99.9	2.00	1.68	
Toluene*	<0.050	0.050	07/19/2022	ND	2.19	110	2.00	2.20	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.11	106	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.62	110	6.00	2.75	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15000	16.0	07/19/2022	ND	432	108	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	07/20/2022	ND	203	101	200	0.543	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	186	93.0	200	0.241	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	79.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	81.5	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 24 (H223110-24)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	2.00	99.9	2.00	1.68	
Toluene*	<0.050	0.050	07/19/2022	ND	2.19	110	2.00	2.20	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.11	106	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.62	110	6.00	2.75	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20400	16.0	07/19/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/19/2022	ND	203	101	200	0.543	
DRO >C10-C28*	18.3	10.0	07/19/2022	ND	186	93.0	200	0.241	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	60.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	61.3	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 25 (H223110-25)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	2.00	99.9	2.00	1.68	
Toluene*	<0.050	0.050	07/19/2022	ND	2.19	110	2.00	2.20	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.11	106	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.62	110	6.00	2.75	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8800	16.0	07/19/2022	ND	432	108	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	07/19/2022	ND	203	101	200	0.543	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	186	93.0	200	0.241	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	73.0	% 43-149	1						
Surrogate: 1-Chlorooctadecane	72.7	% 42.5-16.	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 26 (H223110-26)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	2.00	99.9	2.00	1.68	
Toluene*	<0.050	0.050	07/19/2022	ND	2.19	110	2.00	2.20	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.11	106	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.62	110	6.00	2.75	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7860	16.0	07/19/2022	ND	432	108	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	07/19/2022	ND	203	101	200	0.543	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	186	93.0	200	0.241	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	69.0	% 43-149	1						
Surrogate: 1-Chlorooctadecane	66.3	% 42.5-16	1						

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Celey & Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 27 (H223110-27)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	2.00	99.9	2.00	1.68	
Toluene*	<0.050	0.050	07/19/2022	ND	2.19	110	2.00	2.20	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.11	106	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.62	110	6.00	2.75	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32800	16.0	07/19/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	203	101	200	0.543	
DRO >C10-C28*	85.6	10.0	07/20/2022	ND	186	93.0	200	0.241	
EXT DRO >C28-C36	34.1	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	81.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	88.9	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 28 (H223110-28)

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	07/19/2022	ND	2.00	99.9	2.00	1.68	
Toluene*	<0.050	0.050	07/19/2022	ND	2.19	110	2.00	2.20	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.11	106	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.62	110	6.00	2.75	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	30000	16.0	07/19/2022	ND	416	104	400	3.77	QM-07
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	07/19/2022	ND	203	101	200	0.543	
DRO >C10-C28*	23.6	10.0	07/19/2022	ND	186	93.0	200	0.241	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	58.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	57.1	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Tamara Oldaker Project Number: RILEY PERMIAN Sample Received By:

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 29 (H223110-29)

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	07/19/2022	ND	2.00	99.9	2.00	1.68	
Toluene*	<0.050	0.050	07/19/2022	ND	2.19	110	2.00	2.20	
Ethylbenzene*	< 0.050	0.050	07/19/2022	ND	2.11	106	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.62	110	6.00	2.75	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	27600	16.0	07/19/2022	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	07/19/2022	ND	203	101	200	0.543	
DRO >C10-C28*	16.9	10.0	07/19/2022	ND	186	93.0	200	0.241	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	68.9	% 43-149							
Surrogate: 1-Chlorooctadecane	70.5	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 30 (H223110-30)

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	07/19/2022	ND	2.00	99.9	2.00	1.68	
Toluene*	<0.050	0.050	07/19/2022	ND	2.19	110	2.00	2.20	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.11	106	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.62	110	6.00	2.75	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	22000	16.0	07/19/2022	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	07/19/2022	ND	203	101	200	0.543	
DRO >C10-C28*	14.2	10.0	07/19/2022	ND	186	93.0	200	0.241	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	73.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	72.6	% 42.5-16	1						

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Celey D. Kreine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 31 (H223110-31)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	2.00	99.9	2.00	1.68	
Toluene*	<0.050	0.050	07/19/2022	ND	2.19	110	2.00	2.20	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.11	106	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.62	110	6.00	2.75	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	24400	16.0	07/19/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/19/2022	ND	203	101	200	0.543	
DRO >C10-C28*	15.0	10.0	07/19/2022	ND	186	93.0	200	0.241	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	94.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	93.5	% 42.5-16	1						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 32 (H223110-32)

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	07/19/2022	ND	2.00	99.9	2.00	1.68	
Toluene*	<0.050	0.050	07/19/2022	ND	2.19	110	2.00	2.20	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.11	106	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.62	110	6.00	2.75	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	47600	16.0	07/19/2022	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	07/19/2022	ND	203	101	200	2.86	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	206	103	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	60.5	% 43-149)						
Surrogate: 1-Chlorooctadecane	67.7	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 33 (H223110-33)

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	07/19/2022	ND	2.00	99.9	2.00	1.68	
Toluene*	<0.050	0.050	07/19/2022	ND	2.19	110	2.00	2.20	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.11	106	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.62	110	6.00	2.75	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	19200	16.0	07/19/2022	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	07/19/2022	ND	203	101	200	2.86	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	206	103	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	52.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	57.4	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: UL / O SEC 31 T8S - R34E

ma/ka

Sample ID: FL 34 (H223110-34)

RTFY 8021R

BIEX 8021B	mg	/ kg	Analyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	2.00	99.9	2.00	1.68	
Toluene*	<0.050	0.050	07/19/2022	ND	2.19	110	2.00	2.20	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.11	106	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.62	110	6.00	2.75	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-140	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	29600	16.0	07/19/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/19/2022	ND	203	101	200	2.86	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	206	103	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	46.0	% 43-149							
Surrogate: 1-Chlorooctadecane	52.1	% 42.5-16.	I						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: UL / O SEC 31 T8S - R34E

ma/ka

Sample ID: FL 35 (H223110-35)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.78	88.9	2.00	12.1	
Toluene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	13.0	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.89	94.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	5.87	97.8	6.00	13.0	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	30800	16.0	07/19/2022	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	07/19/2022	ND	203	101	200	2.86	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	206	103	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	49.9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	59.6	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 36 (H223110-36)

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	07/20/2022	ND	1.78	88.9	2.00	12.1	
Toluene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	13.0	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.89	94.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	5.87	97.8	6.00	13.0	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	29200	16.0	07/19/2022	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	07/20/2022	ND	203	101	200	2.86	
DRO >C10-C28*	12.6	10.0	07/20/2022	ND	206	103	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	80.1	% 43-149)						
Surrogate: 1-Chlorooctadecane	93.4	% 42.5-16	71						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 37 (H223110-37)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.78	88.9	2.00	12.1	
Toluene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	13.0	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.89	94.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	5.87	97.8	6.00	13.0	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20000	16.0	07/19/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	203	101	200	2.86	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	206	103	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	80.1	% 43-149)						
Surrogate: 1-Chlorooctadecane	91.0	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 38 (H223110-38)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.78	88.9	2.00	12.1	
Toluene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	13.0	
Ethylbenzene*	< 0.050	0.050	07/20/2022	ND	1.89	94.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	5.87	97.8	6.00	13.0	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18800	16.0	07/19/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	203	101	200	2.86	
DRO >C10-C28*	11.1	10.0	07/20/2022	ND	206	103	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	78.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	91.3	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 39 (H223110-39)

BTEX 8021B

	9/	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.78	88.9	2.00	12.1	
Toluene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	13.0	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.89	94.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	5.87	97.8	6.00	13.0	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15200	16.0	07/19/2022	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	07/20/2022	ND	203	101	200	2.86	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	206	103	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	83.5	% 43-149	1						
Surrogate: 1-Chlorooctadecane	95.9	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 40 (H223110-40)

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	07/20/2022	ND	1.78	88.9	2.00	12.1	
Toluene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	13.0	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.89	94.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	5.87	97.8	6.00	13.0	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15000	16.0	07/19/2022	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	07/20/2022	ND	203	101	200	2.86	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	206	103	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	76.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	88.2	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil Project Name: MONTANA JUNCTION RISER

Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 41 (H223110-41)

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	07/20/2022	ND	1.78	88.9	2.00	12.1	
Toluene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	13.0	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.89	94.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	5.87	97.8	6.00	13.0	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	21600	16.0	07/19/2022	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	07/20/2022	ND	203	101	200	2.86	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	206	103	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	66.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	75.8	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 42 (H223110-42)

BTEX 8021B

DIEX GOZID	ıııg,	K9	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.78	88.9	2.00	12.1	
Toluene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	13.0	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.89	94.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	5.87	97.8	6.00	13.0	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	23200	16.0	07/19/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	203	101	200	2.86	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	206	103	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	59.5	% 43-149							
Surrogate: 1-Chlorooctadecane	68.5	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 43 (H223110-43)

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	07/20/2022	ND	1.78	88.9	2.00	12.1	
Toluene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	13.0	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.89	94.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	5.87	97.8	6.00	13.0	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	29600	16.0	07/19/2022	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	07/20/2022	ND	203	101	200	2.86	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	206	103	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	71.2	% 43-149)						
Surrogate: 1-Chlorooctadecane	82.9	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 44 (H223110-44)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.78	88.9	2.00	12.1	
Toluene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	13.0	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.89	94.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	5.87	97.8	6.00	13.0	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32000	16.0	07/19/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/19/2022	ND	203	101	200	2.86	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	206	103	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	48.2	% 43-149)						
Surrogate: 1-Chlorooctadecane	52.0	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Tamara Oldaker Project Number: RILEY PERMIAN Sample Received By:

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 45 (H223110-45)

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	07/20/2022	ND	1.78	88.9	2.00	12.1	
Toluene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	13.0	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.89	94.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	5.87	97.8	6.00	13.0	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20000	16.0	07/19/2022	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	07/20/2022	ND	203	101	200	2.86	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	206	103	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	66.9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	70.9	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 46 (H223110-46)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.78	88.9	2.00	12.1	
Toluene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	13.0	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.89	94.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	5.87	97.8	6.00	13.0	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20400	16.0	07/19/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/19/2022	ND	203	101	200	2.86	
DRO >C10-C28*	11.3	10.0	07/19/2022	ND	206	103	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	51.1	% 43-149	1						
Surrogate: 1-Chlorooctadecane	56.5	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 47 (H223110-47)

BTEX 8021B

DILX GOZID	mg/	ng .	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.78	88.9	2.00	12.1	
Toluene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	13.0	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.89	94.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	5.87	97.8	6.00	13.0	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16000	16.0	07/19/2022	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	07/19/2022	ND	203	101	200	2.86	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	206	103	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	48.9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	54.1	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 48 (H223110-48)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.78	88.9	2.00	12.1	
Toluene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	13.0	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.89	94.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	5.87	97.8	6.00	13.0	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14000	16.0	07/19/2022	ND	432	108	400	3.77	QM-07
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/19/2022	ND	203	101	200	2.86	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	206	103	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	53.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	60.7	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 49 (H223110-49)

BTEX 8021B

DIEX OUZID	iiig/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.78	88.9	2.00	12.1	
Toluene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	13.0	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.89	94.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	5.87	97.8	6.00	13.0	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	38800	16.0	07/19/2022	ND	432	108	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	07/19/2022	ND	203	101	200	2.86	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	206	103	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	60.4	% 43-149	1						
Surrogate: 1-Chlorooctadecane	66.7	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 50 (H223110-50)

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	07/20/2022	ND	1.78	88.9	2.00	12.1	
Toluene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	13.0	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.89	94.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	5.87	97.8	6.00	13.0	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	42000	16.0	07/19/2022	ND	432	108	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	07/19/2022	ND	203	101	200	2.86	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	206	103	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	70.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	77.6	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 51 (H223110-51)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.78	88.9	2.00	12.1	
Toluene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	13.0	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.89	94.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	5.87	97.8	6.00	13.0	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	28800	16.0	07/19/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	189	94.5	200	6.65	
DRO >C10-C28*	28.5	10.0	07/20/2022	ND	202	101	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	72.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	82.4	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 52 (H223110-52)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	2.06	103	2.00	2.85	
Toluene*	<0.050	0.050	07/20/2022	ND	2.13	107	2.00	2.33	
Ethylbenzene*	< 0.050	0.050	07/20/2022	ND	2.19	109	2.00	3.46	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.71	112	6.00	3.59	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	176	88.1	200	1.15	
DRO >C10-C28*	68.7	10.0	07/20/2022	ND	189	94.6	200	1.37	
EXT DRO >C28-C36	15.8	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	71.5	% 43-149)						
Surrogate: 1-Chlorooctadecane	81.9	% 42.5-16	71						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 53 (H223110-53)

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	07/20/2022	ND	1.78	88.9	2.00	12.1	
Toluene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	13.0	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.89	94.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	5.87	97.8	6.00	13.0	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	24400	16.0	07/19/2022	ND	432	108	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	07/20/2022	ND	189	94.5	200	6.65	
DRO >C10-C28*	106	10.0	07/20/2022	ND	202	101	200	5.79	
EXT DRO >C28-C36	17.7	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	77.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	93.1	% 42.5-16	1						

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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: 07/18/2022

mg/kg

Sampling Date: 07/15/2022 Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 54 (H223110-54)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.78	88.9	2.00	12.1	
Toluene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	13.0	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.89	94.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	5.87	97.8	6.00	13.0	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	26400	16.0	07/19/2022	ND	432	108	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	07/20/2022	ND	189	94.5	200	6.65	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	202	101	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	70.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	76.9	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 55 (H223110-55)

BTEX 8021B

DIEX GOZID	ıııg,	K9	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.78	88.9	2.00	12.1	
Toluene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	13.0	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.89	94.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	5.87	97.8	6.00	13.0	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-140	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	25600	16.0	07/19/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	189	94.5	200	6.65	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	202	101	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	75.9	% 43-149							
Surrogate: 1-Chlorooctadecane	85.4	% 42.5-16.	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 56 (H223110-56)

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	07/20/2022	ND	1.85	92.3	2.00	6.58	
Toluene*	<0.050	0.050	07/20/2022	ND	2.03	102	2.00	6.62	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.98	99.1	2.00	5.11	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.18	103	6.00	4.60	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	40400	16.0	07/19/2022	ND	432	108	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	07/20/2022	ND	189	94.5	200	6.65	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	202	101	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	76.2	% 43-149)						
Surrogate: 1-Chlorooctadecane	87.0	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 57 (H223110-57)

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	07/20/2022	ND	1.85	92.3	2.00	6.58	
Toluene*	<0.050	0.050	07/20/2022	ND	2.03	102	2.00	6.62	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.98	99.1	2.00	5.11	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.18	103	6.00	4.60	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	19200	16.0	07/19/2022	ND	432	108	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	07/20/2022	ND	189	94.5	200	6.65	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	202	101	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	60.4	% 43-149	1						
Surrogate: 1-Chlorooctadecane	68.6	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 58 (H223110-58)

BTEX 8021B

DILX GOZID	11197	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.85	92.3	2.00	6.58	
Toluene*	<0.050	0.050	07/20/2022	ND	2.03	102	2.00	6.62	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.98	99.1	2.00	5.11	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.18	103	6.00	4.60	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	22800	16.0	07/19/2022	ND	432	108	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	07/20/2022	ND	189	94.5	200	6.65	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	202	101	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	73.2	% 43-149)						
Surrogate: 1-Chlorooctadecane	82.9	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 59 (H223110-59)

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	07/20/2022	ND	1.85	92.3	2.00	6.58	
Toluene*	<0.050	0.050	07/20/2022	ND	2.03	102	2.00	6.62	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.98	99.1	2.00	5.11	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.18	103	6.00	4.60	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	28800	16.0	07/19/2022	ND	432	108	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	07/20/2022	ND	189	94.5	200	6.65	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	202	101	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	69.9	% 43-149)						
Surrogate: 1-Chlorooctadecane	79.3	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Tamara Oldaker Project Number: RILEY PERMIAN Sample Received By:

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 60 (H223110-60)

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	07/20/2022	ND	1.85	92.3	2.00	6.58	
Toluene*	<0.050	0.050	07/20/2022	ND	2.03	102	2.00	6.62	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.98	99.1	2.00	5.11	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.18	103	6.00	4.60	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	26400	16.0	07/19/2022	ND	432	108	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	07/20/2022	ND	189	94.5	200	6.65	
DRO >C10-C28*	17.1	10.0	07/20/2022	ND	202	101	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	72.1	% 43-149	1						
Surrogate: 1-Chlorooctadecane	81.9	% 42.5-16	1						

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Celey D. Keene



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Celey D. Kune

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



Hungry Horse LLC	Delivered By Sampler - UPS		Relinquished By:		Relinquished By:	analyses. All claims inclus service. In no event shall a ffiliales or successors aris	PLEASE NOTE: Liability	· w	00	7	6	S	h	(u	2	1	Lab I.D.	FOR LAB USE ONLY	Sampler Name:	Project Location:	Project Name:	Project #:	Phone #: 575	City: Hobbs	Address: PO	Project Manager:	Company Name:	
ANALYSIS ARKS: ANALYSIS ANALYSIS ANALYSIS ANALYSIS ANALYSIS	- Bus -		BV: O O	minaner	3γ:	ding those for negligence and any ot Cardinal be liable for incidental or co sing out of or related to the performa	FL10 and Damages. Cardinal's liability and	FL9	FL8	FL7	FL6	FL5	FL4	FL3	FL2	FL1	Sampl						75 393-3386		O Box 1058			(575) 393-2326
ANALYSIS ARKS: ARKS: ARKS: ARKS: ARKS: ARKS: ANALYSIS	2000	Time:	Date:	ابد	1	her cause whatsoever shall nsequental damages, inclu nce of services hereunder	client's exclusive remedy f										e I.D.			8S - R34E	iser	Project Owner	Fax #:			lez	TC	FAX (575) 39:
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ANALYSIS REQUEST ANALYSIS REQUEST No. Add'l Phone #: No. Add'l Phone #: No. Add'l Fax #: No. Add'l Fax #:		ь					×	×	×	×	×	×	×	×	×	×												
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101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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					NG	SAMPLING	PRESERV.	P	— [₽]	MATRIX	3	IVIF.			ILY.	FOR LAB USE ONLY
						1	-	Fax #:						Bradley Wells	me:	Sampler Name:
						575 393-3386		Phone #:					R34E	UL/ O Sec 31 T8S - R	ation:	Project Location:
					7	Zip: 88241	M	State:						Montana Junction Riser		Project Name:
						S	Hobbs	City:			Riley Permian	ley P	Project Owner: R	Proje		Project #:
						Address: PO Box 1058	SS: PC	Addre					#:	393-3386 Fax #:	575 39	Phone #:
					2	Attn: Daniel Dominguez	Danie	Attn:		41	88241	Zip:	MM	State:	sdo	City: Hobbs
					se LLC	Hungry Horse	any	Company						(1058	PO Box 1058	Address:
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CARDINAL Laboratories 101 East Marland, Hobbs, NM 8824

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Project Manager:	Daniel Dominguez				P.O. #:			+		-			P
S L	1058				Com	Company Hu	Hungry Horse LLC	C		H			
City: Hobbs	10	State: NM	Zip:	p: 88241	Attn:	Attn: Daniel Dominguez	ninguez						
Phone #: 575 393-3386		Fax #:			Addı	Address: PO Box 1058	1058						
Project #:	P	Project Owner:		Riley Permian	City:	Hobbs				_			
Project Name: Mont	Montana Junction Riser	er e			State	State: NM Zip	Zip: 88241			_			
n:	UL/ O Sec 31 T8S -	-R34E			Pho	Phone #: 575 393-3386	3-3386			_			
Sampler Name:	Bradley Wells				Fax #:	#:				_			
٦				MA	MATRIX P	PRESERV.	SAMPLING						
Lab I.D.	Sample I.D.	I.D.	(G)RAB OR (C)OMP.	# CONTAINERS GROUNDWATER WASTEWATER SOIL	OIL SLUDGE OTHER:	ACID/BASE: ICE / COOL OTHER :	DATE TI	Chloride	трн	BTEX 8021			
عا (£121)	_		C	1 X		X 7/	7/15/22	×	×	×			
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∂3 FL23	3		С	1 ×		X 7,	7/15/22	×	×	×			
34 FL24	4		C	1 ×		X 7,	7/15/22	×	×	×			
25 FL25	5		С	1 ×		X 7.	7/15/22	×	×	×			
a√ FL26	6		C	1 ×		X 7.	7/15/22	×	×	×			
a7 FL27	7		C	1 ×		X 7.	7/15/22	×	×	×			
<i>3</i> 8 FL28	8		С	1 ×			7/15/22	×	×	×			
39 FL29	9		C	1 ×		X 7.	7/15/22	×	×	×		-	
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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remody for any client arising whether based in contract or tort, shall be imited to the amount paid by the creat for analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waved unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, afficience or enconsequent and of or related to the next-formance of services their under the characteristic of which the services contracted to the services of the or the contracted of the cont	d Damages. Cardinal's liability and cli- ig those for negligence and any other rdinal be liable for incidental or conse- tion out of or related to the performance.	ent's exclusive remed cause whatsoever st quental damages, in	dy for any claim as shall be deemed wo including without lind der by Cardinal, re-	ciaim arising whether based in contract or tort, shall be limited to the amount paor attended where whether based in writing and received by Cardinal within 30 days after or althout imitation, business interruptions, loss of use, or loss of profits incurred by delight in the cardinal regardless of whether such claim is based upon any of the above stated reas	ed in contract or tort, shall e in writing and received by interruptions, loss of use, or ler such claim is based upon er such claim is based upon	be limited to the amount of the amount of the amount of loss of profits incurred on any of the above states.	amount paid by the client for the 30 days after completion of the a ncurred by client, its subsidiaries, we stated reasons or otherwise.	of the applicable dlaries, rwise.					
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Sampler - UPS - Bu	Bus - Other:	119	e #113		A Yes A Yes	2							L

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Company Name: mung	Hungry Horse LLC		BILL TO			REQUEST
Project Manager: Danie	Daniel Dominguez		P.O. #:			
Address: PO Box 1058	8		Company Hungry Horse	e LLC		
City: Hobbs	State: NM	Zip: 88241	Attn: Daniel Dominguez			
Phone #: 575 393-3386	% Fax #:		Address: PO Box 1058			
Project #:	Project Owner:	Riley Permian	City: Hobbs			
ame:	Montana Junction Riser		State: NM Zip: 88241			
ň.	UL/ O Sec 31 T8S - R34E		Phone #: 575 393-3386			
	Bradley Wells		Fax #:			
٦		MATRIX	PRESERV. SAMPLING	IG		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	Chloride	BTEX 8021	
<i>SI</i> FL31		×	×	×	×	
32 FL32		1	X 7/15/22	×	×	
-		C 1	X 7/15/22	×	×	
34 FL34		C 1 ×	X 7/15/22	×	×	
₹ FL35		C 1 ×	X 7/15/22	×	×	
36 FL36		C 1 X	X 7/15/22	×	×	
37 FL37		C 1	X 7/15/22	×	×	
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PLEASE NOTE: Liability and Damages. Ca	Cardinal's liability and client's exclusive remedy for any claim arising whe	C 1 X	act or tort, shall be limited to the amount paid by the client for the	client for the	×	
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Relinquished By:	1	Received By:		Phone Result: Yes	No Add'I Fax #:	
The Donina	West Time: 2:34	Mouriaka	Willelaken	REMARKS:		
Relinquished By:	Date:	Received By:		Email results to:	pm@hungry-horse.com	
					benoiszewski@rileypermian.com	ian.com
Delivered By: (Circle One)	-1.300	Sample Condition Cool Intact Pres Hyes	tion CHECKED BY: (Initials)			

□ No □ No

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



		Relinquished By:	E S	2	Relinguished By:	analyses. All claims in service. In no event sh	PLEASE NOTE: Liability and Dam	5	7	4	H	14	ħ	hh	54	-6	4	Lab I.D.	FOR LAB USE ONLY	Sampler Name:	Project Location:	Project Name:	Project #:	Phone #:	City: Hobbs	Address: F	Project Manager:	Company Name:	
		By:	3		By:	cluding those all Cardinal t	ity and Dame	O FL50	49 FL49	8 FL48	7 FL47	FL46	5 FL45	4 FL44	5 FL43	2 FL42	FL41	0	٦		on:			575 393-3386	S	PO Box 1058			101
	,	Joseph J.	Mesim		No out of or related to the performance of	analyses. All claims including those for negligence and any other crause whatscover stall be deemed wated unless made in writing and received by Caucinais water or Justice and any other crause whatscover stall be deemed wated unless made in writing and received by claim, its assubstitutes. Service, in no event shall Cardinal be liable for including sequence of sealed by claim, its assubstitutes.	ges. Cardinal's liability and client's exclusive remedy for any claim arising whether be	Ö	9	8	17	6	5	4	3	2	4	Sample I.D.		Bradley Wells	UL/ O Sec 31 T	Montana Junction Riser		-3386		1058	Daniel Dominguez	Hungry Horse LLC	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



Delivered By:	Tompion of the second	Salari Salari	1: 7	Relinquished By:	analyses. All claims inch service. In no event shall affiliates or successors at	PLEASE NOTE: Liability	100	53	58	57	35	53	SY	53	25	5	Lab I.D.	FOR LAB USE ONLY	Sampler Name:	Project Location:	Project Name:	Project #:	Phone #: 57	City: Hobbs	Address: P(Project Manager:	Company Name:	
3v: (Circle One)	0	munerung	,	By:	analyses. All claims including those for negligence and any other cause whatscower shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the apply and the control of the property of the above state of the completion of the apply and the control of the apply and the control of the apply and the control of the apply and the apply apply apply apply and the apply apply apply apply apply and the apply apply apply apply apply apply apply and the apply	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether but	-	FL59	FL58	FL57	FL56	FL55	FL54	50	FL52	/ FL51	Sample I.D.		e: Bradley Wells	UL/ O Sec 31	Montana Junction Riser		575 393-3386	o,	PO Box 1058	jer: Daniel Dominguez	ne: Hungry Horse LLC	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
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2010 San		SH Received By:	10161	Received By:	shall be deemed waiwed unless made in wifting and received by Cardinal within 30 days after completion of the including without limitation, business interruptions, loss of use, or loss of profits incurred by client, is subsidiarie user by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwises	for any claim arising whether bas	C 1	C 1	C 1	C 1	C 1	C 1	C 1	C 1	C 1	C 1	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER					Riley Permian		Zip: 88241				88240 3-2476
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July 21, 2022

DANIEL DOMINGUEZ
Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: MONTANA JUNCTION RISER

Enclosed are the results of analyses for samples received by the laboratory on 07/18/22 14:34.

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/ga/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.

Celey D. Keine

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. 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:
 07/18/2022
 Sampling Date:
 07/15/2022

 Reported:
 07/21/2022
 Sampling Type:
 Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 61 (H223111-01)

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	07/20/2022	ND	1.85	92.3	2.00	6.58	
Toluene*	<0.050	0.050	07/20/2022	ND	2.03	102	2.00	6.62	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.98	99.1	2.00	5.11	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.18	103	6.00	4.60	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	19000	16.0	07/20/2022	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	07/20/2022	ND	189	94.5	200	6.65	
DRO >C10-C28*	40.7	10.0	07/20/2022	ND	202	101	200	5.79	
EXT DRO >C28-C36	11.5	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	73.2	% 43-149)						
Surrogate: 1-Chlorooctadecane	86.7	% 42.5-16	1						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 62 (H223111-02)

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	07/20/2022	ND	1.85	92.3	2.00	6.58	
Toluene*	<0.050	0.050	07/20/2022	ND	2.03	102	2.00	6.62	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.98	99.1	2.00	5.11	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.18	103	6.00	4.60	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18800	16.0	07/20/2022	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	07/20/2022	ND	189	94.5	200	6.65	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	202	101	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	72.5	% 43-149)						
Surrogate: 1-Chlorooctadecane	81.9	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 63 (H223111-03)

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	07/20/2022	ND	1.85	92.3	2.00	6.58	
Toluene*	<0.050	0.050	07/20/2022	ND	2.03	102	2.00	6.62	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.98	99.1	2.00	5.11	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.18	103	6.00	4.60	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	23600	16.0	07/20/2022	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	07/20/2022	ND	189	94.5	200	6.65	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	202	101	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	74.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	84.7	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 64 (H223111-04)

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	07/20/2022	ND	1.85	92.3	2.00	6.58	
Toluene*	<0.050	0.050	07/20/2022	ND	2.03	102	2.00	6.62	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.98	99.1	2.00	5.11	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.18	103	6.00	4.60	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	23200	16.0	07/20/2022	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	07/20/2022	ND	189	94.5	200	6.65	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	202	101	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	79.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	88.7	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 65 (H223111-05)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.85	92.3	2.00	6.58	
Toluene*	<0.050	0.050	07/20/2022	ND	2.03	102	2.00	6.62	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.98	99.1	2.00	5.11	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.18	103	6.00	4.60	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	24400	16.0	07/20/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	189	94.5	200	6.65	
DRO >C10-C28*	12.6	10.0	07/20/2022	ND	202	101	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	73.1	% 43-149	1						
Surrogate: 1-Chlorooctadecane	82.6	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 66 (H223111-06)

BTEX 8021B

DILX GOZID	11197	, kg	Alldiyac	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.85	92.3	2.00	6.58	
Toluene*	<0.050	0.050	07/20/2022	ND	2.03	102	2.00	6.62	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.98	99.1	2.00	5.11	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.18	103	6.00	4.60	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20000	16.0	07/20/2022	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	07/20/2022	ND	189	94.5	200	6.65	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	202	101	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	79.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	91.6	% 42.5-16	1						

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Celey & Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 67 (H223111-07)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.85	92.3	2.00	6.58	
Toluene*	<0.050	0.050	07/20/2022	ND	2.03	102	2.00	6.62	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.98	99.1	2.00	5.11	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.18	103	6.00	4.60	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	24000	16.0	07/20/2022	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	07/20/2022	ND	189	94.5	200	6.65	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	202	101	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	67.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	76.5	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 68 (H223111-08)

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	07/20/2022	ND	1.85	92.3	2.00	6.58	
Toluene*	<0.050	0.050	07/20/2022	ND	2.03	102	2.00	6.62	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.98	99.1	2.00	5.11	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.18	103	6.00	4.60	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14400	16.0	07/20/2022	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	07/20/2022	ND	189	94.5	200	6.65	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	202	101	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	67.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	76.7	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 69 (H223111-09)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.85	92.3	2.00	6.58	
Toluene*	<0.050	0.050	07/20/2022	ND	2.03	102	2.00	6.62	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.98	99.1	2.00	5.11	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.18	103	6.00	4.60	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13600	16.0	07/20/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	189	94.5	200	6.65	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	202	101	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	69.5	% 43-149							
Surrogate: 1-Chlorooctadecane	78.1	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 70 (H223111-10)

BTEX 8021B

	9/	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.85	92.3	2.00	6.58	
Toluene*	<0.050	0.050	07/20/2022	ND	2.03	102	2.00	6.62	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.98	99.1	2.00	5.11	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.18	103	6.00	4.60	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11200	16.0	07/20/2022	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	07/20/2022	ND	189	94.5	200	6.65	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	202	101	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	85.1	% 43-149)						
Surrogate: 1-Chlorooctadecane	95.5	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 71 (H223111-11)

BTEX 8021B

DILX GOZID	iiig/	ng .	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.85	92.3	2.00	6.58	
Toluene*	<0.050	0.050	07/20/2022	ND	2.03	102	2.00	6.62	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.98	99.1	2.00	5.11	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.18	103	6.00	4.60	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12600	16.0	07/20/2022	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	07/20/2022	ND	189	94.5	200	6.65	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	202	101	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	85.0	% 43-149	1						
Surrogate: 1-Chlorooctadecane	93.2	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 72 (H223111-12)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.85	92.3	2.00	6.58	
Toluene*	<0.050	0.050	07/20/2022	ND	2.03	102	2.00	6.62	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.98	99.1	2.00	5.11	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.18	103	6.00	4.60	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13600	16.0	07/20/2022	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	07/19/2022	ND	190	95.1	200	2.19	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	207	104	200	0.807	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	91.2	% 43-149	1						
Surrogate: 1-Chlorooctadecane	89.9	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 73 (H223111-13)

BTEX 8021B

DILX OUZID	11197	ng .	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.85	92.3	2.00	6.58	
Toluene*	<0.050	0.050	07/20/2022	ND	2.03	102	2.00	6.62	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.98	99.1	2.00	5.11	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.18	103	6.00	4.60	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13800	16.0	07/20/2022	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	07/19/2022	ND	190	95.1	200	2.19	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	207	104	200	0.807	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	96.2	% 43-149	ı						
Surrogate: 1-Chlorooctadecane	94.3	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 74 (H223111-14)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.85	92.3	2.00	6.58	
Toluene*	<0.050	0.050	07/20/2022	ND	2.03	102	2.00	6.62	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.98	99.1	2.00	5.11	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.18	103	6.00	4.60	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13600	16.0	07/20/2022	ND	400	100	400	3.92	QM-07
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	07/19/2022	ND	190	95.1	200	2.19	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	207	104	200	0.807	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	93.3	% 43-149	1						
Surrogate: 1-Chlorooctadecane	93.4	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 75 (H223111-15)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.85	92.3	2.00	6.58	
Toluene*	< 0.050	0.050	07/20/2022	ND	2.03	102	2.00	6.62	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.98	99.1	2.00	5.11	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.18	103	6.00	4.60	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12800	16.0	07/20/2022	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	07/19/2022	ND	190	95.1	200	2.19	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	207	104	200	0.807	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	95.7	% 43-149	1						
Surrogate: 1-Chlorooctadecane	95.7	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 76 (H223111-16)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	2.12	106	2.00	0.438	
Toluene*	<0.050	0.050	07/19/2022	ND	2.20	110	2.00	0.781	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.26	113	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.95	116	6.00	0.153	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12600	16.0	07/20/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/19/2022	ND	190	95.1	200	2.19	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	207	104	200	0.807	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	86.1	% 43-149)						
Surrogate: 1-Chlorooctadecane	85.0	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 77 (H223111-17)

BTEX 8021B

DILX GOZID	11197	ng .	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	2.12	106	2.00	0.438	
Toluene*	<0.050	0.050	07/19/2022	ND	2.20	110	2.00	0.781	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.26	113	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.95	116	6.00	0.153	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11000	16.0	07/20/2022	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	07/19/2022	ND	190	95.1	200	2.19	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	207	104	200	0.807	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	91.9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	90.8	% 42.5-16	1						

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Celey & Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 78 (H223111-18)

BTEX 8021B

DIEX OUZID	11197	ng .	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	2.12	106	2.00	0.438	
Toluene*	<0.050	0.050	07/19/2022	ND	2.20	110	2.00	0.781	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.26	113	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.95	116	6.00	0.153	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12200	16.0	07/20/2022	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	07/19/2022	ND	190	95.1	200	2.19	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	207	104	200	0.807	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	87.4	% 43-149	1						
Surrogate: 1-Chlorooctadecane	84.9	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

mg/kg

 Received:
 07/18/2022
 Sampling Date:
 07/15/2022

 Reported:
 07/21/2022
 Sampling Type:
 Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 79 (H223111-19)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	2.12	106	2.00	0.438	
Toluene*	<0.050	0.050	07/19/2022	ND	2.20	110	2.00	0.781	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.26	113	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.95	116	6.00	0.153	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11800	16.0	07/20/2022	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	07/19/2022	ND	190	95.1	200	2.19	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	207	104	200	0.807	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	87.2	% 43-149	1						
Surrogate: 1-Chlorooctadecane	84.8	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 80 (H223111-20)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	2.12	106	2.00	0.438	
Toluene*	<0.050	0.050	07/19/2022	ND	2.20	110	2.00	0.781	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.26	113	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.95	116	6.00	0.153	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13800	16.0	07/20/2022	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	07/19/2022	ND	190	95.1	200	2.19	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	207	104	200	0.807	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	89.9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	86.3	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 81 (H223111-21)

BTEX 8021B

DILX GOZID	11197	ng .	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	2.12	106	2.00	0.438	
Toluene*	<0.050	0.050	07/19/2022	ND	2.20	110	2.00	0.781	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.26	113	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.95	116	6.00	0.153	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14400	16.0	07/20/2022	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	07/19/2022	ND	190	95.1	200	2.19	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	207	104	200	0.807	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	87.3	% 43-149	1						
Surrogate: 1-Chlorooctadecane	83.3	% 42.5-16	I						

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Celey & Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 82 (H223111-22)

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	07/19/2022	ND	2.12	106	2.00	0.438	
Toluene*	<0.050	0.050	07/19/2022	ND	2.20	110	2.00	0.781	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.26	113	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.95	116	6.00	0.153	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	22200	16.0	07/20/2022	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	07/19/2022	ND	190	95.1	200	2.19	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	207	104	200	0.807	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	76.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	73.6	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 83 (H223111-23)

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	07/19/2022	ND	2.12	106	2.00	0.438	
Toluene*	<0.050	0.050	07/19/2022	ND	2.20	110	2.00	0.781	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.26	113	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.95	116	6.00	0.153	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	21000	16.0	07/20/2022	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	07/19/2022	ND	190	95.1	200	2.19	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	207	104	200	0.807	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	84.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	81.1	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 84 (H223111-24)

BTEX 8021B

	9/	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	2.12	106	2.00	0.438	
Toluene*	<0.050	0.050	07/19/2022	ND	2.20	110	2.00	0.781	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.26	113	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.95	116	6.00	0.153	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18200	16.0	07/20/2022	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	07/19/2022	ND	190	95.1	200	2.19	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	207	104	200	0.807	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	84.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	81.2	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 85 (H223111-25)

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	07/19/2022	ND	2.12	106	2.00	0.438	
Toluene*	<0.050	0.050	07/19/2022	ND	2.20	110	2.00	0.781	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.26	113	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.95	116	6.00	0.153	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12800	16.0	07/20/2022	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	07/19/2022	ND	190	95.1	200	2.19	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	207	104	200	0.807	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	84.7	% 43-149							
Surrogate: 1-Chlorooctadecane	81.0	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 86 (H223111-26)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	2.12	106	2.00	0.438	
Toluene*	<0.050	0.050	07/19/2022	ND	2.20	110	2.00	0.781	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.26	113	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.95	116	6.00	0.153	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14200	16.0	07/20/2022	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	07/19/2022	ND	190	95.1	200	2.19	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	207	104	200	0.807	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	87.9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	84.5	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 87 (H223111-27)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	2.12	106	2.00	0.438	
Toluene*	<0.050	0.050	07/19/2022	ND	2.20	110	2.00	0.781	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.26	113	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.95	116	6.00	0.153	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12600	16.0	07/20/2022	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	07/19/2022	ND	190	95.1	200	2.19	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	207	104	200	0.807	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	86.3	% 43-149	1						
Surrogate: 1-Chlorooctadecane	82.4	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 88 (H223111-28)

BTEX 8021B

DILX GOZID	mg/	ng .	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	2.12	106	2.00	0.438	
Toluene*	<0.050	0.050	07/19/2022	ND	2.20	110	2.00	0.781	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.26	113	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.95	116	6.00	0.153	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12000	16.0	07/20/2022	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	07/19/2022	ND	190	95.1	200	2.19	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	207	104	200	0.807	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	84.8	% 43-149	1						
Surrogate: 1-Chlorooctadecane	81.9	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 89 (H223111-29)

BTEX 8021B

DILX GOZID	mg/	ng .	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	2.11	106	2.00	4.39	
Toluene*	<0.050	0.050	07/20/2022	ND	2.23	112	2.00	3.99	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.29	114	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.98	116	6.00	3.38	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18600	16.0	07/20/2022	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	07/19/2022	ND	190	95.1	200	2.19	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	207	104	200	0.807	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	82.6	% 43-149	1						
Surrogate: 1-Chlorooctadecane	78.3	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 90 (H223111-30)

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	07/20/2022	ND	2.11	106	2.00	4.39	
Toluene*	<0.050	0.050	07/20/2022	ND	2.23	112	2.00	3.99	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.29	114	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.98	116	6.00	3.38	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	39200	16.0	07/20/2022	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	07/19/2022	ND	190	95.1	200	2.19	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	207	104	200	0.807	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	84.9	% 43-149)						
Surrogate: 1-Chlorooctadecane	79.6	% 42.5-16	71						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 91 (H223111-31)

BTEX 8021B

DIEX OUZID	ıııg,	K9	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	2.11	106	2.00	4.39	
Toluene*	<0.050	0.050	07/20/2022	ND	2.23	112	2.00	3.99	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.29	114	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.98	116	6.00	3.38	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12400	16.0	07/20/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/19/2022	ND	190	95.1	200	2.19	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	207	104	200	0.807	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	90.3	% 43-149							
Surrogate: 1-Chlorooctadecane	85.6	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 92 (H223111-32)

BTEX 8021B

DIEX GOZID	9/	<u>ng</u>	Allulyzo	.u by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	1.91	95.5	2.00	9.31	
Toluene*	<0.050	0.050	07/19/2022	ND	1.95	97.7	2.00	9.40	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.00	99.8	2.00	9.13	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.15	103	6.00	8.53	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18800	16.0	07/20/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	213	106	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	222	111	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	89.7	% 43-149							
Surrogate: 1-Chlorooctadecane	86.5	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 93 (H223111-33)

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	07/19/2022	ND	1.91	95.5	2.00	9.31	
Toluene*	<0.050	0.050	07/19/2022	ND	1.95	97.7	2.00	9.40	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.00	99.8	2.00	9.13	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.15	103	6.00	8.53	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13600	16.0	07/20/2022	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	07/20/2022	ND	213	106	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	222	111	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	81.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	77.5	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 94 (H223111-34)

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	07/19/2022	ND	1.91	95.5	2.00	9.31	
Toluene*	<0.050	0.050	07/19/2022	ND	1.95	97.7	2.00	9.40	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.00	99.8	2.00	9.13	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.15	103	6.00	8.53	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10600	16.0	07/20/2022	ND	432	108	400	3.77	QM-07
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	07/20/2022	ND	213	106	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	222	111	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	89.1	% 43-149)						
Surrogate: 1-Chlorooctadecane	82.6	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 95 (H223111-35)

BTEX 8021B

DILX GOZID	mg/	ng .	Allulyzo	u by. 511/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	1.91	95.5	2.00	9.31	
Toluene*	<0.050	0.050	07/19/2022	ND	1.95	97.7	2.00	9.40	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.00	99.8	2.00	9.13	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.15	103	6.00	8.53	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14800	16.0	07/20/2022	ND	432	108	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	07/20/2022	ND	213	106	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	222	111	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	79.1	% 43-149	1						
Surrogate: 1-Chlorooctadecane	73.5	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 96 (H223111-36)

BTEX 8021B

DILX GOZID	mg/	ng .	Allulyzo	u by. 511/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	1.91	95.5	2.00	9.31	
Toluene*	<0.050	0.050	07/19/2022	ND	1.95	97.7	2.00	9.40	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.00	99.8	2.00	9.13	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.15	103	6.00	8.53	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14600	16.0	07/20/2022	ND	432	108	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	07/20/2022	ND	213	106	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	222	111	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	80.2	% 43-149	1						
Surrogate: 1-Chlorooctadecane	75.1	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 97 (H223111-37)

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	07/19/2022	ND	1.91	95.5	2.00	9.31	
Toluene*	<0.050	0.050	07/19/2022	ND	1.95	97.7	2.00	9.40	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.00	99.8	2.00	9.13	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.15	103	6.00	8.53	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	24400	16.0	07/20/2022	ND	432	108	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	07/20/2022	ND	213	106	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	222	111	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	82.5	% 43-149)						
Surrogate: 1-Chlorooctadecane	78.3	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 98 (H223111-38)

BTEX 8021B

	9/	9	7	1 1 ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	1.91	95.5	2.00	9.31	
Toluene*	<0.050	0.050	07/19/2022	ND	1.95	97.7	2.00	9.40	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.00	99.8	2.00	9.13	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.15	103	6.00	8.53	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	22400	16.0	07/20/2022	ND	432	108	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	07/20/2022	ND	213	106	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	222	111	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	83.0	% 43-149	1						
Surrogate: 1-Chlorooctadecane	77.6	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 99 (H223111-39)

BTEX 8021B

DILX GOZID	mg/	ng .	Andryzo	u by. 511/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	1.91	95.5	2.00	9.31	
Toluene*	<0.050	0.050	07/19/2022	ND	1.95	97.7	2.00	9.40	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.00	99.8	2.00	9.13	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.15	103	6.00	8.53	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18000	16.0	07/20/2022	ND	432	108	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	07/20/2022	ND	213	106	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	222	111	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	81.8	% 43-149	1						
Surrogate: 1-Chlorooctadecane	76.6	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 100 (H223111-40)

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	07/19/2022	ND	1.91	95.5	2.00	9.31	
Toluene*	<0.050	0.050	07/19/2022	ND	1.95	97.7	2.00	9.40	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.00	99.8	2.00	9.13	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.15	103	6.00	8.53	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10600	16.0	07/20/2022	ND	432	108	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	07/20/2022	ND	213	106	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	222	111	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	85.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	79.7	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 101 (H223111-41)

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	07/19/2022	ND	1.91	95.5	2.00	9.31	
Toluene*	<0.050	0.050	07/19/2022	ND	1.95	97.7	2.00	9.40	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.00	99.8	2.00	9.13	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.15	103	6.00	8.53	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18600	16.0	07/20/2022	ND	432	108	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	07/20/2022	ND	213	106	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	222	111	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	83.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	76.4	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 102 (H223111-42)

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	07/19/2022	ND	1.91	95.5	2.00	9.31	
Toluene*	<0.050	0.050	07/19/2022	ND	1.95	97.7	2.00	9.40	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.00	99.8	2.00	9.13	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.15	103	6.00	8.53	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7800	16.0	07/20/2022	ND	432	108	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	07/20/2022	ND	213	106	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	222	111	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	84.8	% 43-149	1						
Surrogate: 1-Chlorooctadecane	78.8	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: UL / O SEC 31 T8S - R34E

ma/ka

Sample ID: FL 103 (H223111-43)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2022	ND	1.91	95.5	2.00	9.31	
Toluene*	< 0.050	0.050	07/19/2022	ND	1.95	97.7	2.00	9.40	
Ethylbenzene*	< 0.050	0.050	07/19/2022	ND	2.00	99.8	2.00	9.13	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.15	103	6.00	8.53	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10200	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	213	106	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	222	111	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	86.4	% 43-149	1						
Surrogate: 1-Chlorooctadecane	78.3	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 104 (H223111-44)

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	07/19/2022	ND	1.91	95.5	2.00	9.31	
Toluene*	<0.050	0.050	07/19/2022	ND	1.95	97.7	2.00	9.40	
Ethylbenzene*	<0.050	0.050	07/19/2022	ND	2.00	99.8	2.00	9.13	
Total Xylenes*	<0.150	0.150	07/19/2022	ND	6.15	103	6.00	8.53	
Total BTEX	<0.300	0.300	07/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8200	16.0	07/20/2022	ND	432	108	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	07/20/2022	ND	213	106	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	222	111	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	87.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	81.9	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: UL / O SEC 31 T8S - R34E

ma/ka

Sample ID: FL 105 (H223111-45)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.91	95.5	2.00	9.31	
Toluene*	< 0.050	0.050	07/20/2022	ND	1.95	97.7	2.00	9.40	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.00	99.8	2.00	9.13	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.15	103	6.00	8.53	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11200	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	213	106	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	222	111	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	74.8	% 43-149							
Surrogate: 1-Chlorooctadecane	66.7	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 106 (H223111-46)

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	07/20/2022	ND	1.91	95.5	2.00	9.31	
Toluene*	<0.050	0.050	07/20/2022	ND	1.95	97.7	2.00	9.40	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.00	99.8	2.00	9.13	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.15	103	6.00	8.53	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10800	16.0	07/20/2022	ND	432	108	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	07/20/2022	ND	213	106	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	222	111	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	78.1	% 43-149)						
Surrogate: 1-Chlorooctadecane	70.6	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 107 (H223111-47)

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	07/20/2022	ND	1.91	95.5	2.00	9.31	
Toluene*	<0.050	0.050	07/20/2022	ND	1.95	97.7	2.00	9.40	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.00	99.8	2.00	9.13	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.15	103	6.00	8.53	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16200	16.0	07/20/2022	ND	432	108	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	07/20/2022	ND	213	106	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	222	111	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	83.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	75.7	% 42.5-16	1						

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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:
 07/18/2022
 Sampling Date:
 07/15/2022

 Reported:
 07/21/2022
 Sampling Type:
 Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 108 (H223111-48)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.91	95.5	2.00	9.31	
Toluene*	<0.050	0.050	07/20/2022	ND	1.95	97.7	2.00	9.40	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.00	99.8	2.00	9.13	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.15	103	6.00	8.53	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2560	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	213	106	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	222	111	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	85.5	% 43-149)						
Surrogate: 1-Chlorooctadecane	79.6	% 42.5-16	71						

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Celey D. Kreine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 109 (H223111-49)

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	07/20/2022	ND	1.91	95.5	2.00	9.31	
Toluene*	<0.050	0.050	07/20/2022	ND	1.95	97.7	2.00	9.40	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.00	99.8	2.00	9.13	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.15	103	6.00	8.53	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9600	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	213	106	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	222	111	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	75.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	67.5	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 110 (H223111-50)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.91	95.5	2.00	9.31	
Toluene*	<0.050	0.050	07/20/2022	ND	1.95	97.7	2.00	9.40	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.00	99.8	2.00	9.13	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.15	103	6.00	8.53	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13400	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	213	106	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	222	111	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	87.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	77.5	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 111 (H223111-51)

BTEX 8021B

DIEX GOZID	ilig/ kg		Analyzea by: 511/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.91	95.5	2.00	9.31	
Toluene*	<0.050	0.050	07/20/2022	ND	1.95	97.7	2.00	9.40	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.00	99.8	2.00	9.13	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.15	103	6.00	8.53	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-140	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10000	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	213	106	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	222	111	200	0.404	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	78.5	% 43-149	1						
Surrogate: 1-Chlorooctadecane	67.3	% 42.5-16.	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 112 (H223111-52)

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	07/20/2022	ND	1.91	95.3	2.00	9.48	
Toluene*	<0.050	0.050	07/20/2022	ND	1.95	97.5	2.00	9.26	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.97	98.4	2.00	10.3	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.05	101	6.00	9.84	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10800	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/19/2022	ND	188	94.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	189	94.5	200	6.26	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	82.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	89.6	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Sample Received By: Project Number: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 113 (H223111-53)

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	07/20/2022	ND	1.91	95.3	2.00	9.48	
Toluene*	<0.050	0.050	07/20/2022	ND	1.95	97.5	2.00	9.26	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.97	98.4	2.00	10.3	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.05	101	6.00	9.84	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10200	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/19/2022	ND	188	94.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	189	94.5	200	6.26	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	79.9	% 43-149							
Surrogate: 1-Chlorooctadecane	86.5	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 114 (H223111-54)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.91	95.3	2.00	9.48	
Toluene*	<0.050	0.050	07/20/2022	ND	1.95	97.5	2.00	9.26	
Ethylbenzene*	< 0.050	0.050	07/20/2022	ND	1.97	98.4	2.00	10.3	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.05	101	6.00	9.84	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10800	16.0	07/20/2022	ND	432	108	400	0.00	QM-07
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	07/19/2022	ND	188	94.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	189	94.5	200	6.26	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	72.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	79.4	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 115 (H223111-55)

BTEX 8021B

DILX GOZID	mg/kg		Allulyzo	Analyzed by: 311/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.91	95.3	2.00	9.48	
Toluene*	<0.050	0.050	07/20/2022	ND	1.95	97.5	2.00	9.26	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.97	98.4	2.00	10.3	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.05	101	6.00	9.84	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12400	16.0	07/20/2022	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	07/19/2022	ND	188	94.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	189	94.5	200	6.26	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	75.3	% 43-149	1						
Surrogate: 1-Chlorooctadecane	82.4	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 116 (H223111-56)

BTEX 8021B

DILX GOZID	ilig/	mg/ kg		Allulyzeu by: 511/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.91	95.3	2.00	9.48	
Toluene*	<0.050	0.050	07/20/2022	ND	1.95	97.5	2.00	9.26	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.97	98.4	2.00	10.3	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.05	101	6.00	9.84	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8800	16.0	07/20/2022	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	07/19/2022	ND	188	94.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	189	94.5	200	6.26	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	75.6	% 43-149	1						
Surrogate: 1-Chlorooctadecane	83.8	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 117 (H223111-57)

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	07/20/2022	ND	1.91	95.3	2.00	9.48	
Toluene*	<0.050	0.050	07/20/2022	ND	1.95	97.5	2.00	9.26	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.97	98.4	2.00	10.3	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.05	101	6.00	9.84	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12000	16.0	07/20/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/19/2022	ND	188	94.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	189	94.5	200	6.26	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	72.9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	80.9	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 118 (H223111-58)

BTEX 8021B

DIEX GOZID	mg/ kg		Alluly2cu Dy. 311/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.91	95.3	2.00	9.48	
Toluene*	<0.050	0.050	07/20/2022	ND	1.95	97.5	2.00	9.26	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.97	98.4	2.00	10.3	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.05	101	6.00	9.84	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 69.9-140	9						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9600	16.0	07/20/2022	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	07/19/2022	ND	188	94.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/19/2022	ND	189	94.5	200	6.26	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	69.6	% 43-149							
Surrogate: 1-Chlorooctadecane	75.5	% 42.5-161	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: UL / O SEC 31 T8S - R34E

ma/ka

Sample ID: FL 119 (H223111-59)

RTFY 8021R

BIEX 8021B	тд/кд		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.91	95.3	2.00	9.48	
Toluene*	<0.050	0.050	07/20/2022	ND	1.95	97.5	2.00	9.26	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.97	98.4	2.00	10.3	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.05	101	6.00	9.84	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9800	16.0	07/20/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	188	94.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	189	94.5	200	6.26	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	72.0	% 43-149	1						
Surrogate: 1-Chlorooctadecane	78.8	% 42.5-16	1						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

ecovery.

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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CARDINAL Laboratories 101 Fast Marland, Hobbs, NM 88240

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Company Name:	Hungry Horse LLC	0			BILL TO				AN	ANALYSIS REQUEST	Pac
Project Manager:	Daniel Dominguez	Z			P.O. #:						
Address: PO Bo	PO Box 1058				Company Hungry	Hungry Horse LLC	-	H			
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	FL115		C 1	×	X 7/15/22	22	×	×	×		
56 F	FL116		C 1	×	X 7/15/22	22	×	×	×		
57 F	FL117		C 1	×	X 7/15/22	22	×	+	×		
58 F	FL118		C 1	×		22	+	+	×		
59 F	FL119		C 1	×	X 7/15/22	22	×	×	×		
PLEASE NOTE: Liability and C analyses. All claims including t service. In no event shall Card	PLEASE NOTE: Liability and Damages. Cardinat's liability and client's exclusive remedy for any claim arising whether analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless r service. In no event shall Cardinal be liable for incidental or consequental damages, including without fimilation, busin service. In no event shall Cardinal be liable for incidental or consequental damages, including without fimilation, busin service.	client's exclusive remedy er cause whatsoever sha isequental damages, inc	for any claim arising wh Il be deemed waived un uding without limitation,	ether based in contract or to less made in writing and reci- business interruptions, loss of	PLEASE NOTE: Liability and Damages. Cardinat's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of the above that descent or otherwise.	d by the client for the r completion of the applica lient, its subsidiaries,	ble				
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July 21, 2022

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

RE: MONTANA JUNCTION RISER

Enclosed are the results of analyses for samples received by the laboratory on 07/18/22 14:38.

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

Celey D. Keine

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. Keene

Lab Director/Quality Manager



Tamara Oldaker

Sample Received By:

Analytical Results For:

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

Fax To: (505) 391-4585

 Received:
 07/18/2022
 Sampling Date:
 07/15/2022

 Reported:
 07/21/2022
 Sampling Type:
 Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact

Project Location: UL / O SEC 31 T8S - R34E

RILEY PERMIAN

Sample ID: SW 1 (H223112-01)

Project Number:

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	07/21/2022	ND	1.91	95.3	2.00	9.48	
Toluene*	0.137	0.050	07/21/2022	ND	1.95	97.5	2.00	9.26	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	1.97	98.4	2.00	10.3	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.05	101	6.00	9.84	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/20/2022	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	07/20/2022	ND	188	94.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	189	94.5	200	6.26	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	72.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	81.2	% 42.5-16	1						

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Celey & Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: UL / O SEC 31 T8S - R34E

ma/ka

Sample ID: SW 2 (H223112-02)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.91	95.3	2.00	9.48	
Toluene*	<0.050	0.050	07/20/2022	ND	1.95	97.5	2.00	9.26	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.97	98.4	2.00	10.3	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.05	101	6.00	9.84	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/20/2022	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	07/20/2022	ND	188	94.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	189	94.5	200	6.26	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	76.3	% 43-149	1						
Surrogate: 1-Chlorooctadecane	85.0	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: SW 3 (H223112-03)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.91	95.3	2.00	9.48	
Toluene*	<0.050	0.050	07/20/2022	ND	1.95	97.5	2.00	9.26	
Ethylbenzene*	< 0.050	0.050	07/20/2022	ND	1.97	98.4	2.00	10.3	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.05	101	6.00	9.84	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	07/20/2022	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	07/20/2022	ND	188	94.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	189	94.5	200	6.26	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	73.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	83.0	% 42.5-16	71						

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: SW 4 (H223112-04)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	a by. 511/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.91	95.3	2.00	9.48	
Toluene*	<0.050	0.050	07/20/2022	ND	1.95	97.5	2.00	9.26	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.97	98.4	2.00	10.3	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.05	101	6.00	9.84	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	07/20/2022	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	07/20/2022	ND	188	94.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	189	94.5	200	6.26	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	75.4	% 43-149	1						
Surrogate: 1-Chlorooctadecane	81.3	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: SW 5 (H223112-05)

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	07/20/2022	ND	1.91	95.3	2.00	9.48	
Toluene*	<0.050	0.050	07/20/2022	ND	1.95	97.5	2.00	9.26	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.97	98.4	2.00	10.3	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.05	101	6.00	9.84	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/20/2022	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	07/20/2022	ND	188	94.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	189	94.5	200	6.26	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	68.4	% 43-149	1						
Surrogate: 1-Chlorooctadecane	76.4	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: SW 6 (H223112-06)

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	07/20/2022	ND	1.91	95.3	2.00	9.48	
Toluene*	<0.050	0.050	07/20/2022	ND	1.95	97.5	2.00	9.26	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.97	98.4	2.00	10.3	
Total Xylenes*	< 0.150	0.150	07/20/2022	ND	6.05	101	6.00	9.84	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/20/2022	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	07/20/2022	ND	188	94.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	189	94.5	200	6.26	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	70.1	% 43-149	1						
Surrogate: 1-Chlorooctadecane	77.5	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: SW 7 (H223112-07)

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	07/20/2022	ND	1.91	95.3	2.00	9.48	
Toluene*	<0.050	0.050	07/20/2022	ND	1.95	97.5	2.00	9.26	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.97	98.4	2.00	10.3	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.05	101	6.00	9.84	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/20/2022	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	07/20/2022	ND	188	94.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	189	94.5	200	6.26	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	66.5	% 43-149	1						
Surrogate: 1-Chlorooctadecane	72.7	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: SW 8 (H223112-08)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.91	95.3	2.00	9.48	
Toluene*	<0.050	0.050	07/20/2022	ND	1.95	97.5	2.00	9.26	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.97	98.4	2.00	10.3	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.05	101	6.00	9.84	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/20/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	188	94.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	189	94.5	200	6.26	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	71.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	77.5	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: SW 9 (H223112-09)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.91	95.3	2.00	9.48	
Toluene*	0.059	0.050	07/20/2022	ND	1.95	97.5	2.00	9.26	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.97	98.4	2.00	10.3	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.05	101	6.00	9.84	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	188	94.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	189	94.5	200	6.26	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	65.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	70.6	% 42.5-16	71						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Sample Received By: Project Number: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: SW 10 (H223112-10)

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	07/20/2022	ND	1.91	95.3	2.00	9.48	
Toluene*	<0.050	0.050	07/20/2022	ND	1.95	97.5	2.00	9.26	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.97	98.4	2.00	10.3	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.05	101	6.00	9.84	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	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	07/20/2022	ND	188	94.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	189	94.5	200	6.26	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	70.8	% 43-149	1						
Surrogate: 1-Chlorooctadecane	76.0	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: UL / O SEC 31 T8S - R34E

ma/ka

Sample ID: SW 11 (H223112-11)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.91	95.3	2.00	9.48	
Toluene*	<0.050	0.050	07/20/2022	ND	1.95	97.5	2.00	9.26	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.97	98.4	2.00	10.3	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.05	101	6.00	9.84	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/20/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	188	94.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	189	94.5	200	6.26	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	73.2	% 43-149	1						
Surrogate: 1-Chlorooctadecane	80.7	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: SW 12 (H223112-12)

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	07/20/2022	ND	1.91	95.3	2.00	9.48	
Toluene*	<0.050	0.050	07/20/2022	ND	1.95	97.5	2.00	9.26	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	1.97	98.4	2.00	10.3	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.05	101	6.00	9.84	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/20/2022	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	07/20/2022	ND	188	94.0	200	2.06	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	189	94.5	200	6.26	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	72.2	% 43-149)						
Surrogate: 1-Chlorooctadecane	77.8	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: SW 13 (H223112-13)

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	07/20/2022	ND	2.11	106	2.00	4.39	
Toluene*	<0.050	0.050	07/20/2022	ND	2.23	112	2.00	3.99	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.29	114	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.98	116	6.00	3.38	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/20/2022	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	07/20/2022	ND	176	88.1	200	1.15	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	189	94.6	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	72.0 9	% 43-149)						
Surrogate: 1-Chlorooctadecane	78.1 9	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: SW 14 (H223112-14)

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	07/20/2022	ND	2.11	106	2.00	4.39	
Toluene*	<0.050	0.050	07/20/2022	ND	2.23	112	2.00	3.99	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.29	114	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.98	116	6.00	3.38	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/20/2022	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	07/20/2022	ND	176	88.1	200	1.15	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	189	94.6	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	70.0	% 43-149	1						
Surrogate: 1-Chlorooctadecane	75.0	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: SW 15 (H223112-15)

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	07/20/2022	ND	2.11	106	2.00	4.39	
Toluene*	<0.050	0.050	07/20/2022	ND	2.23	112	2.00	3.99	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.29	114	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.98	116	6.00	3.38	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/20/2022	ND	432	108	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	07/20/2022	ND	176	88.1	200	1.15	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	189	94.6	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	69.6	% 43-149	1						
Surrogate: 1-Chlorooctadecane	75.1	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: SW 16 (H223112-16)

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	07/20/2022	ND	2.11	106	2.00	4.39	
Toluene*	<0.050	0.050	07/20/2022	ND	2.23	112	2.00	3.99	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.29	114	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.98	116	6.00	3.38	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/20/2022	ND	432	108	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	07/20/2022	ND	176	88.1	200	1.15	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	189	94.6	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	66.9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	71.4	% 42.5-16	1						

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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: 07/18/2022 Sampling Date: 07/15/2022

Reported: 07/21/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: SW 17 (H223112-17)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	2.11	106	2.00	4.39	
Toluene*	<0.050	0.050	07/20/2022	ND	2.23	112	2.00	3.99	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.29	114	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.98	116	6.00	3.38	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	176	88.1	200	1.15	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	189	94.6	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	66.1	% 43-149)						
Surrogate: 1-Chlorooctadecane	71.0	% 42.5-16	1						

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Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Celey D. Keene



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Project Manager:	r: Daniel Dominguez									P.O.	0.#	1.7	1							-					
Address: PO	PO Box 1058									Co	Company	any		Hungry Horse LLC	SE LLC				Ш	_				_	
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5	SW5			0	7	\vdash	×	1		+	+	×	1	7/15/22		×	×	×		+	+	+	+		
6	SW6		-	0	-	+	×	+	+	+	+	×		7/15/22		×	×	×		+	+	+	+	1	
7	SW7		-	_	-	+	×	+	+	+	+	×		7/15/22		< ×	< ×	< ×		+	+	+			
8	SW8		-	0	+	+	×	+^	+	+	+	×		7/15/22		×	< >	< >	1	+	+	+			
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August 05, 2022

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

RE: MONTANA JUNCTION RISER

Enclosed are the results of analyses for samples received by the laboratory on 07/29/22 16:35.

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

Celey D. Keine

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. 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: 07/29/2022 Sampling Date: 07/29/2022 Soil

Reported: 08/05/2022 Sampling Type: Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact

Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 2A (H223374-01)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2022	ND	1.91	95.5	2.00	0.248	
Toluene*	<0.050	0.050	08/03/2022	ND	2.02	101	2.00	1.72	
Ethylbenzene*	<0.050	0.050	08/03/2022	ND	2.00	99.9	2.00	2.06	
Total Xylenes*	<0.150	0.150	08/03/2022	ND	6.19	103	6.00	2.84	
Total BTEX	<0.300	0.300	08/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14400	16.0	08/03/2022	ND	432	108	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	08/03/2022	ND	212	106	200	13.6	
DRO >C10-C28*	<10.0	10.0	08/03/2022	ND	223	112	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	08/03/2022	ND					
Surrogate: 1-Chlorooctane	84.3	% 43-149	1						
Surrogate: 1-Chlorooctadecane	83.0	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

,

mg/kg

Received: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 3A (H223374-02)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2022	ND	1.91	95.5	2.00	0.248	
Toluene*	<0.050	0.050	08/03/2022	ND	2.02	101	2.00	1.72	
Ethylbenzene*	<0.050	0.050	08/03/2022	ND	2.00	99.9	2.00	2.06	
Total Xylenes*	<0.150	0.150	08/03/2022	ND	6.19	103	6.00	2.84	
Total BTEX	<0.300	0.300	08/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2680	16.0	08/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2022	ND	212	106	200	13.6	
DRO >C10-C28*	<10.0	10.0	08/03/2022	ND	223	112	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	08/03/2022	ND					
Surrogate: 1-Chlorooctane	91.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	90.1	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 4A (H223374-03)

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	08/03/2022	ND	1.91	95.5	2.00	0.248	
Toluene*	<0.050	0.050	08/03/2022	ND	2.02	101	2.00	1.72	
Ethylbenzene*	<0.050	0.050	08/03/2022	ND	2.00	99.9	2.00	2.06	
Total Xylenes*	<0.150	0.150	08/03/2022	ND	6.19	103	6.00	2.84	
Total BTEX	<0.300	0.300	08/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-140	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20400	16.0	08/03/2022	ND	432	108	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	08/03/2022	ND	212	106	200	13.6	
DRO >C10-C28*	<10.0	10.0	08/03/2022	ND	223	112	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	08/03/2022	ND					
Surrogate: 1-Chlorooctane	93.6	% 43-149							
Surrogate: 1-Chlorooctadecane	91.3	% 42.5-16.	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 5A (H223374-04)

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	08/03/2022	ND	1.91	95.5	2.00	0.248	
Toluene*	<0.050	0.050	08/03/2022	ND	2.02	101	2.00	1.72	
Ethylbenzene*	<0.050	0.050	08/03/2022	ND	2.00	99.9	2.00	2.06	
Total Xylenes*	<0.150	0.150	08/03/2022	ND	6.19	103	6.00	2.84	
Total BTEX	<0.300	0.300	08/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	08/03/2022	ND	432	108	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	08/03/2022	ND	212	106	200	13.6	
DRO >C10-C28*	<10.0	10.0	08/03/2022	ND	223	112	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	08/03/2022	ND					
Surrogate: 1-Chlorooctane	91.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	90.6	% 42.5-16	71						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker RILEY PERMIAN

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 6A (H223374-05)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2022	ND	1.95	97.6	2.00	0.509	QM-07
Toluene*	<0.050	0.050	08/03/2022	ND	2.09	104	2.00	4.12	QR-03
Ethylbenzene*	<0.050	0.050	08/03/2022	ND	1.99	99.6	2.00	1.20	QR-03
Total Xylenes*	<0.150	0.150	08/03/2022	ND	6.20	103	6.00	1.55	QR-03
Total BTEX	<0.300	0.300	08/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20400	16.0	08/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2022	ND	212	106	200	13.6	
DRO >C10-C28*	<10.0	10.0	08/03/2022	ND	223	112	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	08/03/2022	ND					
Surrogate: 1-Chlorooctane	90.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	88.8	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

(000) 002 101

mg/kg

 Received:
 07/29/2022
 Sampling Date:
 07/29/2022

 Reported:
 08/05/2022
 Sampling Type:
 Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 7A (H223374-06)

BTEX 8021B

DILX GOZID	ıııg,	ng .	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2022	ND	1.95	97.6	2.00	0.509	
Toluene*	<0.050	0.050	08/03/2022	ND	2.09	104	2.00	4.12	
Ethylbenzene*	<0.050	0.050	08/03/2022	ND	1.99	99.6	2.00	1.20	
Total Xylenes*	<0.150	0.150	08/03/2022	ND	6.20	103	6.00	1.55	
Total BTEX	<0.300	0.300	08/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	08/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2022	ND	212	106	200	13.6	
DRO >C10-C28*	<10.0	10.0	08/03/2022	ND	223	112	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	08/03/2022	ND					
Surrogate: 1-Chlorooctane	84.2	% 43-149							
Surrogate: 1-Chlorooctadecane	82.3	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker RILEY PERMIAN

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 9A (H223374-07)

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	08/03/2022	ND	1.95	97.6	2.00	0.509	
Toluene*	<0.050	0.050	08/03/2022	ND	2.09	104	2.00	4.12	
Ethylbenzene*	<0.050	0.050	08/03/2022	ND	1.99	99.6	2.00	1.20	
Total Xylenes*	<0.150	0.150	08/03/2022	ND	6.20	103	6.00	1.55	
Total BTEX	<0.300	0.300	08/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	23200	16.0	08/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2022	ND	212	106	200	13.6	
DRO >C10-C28*	<10.0	10.0	08/03/2022	ND	223	112	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	08/03/2022	ND					
Surrogate: 1-Chlorooctane	90.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	88.1	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 10A (H223374-08)

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	08/03/2022	ND	1.95	97.6	2.00	0.509	
Toluene*	<0.050	0.050	08/03/2022	ND	2.09	104	2.00	4.12	
Ethylbenzene*	<0.050	0.050	08/03/2022	ND	1.99	99.6	2.00	1.20	
Total Xylenes*	<0.150	0.150	08/03/2022	ND	6.20	103	6.00	1.55	
Total BTEX	<0.300	0.300	08/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1310	16.0	08/03/2022	ND	432	108	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	08/03/2022	ND	212	106	200	13.6	
DRO >C10-C28*	<10.0	10.0	08/03/2022	ND	223	112	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	08/03/2022	ND					
Surrogate: 1-Chlorooctane	82.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	79.4	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 11A (H223374-09)

BTEX 8021B	mg/	'kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2022	ND	1.95	97.6	2.00	0.509	
Toluene*	<0.050	0.050	08/03/2022	ND	2.09	104	2.00	4.12	
Ethylbenzene*	<0.050	0.050	08/03/2022	ND	1.99	99.6	2.00	1.20	
Total Xylenes*	<0.150	0.150	08/03/2022	ND	6.20	103	6.00	1.55	
Total BTEX	<0.300	0.300	08/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	27600	16.0	08/03/2022	ND	432	108	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	08/03/2022	ND	212	106	200	13.6	
DRO >C10-C28*	<10.0	10.0	08/03/2022	ND	223	112	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	08/03/2022	ND					
Surrogate: 1-Chlorooctane	93.5	% 43-149)						
Surrogate: 1-Chlorooctadecane	91.4	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Tamara Oldaker Project Number: RILEY PERMIAN Sample Received By:

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 13A (H223374-10)

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	08/04/2022	ND	1.95	97.6	2.00	0.509	
Toluene*	<0.050	0.050	08/04/2022	ND	2.09	104	2.00	4.12	
Ethylbenzene*	< 0.050	0.050	08/04/2022	ND	1.99	99.6	2.00	1.20	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.20	103	6.00	1.55	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11000	16.0	08/03/2022	ND	432	108	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	08/03/2022	ND	212	106	200	13.6	
DRO >C10-C28*	<10.0	10.0	08/03/2022	ND	223	112	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	08/03/2022	ND					
Surrogate: 1-Chlorooctane	83.3	% 43-149							
Surrogate: 1-Chlorooctadecane	80.4	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: UL / O SEC 31 T8S - R34E

ma/ka

Sample ID: FL 16A (H223374-11)

RTFY 8021R

B1EX 8021B	mg/	кg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	1.95	97.6	2.00	0.509	
Toluene*	<0.050	0.050	08/04/2022	ND	2.09	104	2.00	4.12	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	1.99	99.6	2.00	1.20	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.20	103	6.00	1.55	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-140	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32800	16.0	08/03/2022	ND	432	108	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	08/03/2022	ND	212	106	200	13.6	
DRO >C10-C28*	<10.0	10.0	08/03/2022	ND	223	112	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	08/03/2022	ND					
Surrogate: 1-Chlorooctane	88.7	% 43-149							
Surrogate: 1-Chlorooctadecane	86.8	% 42.5-16.	1						

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Analytical Results For:

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

mg/kg

Received: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 18A (H223374-12)

BTEX 8021B

DIEX GOZID	11197	K9	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	1.95	97.6	2.00	0.509	
Toluene*	<0.050	0.050	08/04/2022	ND	2.09	104	2.00	4.12	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	1.99	99.6	2.00	1.20	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.20	103	6.00	1.55	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10400	16.0	08/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2022	ND	212	106	200	13.6	
DRO >C10-C28*	<10.0	10.0	08/03/2022	ND	223	112	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	08/03/2022	ND					
Surrogate: 1-Chlorooctane	81.3	% 43-149							
Surrogate: 1-Chlorooctadecane	78.1	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 19A (H223374-13)

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	08/04/2022	ND	1.95	97.6	2.00	0.509	
Toluene*	<0.050	0.050	08/04/2022	ND	2.09	104	2.00	4.12	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	1.99	99.6	2.00	1.20	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.20	103	6.00	1.55	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	35600	16.0	08/03/2022	ND	432	108	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	08/03/2022	ND	212	106	200	13.6	
DRO >C10-C28*	<10.0	10.0	08/03/2022	ND	223	112	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	08/03/2022	ND					
Surrogate: 1-Chlorooctane	87.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	84.4	% 42.5-16	1						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Tamara Oldaker Project Number: RILEY PERMIAN Sample Received By:

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 20A (H223374-14)

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	08/04/2022	ND	1.95	97.6	2.00	0.509	
Toluene*	<0.050	0.050	08/04/2022	ND	2.09	104	2.00	4.12	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	1.99	99.6	2.00	1.20	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.20	103	6.00	1.55	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4160	16.0	08/03/2022	ND	432	108	400	3.77	QM-07
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	08/03/2022	ND	212	106	200	13.6	
DRO >C10-C28*	<10.0	10.0	08/03/2022	ND	223	112	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	08/03/2022	ND					
Surrogate: 1-Chlorooctane	80.5	% 43-149	1						
Surrogate: 1-Chlorooctadecane	77.5	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 24A (H223374-15)

BTEX 8021B

DIEX GOZID	ıııg,	K9	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	1.95	97.6	2.00	0.509	
Toluene*	<0.050	0.050	08/04/2022	ND	2.09	104	2.00	4.12	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	1.99	99.6	2.00	1.20	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.20	103	6.00	1.55	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	39200	16.0	08/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2022	ND	212	106	200	13.6	
DRO >C10-C28*	<10.0	10.0	08/03/2022	ND	223	112	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	08/03/2022	ND					
Surrogate: 1-Chlorooctane	83.8	% 43-149							
Surrogate: 1-Chlorooctadecane	82.4	% 42.5-16	1						

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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: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 27A (H223374-16)

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	08/04/2022	ND	1.95	97.6	2.00	0.509	
Toluene*	<0.050	0.050	08/04/2022	ND	2.09	104	2.00	4.12	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	1.99	99.6	2.00	1.20	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.20	103	6.00	1.55	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3760	16.0	08/03/2022	ND	432	108	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	08/03/2022	ND	212	106	200	13.6	
DRO >C10-C28*	<10.0	10.0	08/03/2022	ND	223	112	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	08/03/2022	ND					
Surrogate: 1-Chlorooctane	76.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	73.6	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Received: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Tamara Oldaker Project Number: RILEY PERMIAN Sample Received By:

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 28A (H223374-17)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	1.95	97.6	2.00	0.509	
Toluene*	<0.050	0.050	08/04/2022	ND	2.09	104	2.00	4.12	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	1.99	99.6	2.00	1.20	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.20	103	6.00	1.55	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	30400	16.0	08/03/2022	ND	432	108	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	08/04/2022	ND	199	99.6	200	1.31	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	204	102	200	5.25	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	109 9	6 43-149	1						
Surrogate: 1-Chlorooctadecane	116 %	6 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Tamara Oldaker Project Number: RILEY PERMIAN Sample Received By:

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 29A (H223374-18)

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	08/04/2022	ND	1.95	97.6	2.00	0.509	
Toluene*	<0.050	0.050	08/04/2022	ND	2.09	104	2.00	4.12	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	1.99	99.6	2.00	1.20	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.20	103	6.00	1.55	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4240	16.0	08/03/2022	ND	432	108	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	08/04/2022	ND	199	99.6	200	1.31	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	204	102	200	5.25	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	93.7	% 43-149	1						
Surrogate: 1-Chlorooctadecane	96.7	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 30A (H223374-19)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	1.95	97.6	2.00	0.509	
Toluene*	<0.050	0.050	08/04/2022	ND	2.09	104	2.00	4.12	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	1.99	99.6	2.00	1.20	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.20	103	6.00	1.55	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11200	16.0	08/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2022	ND	199	99.6	200	1.31	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	204	102	200	5.25	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	89.5	% 43-149							
Surrogate: 1-Chlorooctadecane	91.1	% 42.5-16	1						

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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: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: UL / O SEC 31 T8S - R34E

ma/ka

Sample ID: FL 31A (H223374-20)

RTFY 8021R

B1EX 8021B	mg/	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	1.95	97.6	2.00	0.509	
Toluene*	<0.050	0.050	08/04/2022	ND	2.09	104	2.00	4.12	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	1.99	99.6	2.00	1.20	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.20	103	6.00	1.55	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 %	69.9-140	9						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	08/03/2022	ND	432	108	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	08/04/2022	ND	199	99.6	200	1.31	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	204	102	200	5.25	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	115 %	6 43-149							
Surrogate: 1-Chlorooctadecane	117 9	6 42.5-16.	1						

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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: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 32A (H223374-21)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	1.95	97.6	2.00	0.509	
Toluene*	<0.050	0.050	08/04/2022	ND	2.09	104	2.00	4.12	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	1.99	99.6	2.00	1.20	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.20	103	6.00	1.55	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6000	16.0	08/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2022	ND	199	99.6	200	1.31	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	204	102	200	5.25	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	92.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	93.5	% 42.5-16	1						

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Analytical Results For:

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

, ,

mg/kg

Received: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 34A (H223374-22)

BTEX 8021B

DILX GOZID	11197	ng .	Alldiyzo	a by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	1.95	97.6	2.00	0.509	
Toluene*	<0.050	0.050	08/04/2022	ND	2.09	104	2.00	4.12	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	1.99	99.6	2.00	1.20	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.20	103	6.00	1.55	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7000	16.0	08/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2022	ND	199	99.6	200	1.31	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	204	102	200	5.25	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	89.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	90.2	% 42.5-16	1						

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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: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 35A (H223374-23)

BTEX 8021B

	9/	9	7	<u></u>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	1.95	97.6	2.00	0.509	
Toluene*	<0.050	0.050	08/04/2022	ND	2.09	104	2.00	4.12	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	1.99	99.6	2.00	1.20	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.20	103	6.00	1.55	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3960	16.0	08/03/2022	ND	432	108	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	08/04/2022	ND	199	99.6	200	1.31	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	204	102	200	5.25	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	95.9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	96.8	% 42.5-16	1						

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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: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: UL / O SEC 31 T8S - R34E

ma/ka

Sample ID: FL 36A (H223374-24)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	1.95	97.6	2.00	0.509	
Toluene*	<0.050	0.050	08/04/2022	ND	2.09	104	2.00	4.12	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	1.99	99.6	2.00	1.20	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.20	103	6.00	1.55	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4930	16.0	08/03/2022	ND	432	108	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	08/04/2022	ND	199	99.6	200	1.31	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	204	102	200	5.25	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	109	% 43-149	1						
Surrogate: 1-Chlorooctadecane	112	% 42.5-16	1						

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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: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 37A (H223374-25)

BTEX 8021B

	9/	9	7	w = y : 5 : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	2.03	101	2.00	8.67	
Toluene*	<0.050	0.050	08/04/2022	ND	2.11	105	2.00	8.74	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.13	106	2.00	9.29	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.50	108	6.00	9.04	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3840	16.0	08/03/2022	ND	432	108	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	08/04/2022	ND	199	99.6	200	1.31	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	204	102	200	5.25	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	83.6	% 43-149	1						
Surrogate: 1-Chlorooctadecane	83.8	% 42.5-16	1						

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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: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Tamara Oldaker Project Number: RILEY PERMIAN Sample Received By:

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 41A (H223374-26)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	2.03	101	2.00	8.67	
Toluene*	<0.050	0.050	08/04/2022	ND	2.11	105	2.00	8.74	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.13	106	2.00	9.29	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.50	108	6.00	9.04	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	08/03/2022	ND	432	108	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	08/04/2022	ND	199	99.6	200	1.31	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	204	102	200	5.25	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	99.4	% 43-149	1						
Surrogate: 1-Chlorooctadecane	101 9	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Tamara Oldaker Project Number: RILEY PERMIAN Sample Received By:

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 42A (H223374-27)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	2.03	101	2.00	8.67	
Toluene*	<0.050	0.050	08/04/2022	ND	2.11	105	2.00	8.74	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.13	106	2.00	9.29	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.50	108	6.00	9.04	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12400	16.0	08/03/2022	ND	432	108	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	08/04/2022	ND	199	99.6	200	1.31	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	204	102	200	5.25	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	109 %	6 43-149	1						
Surrogate: 1-Chlorooctadecane	112 %	6 42.5-16	1						

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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: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 43A (H223374-28)

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	08/04/2022	ND	2.03	101	2.00	8.67	
Toluene*	<0.050	0.050	08/04/2022	ND	2.11	105	2.00	8.74	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.13	106	2.00	9.29	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.50	108	6.00	9.04	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14800	16.0	08/03/2022	ND	432	108	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	08/04/2022	ND	199	99.6	200	1.31	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	204	102	200	5.25	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	95.2	% 43-149	1						
Surrogate: 1-Chlorooctadecane	97.4	% 42.5-16	1						

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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: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 44A (H223374-29)

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	08/04/2022	ND	2.03	101	2.00	8.67	
Toluene*	<0.050	0.050	08/04/2022	ND	2.11	105	2.00	8.74	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.13	106	2.00	9.29	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.50	108	6.00	9.04	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9800	16.0	08/03/2022	ND	432	108	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	08/04/2022	ND	199	99.6	200	1.31	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	204	102	200	5.25	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	98.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	99.9	% 42.5-16	1						

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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: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: UL / O SEC 31 T8S - R34E

ma/ka

Sample ID: FL 45A (H223374-30)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	2.03	101	2.00	8.67	
Toluene*	<0.050	0.050	08/04/2022	ND	2.11	105	2.00	8.74	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.13	106	2.00	9.29	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.50	108	6.00	9.04	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5040	16.0	08/03/2022	ND	432	108	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	08/04/2022	ND	199	99.6	200	1.31	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	204	102	200	5.25	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	99.9	% 43-149							
Surrogate: 1-Chlorooctadecane	103	% 42.5-16	1						

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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: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 46A (H223374-31)

BTEX 8021B

	9/	9	7	w = y : 5 : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	2.03	101	2.00	8.67	
Toluene*	<0.050	0.050	08/04/2022	ND	2.11	105	2.00	8.74	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.13	106	2.00	9.29	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.50	108	6.00	9.04	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6930	16.0	08/03/2022	ND	432	108	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	08/04/2022	ND	199	99.6	200	1.31	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	204	102	200	5.25	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	97.2	% 43-149	1						
Surrogate: 1-Chlorooctadecane	97.9	% 42.5-16	1						

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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: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: UL / O SEC 31 T8S - R34E

ma/ka

Sample ID: FL 49A (H223374-32)

RTFY 8021R

B1EX 8021B	mg,	кg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	2.03	101	2.00	8.67	
Toluene*	<0.050	0.050	08/04/2022	ND	2.11	105	2.00	8.74	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.13	106	2.00	9.29	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.50	108	6.00	9.04	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	17200	16.0	08/03/2022	ND	432	108	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	08/04/2022	ND	199	99.6	200	1.31	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	204	102	200	5.25	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	107	% 43-149	1						
Surrogate: 1-Chlorooctadecane	109	% 42.5-16	1						

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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: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 50A (H223374-33)

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	08/04/2022	ND	2.03	101	2.00	8.67	
Toluene*	<0.050	0.050	08/04/2022	ND	2.11	105	2.00	8.74	
Ethylbenzene*	< 0.050	0.050	08/04/2022	ND	2.13	106	2.00	9.29	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.50	108	6.00	9.04	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13600	16.0	08/03/2022	ND	432	108	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	08/04/2022	ND	199	99.6	200	1.31	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	204	102	200	5.25	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	111	% 43-149)						
Surrogate: 1-Chlorooctadecane	114	% 42.5-16	71						

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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: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: UL / O SEC 31 T8S - R34E

ma/ka

Sample ID: FL 51A (H223374-34)

RTFY 8021R

BIEX 8021B	mg,	r Kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	2.03	101	2.00	8.67	
Toluene*	<0.050	0.050	08/04/2022	ND	2.11	105	2.00	8.74	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.13	106	2.00	9.29	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.50	108	6.00	9.04	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12400	16.0	08/04/2022	ND	416	104	400	0.00	QM-07
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	08/04/2022	ND	199	99.6	200	1.31	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	204	102	200	5.25	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	98.7	% 43-149	1						
Surrogate: 1-Chlorooctadecane	100	% 42.5-16	1						

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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: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: UL / O SEC 31 T8S - R34E

ma/ka

Sample ID: FL 53A (H223374-35)

RTFY 8021R

B1EX 8021B	mg,	r Kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	2.03	101	2.00	8.67	
Toluene*	<0.050	0.050	08/04/2022	ND	2.11	105	2.00	8.74	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.13	106	2.00	9.29	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.50	108	6.00	9.04	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15000	16.0	08/04/2022	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	08/04/2022	ND	199	99.6	200	1.31	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	204	102	200	5.25	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	96.2	% 43-149	1						
Surrogate: 1-Chlorooctadecane	98.1	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Sample Received By: Project Number: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 54A (H223374-36)

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	08/04/2022	ND	2.03	101	2.00	8.67	
Toluene*	<0.050	0.050	08/04/2022	ND	2.11	105	2.00	8.74	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.13	106	2.00	9.29	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.50	108	6.00	9.04	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6160	16.0	08/04/2022	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	08/04/2022	ND	199	99.6	200	1.31	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	204	102	200	5.25	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	100 %	6 43-149)						
Surrogate: 1-Chlorooctadecane	102 %	6 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 55A (H223374-37)

BTEX 8021B

DIEX OUZID	ıııg,	K9	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	2.03	101	2.00	8.67	
Toluene*	<0.050	0.050	08/04/2022	ND	2.11	105	2.00	8.74	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.13	106	2.00	9.29	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.50	108	6.00	9.04	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 69.9-140	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14400	16.0	08/04/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2022	ND	194	96.8	200	8.21	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	206	103	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	71.6	% 43-149							
Surrogate: 1-Chlorooctadecane	84.2	% 42.5-16.	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 56A (H223374-38)

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	08/04/2022	ND	2.03	101	2.00	8.67	
Toluene*	<0.050	0.050	08/04/2022	ND	2.11	105	2.00	8.74	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.13	106	2.00	9.29	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.50	108	6.00	9.04	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16400	16.0	08/04/2022	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	08/04/2022	ND	194	96.8	200	8.21	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	206	103	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	74.5	% 43-149	1						
Surrogate: 1-Chlorooctadecane	86.5	% 42.5-16	1						

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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: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 58A (H223374-39)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	2.03	101	2.00	8.67	
Toluene*	<0.050	0.050	08/04/2022	ND	2.11	105	2.00	8.74	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.13	106	2.00	9.29	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.50	108	6.00	9.04	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12600	16.0	08/04/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2022	ND	194	96.8	200	8.21	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	206	103	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	78.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	91.6	% 42.5-16	1						

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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: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 59A (H223374-40)

BTEX 8021B

DILX GOZID	ıııg,	ng .	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	2.03	101	2.00	8.67	
Toluene*	<0.050	0.050	08/04/2022	ND	2.11	105	2.00	8.74	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.13	106	2.00	9.29	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.50	108	6.00	9.04	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	08/04/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2022	ND	194	96.8	200	8.21	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	206	103	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	80.8	% 43-149							
Surrogate: 1-Chlorooctadecane	94.2	% 42.5-16	1						

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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: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 60A (H223374-41)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	2.03	101	2.00	8.67	
Toluene*	<0.050	0.050	08/04/2022	ND	2.11	105	2.00	8.74	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.13	106	2.00	9.29	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.50	108	6.00	9.04	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5330	16.0	08/04/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2022	ND	194	96.8	200	8.21	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	206	103	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	82.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	96.4	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 63A (H223374-42)

BTEX 8021B

DIEX GOZID	ıııg,	ng .	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	2.03	101	2.00	8.67	
Toluene*	<0.050	0.050	08/04/2022	ND	2.11	105	2.00	8.74	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.13	106	2.00	9.29	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.50	108	6.00	9.04	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9600	16.0	08/04/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2022	ND	194	96.8	200	8.21	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	206	103	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	80.5	% 43-149							
Surrogate: 1-Chlorooctadecane	95.0	% 42.5-16	1						

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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: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 64A (H223374-43)

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	08/04/2022	ND	2.03	101	2.00	8.67	
Toluene*	<0.050	0.050	08/04/2022	ND	2.11	105	2.00	8.74	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.13	106	2.00	9.29	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.50	108	6.00	9.04	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500CI-B	mg	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7800	16.0	08/04/2022	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	08/04/2022	ND	194	96.8	200	8.21	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	206	103	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	78.5	% 43-149)						
Surrogate: 1-Chlorooctadecane	91.8	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Received: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Sample Received By: Project Number: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 65A (H223374-44)

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	08/04/2022	ND	2.03	101	2.00	8.67	
Toluene*	< 0.050	0.050	08/04/2022	ND	2.11	105	2.00	8.74	
Ethylbenzene*	< 0.050	0.050	08/04/2022	ND	2.13	106	2.00	9.29	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.50	108	6.00	9.04	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6130	16.0	08/04/2022	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	08/04/2022	ND	194	96.8	200	8.21	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	206	103	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	80.1 9	% 43-149)						
Surrogate: 1-Chlorooctadecane	94.0 9	42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Tamara Oldaker Project Number: RILEY PERMIAN Sample Received By:

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 66A (H223374-45)

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	08/03/2022	ND	2.02	101	2.00	7.74	
Toluene*	<0.050	0.050	08/03/2022	ND	2.10	105	2.00	7.94	
Ethylbenzene*	<0.050	0.050	08/03/2022	ND	2.12	106	2.00	8.14	
Total Xylenes*	<0.150	0.150	08/03/2022	ND	6.50	108	6.00	8.67	
Total BTEX	<0.300	0.300	08/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4960	16.0	08/04/2022	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	08/04/2022	ND	194	96.8	200	8.21	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	206	103	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	85.79	% 43-149	1						
Surrogate: 1-Chlorooctadecane	100 %	6 42.5-16	1						

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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: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker RILEY PERMIAN

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 67A (H223374-46)

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	08/03/2022	ND	2.02	101	2.00	7.74	
Toluene*	<0.050	0.050	08/03/2022	ND	2.10	105	2.00	7.94	
Ethylbenzene*	<0.050	0.050	08/03/2022	ND	2.12	106	2.00	8.14	
Total Xylenes*	<0.150	0.150	08/03/2022	ND	6.50	108	6.00	8.67	
Total BTEX	<0.300	0.300	08/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10000	16.0	08/04/2022	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	08/04/2022	ND	194	96.8	200	8.21	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	206	103	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	77.6	% 43-149	1						
Surrogate: 1-Chlorooctadecane	91.2	% 42.5-16	1						

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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: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 82A (H223374-47)

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	08/03/2022	ND	2.02	101	2.00	7.74	
Toluene*	<0.050	0.050	08/03/2022	ND	2.10	105	2.00	7.94	
Ethylbenzene*	<0.050	0.050	08/03/2022	ND	2.12	106	2.00	8.14	
Total Xylenes*	<0.150	0.150	08/03/2022	ND	6.50	108	6.00	8.67	
Total BTEX	<0.300	0.300	08/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18800	16.0	08/04/2022	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	08/04/2022	ND	194	96.8	200	8.21	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	206	103	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	77.1	% 43-149)						
Surrogate: 1-Chlorooctadecane	89.7	% 42.5-16	1						

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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: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: UL / O SEC 31 T8S - R34E

mg/kg

Sample ID: FL 83A (H223374-48)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2022	ND	2.02	101	2.00	7.74	
Toluene*	<0.050	0.050	08/03/2022	ND	2.10	105	2.00	7.94	
Ethylbenzene*	<0.050	0.050	08/03/2022	ND	2.12	106	2.00	8.14	
Total Xylenes*	<0.150	0.150	08/03/2022	ND	6.50	108	6.00	8.67	
Total BTEX	<0.300	0.300	08/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11000	16.0	08/04/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2022	ND	194	96.8	200	8.21	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	206	103	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	82.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	94.5	% 42.5-16	1						

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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: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact Project Number: Sample Received By: RILEY PERMIAN Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 90A (H223374-49)

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	08/03/2022	ND	2.02	101	2.00	7.74	
Toluene*	<0.050	0.050	08/03/2022	ND	2.10	105	2.00	7.94	
Ethylbenzene*	<0.050	0.050	08/03/2022	ND	2.12	106	2.00	8.14	
Total Xylenes*	<0.150	0.150	08/03/2022	ND	6.50	108	6.00	8.67	
Total BTEX	<0.300	0.300	08/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8260	16.0	08/04/2022	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	08/04/2022	ND	194	96.8	200	8.21	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	206	103	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	84.0 %	6 43-149)						
Surrogate: 1-Chlorooctadecane	97.5 %	6 42.5-16	1						

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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: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: UL / O SEC 31 T8S - R34E

ma/ka

Sample ID: FL 97A (H223374-50)

RTFY 8021R

B1EX 8021B	mg,	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2022	ND	2.02	101	2.00	7.74	
Toluene*	<0.050	0.050	08/03/2022	ND	2.10	105	2.00	7.94	
Ethylbenzene*	<0.050	0.050	08/03/2022	ND	2.12	106	2.00	8.14	
Total Xylenes*	<0.150	0.150	08/03/2022	ND	6.50	108	6.00	8.67	
Total BTEX	<0.300	0.300	08/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-140	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9800	16.0	08/04/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2022	ND	194	96.8	200	8.21	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	206	103	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	82.8	% 43-149							
Surrogate: 1-Chlorooctadecane	94.8	% 42.5-16.	1						

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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: 07/29/2022 Sampling Date: 07/29/2022

Reported: 08/05/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: RILEY PERMIAN Sample Received By: Tamara Oldaker

Project Location: UL / O SEC 31 T8S - R34E

Sample ID: FL 98A (H223374-51)

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	08/03/2022	ND	2.02	101	2.00	7.74	
Toluene*	<0.050	0.050	08/03/2022	ND	2.10	105	2.00	7.94	
Ethylbenzene*	<0.050	0.050	08/03/2022	ND	2.12	106	2.00	8.14	
Total Xylenes*	<0.150	0.150	08/03/2022	ND	6.50	108	6.00	8.67	
Total BTEX	<0.300	0.300	08/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10800	16.0	08/04/2022	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	08/04/2022	ND	194	96.8	200	8.21	
DRO >C10-C28*	<10.0	10.0	08/04/2022	ND	206	103	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	08/04/2022	ND					
Surrogate: 1-Chlorooctane	86.0	% 43-149	1						
Surrogate: 1-Chlorooctadecane	101	% 42.5-16	1						

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Notes and Definitions

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch

accepted based on LCS and/or LCSD recovery and/or RPD values.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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	(С
101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	NM 88240 5) 393-2476				ge 54
Company Name: Hungry Horse LLC		BILL TO		DECLIECT	Pa
Project Manager: Daniel Dominguez		P.O. #:		ANALISIS REQUEST	Γ
Address: PO Box 1058		Company Hungry Horse LLC	se LLC		
City: Hobbs State: N	NM Zip: 88241	niel [
Phone #: 575 393-3386 Fax #:		Address: PO Box 1058			
Project #: Project Owner:	wner: Riley Permian	City: Hobbs			
Project Name: Montana Junction Riser					
Project Location: UL/ O Sec 31 T8S - R34E		#: 575 393			
Sampler Name: Bradley Wells					
FOR LAB USE ONLY	3	PRESERV. SAMPLING	6		
H23378 Toppesample I.D.	(G)RAB OR (C) # CONTAINER GROUNDWAT WASTEWATE SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER: DATE	Chloride TPH BTEX 8021		
FL2a	C 1 X	X 7/29/22	×		_
	C 1 ×	X 7/29/22	-		
	C 1 ×	X 7/29/22			
	0 1	X 7/29/22	×		
O FL6a	C 1	X 7/29/22	×		
C FL/a	O 1	X 7/29/22	×		_
TLYa	C 1	X 7/29/22	×		_
9 FL11a	0 0		×		
(b) FL13a	C 1	X 7/29/22	× > × >		_
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August 16, 2022

DANIEL DOMINGUEZ Hungry Horse Environmental P.O. Box 1058

Hobbs, NM 88240

RE: MONTANA JUNCTION RISER

Enclosed are the results of analyses for samples received by the laboratory on 08/10/22 17:06.

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/ga/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)

Celey D. Keine

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. 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: 08/10/2022 Sampling Date: 08/10/2022

Reported: 08/16/2022 Sampling Type: Soil
Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Applyand By 14

Project Location: RILEY PERMIAN - UL / O SEC 31 T8S - R

ma/ka

Sample ID: FL 4B (H223623-01)

DTEV 0021D

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	08/15/2022	ND	2.03	101	2.00	0.364	
Toluene*	<0.050	0.050	08/15/2022	ND	1.96	98.1	2.00	0.122	
Ethylbenzene*	< 0.050	0.050	08/15/2022	ND	1.93	96.7	2.00	0.831	
Total Xylenes*	<0.150	0.150	08/15/2022	ND	6.00	100	6.00	1.75	
Total BTEX	<0.300	0.300	08/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10700	16.0	08/16/2022	ND	416	104	400	3.77	QM-07
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	08/13/2022	ND	214	107	200	1.67	
DRO >C10-C28*	<10.0	10.0	08/13/2022	ND	208	104	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	08/13/2022	ND					
Surrogate: 1-Chlorooctane	96.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	101	% 42.5-16	1						

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Celey & Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 08/10/2022 Sampling Date: 08/10/2022

Reported: 08/16/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: RILEY PERMIAN - UL / O SEC 31 T8S - R

mg/kg

Sample ID: FL 6B (H223623-02)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2022	ND	2.03	101	2.00	0.364	
Toluene*	<0.050	0.050	08/15/2022	ND	1.96	98.1	2.00	0.122	
Ethylbenzene*	<0.050	0.050	08/15/2022	ND	1.93	96.7	2.00	0.831	
Total Xylenes*	<0.150	0.150	08/15/2022	ND	6.00	100	6.00	1.75	
Total BTEX	<0.300	0.300	08/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10500	16.0	08/16/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2022	ND	214	107	200	1.67	
DRO >C10-C28*	<10.0	10.0	08/13/2022	ND	208	104	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	08/13/2022	ND					
Surrogate: 1-Chlorooctane	100	% 43-149)						
Surrogate: 1-Chlorooctadecane	104	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Received: 08/10/2022 Sampling Date: 08/10/2022

Reported: 08/16/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: RILEY PERMIAN - UL / O SEC 31 T8S - R

mg/kg

Sample ID: FL 9B (H223623-03)

BTEX 8021B

	<u> </u>	<u> </u>							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2022	ND	2.03	101	2.00	0.364	
Toluene*	<0.050	0.050	08/15/2022	ND	1.96	98.1	2.00	0.122	
Ethylbenzene*	<0.050	0.050	08/15/2022	ND	1.93	96.7	2.00	0.831	
Total Xylenes*	<0.150	0.150	08/15/2022	ND	6.00	100	6.00	1.75	
Total BTEX	<0.300	0.300	08/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4080	16.0	08/16/2022	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	08/13/2022	ND	214	107	200	1.67	
DRO >C10-C28*	<10.0	10.0	08/13/2022	ND	208	104	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	08/13/2022	ND					
Surrogate: 1-Chlorooctane	99.9	% 43-149)						
Surrogate: 1-Chlorooctadecane	104	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 08/10/2022 Sampling Date: 08/10/2022

Reported: 08/16/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: RILEY PERMIAN - UL / O SEC 31 T8S - R

mg/kg

Sample ID: FL 11B (H223623-04)

BTEX 8021B

DILX GOZID	iiig/	ng .	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2022	ND	2.03	101	2.00	0.364	
Toluene*	<0.050	0.050	08/15/2022	ND	1.96	98.1	2.00	0.122	
Ethylbenzene*	<0.050	0.050	08/15/2022	ND	1.93	96.7	2.00	0.831	
Total Xylenes*	<0.150	0.150	08/15/2022	ND	6.00	100	6.00	1.75	
Total BTEX	<0.300	0.300	08/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	08/16/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2022	ND	214	107	200	1.67	
DRO >C10-C28*	<10.0	10.0	08/13/2022	ND	208	104	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	08/13/2022	ND					
Surrogate: 1-Chlorooctane	103	% 43-149)						
Surrogate: 1-Chlorooctadecane	108	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 08/10/2022 Sampling Date: 08/10/2022

Reported: 08/16/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: RILEY PERMIAN - UL / O SEC 31 T8S - R

mg/kg

Sample ID: FL 16B (H223623-05)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2022	ND	2.03	101	2.00	0.364	
Toluene*	<0.050	0.050	08/15/2022	ND	1.96	98.1	2.00	0.122	
Ethylbenzene*	<0.050	0.050	08/15/2022	ND	1.93	96.7	2.00	0.831	
Total Xylenes*	<0.150	0.150	08/15/2022	ND	6.00	100	6.00	1.75	
Total BTEX	<0.300	0.300	08/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2110	16.0	08/16/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2022	ND	214	107	200	1.67	
DRO >C10-C28*	<10.0	10.0	08/13/2022	ND	208	104	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	08/13/2022	ND					
Surrogate: 1-Chlorooctane	88.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	95.4	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 391-4585

Received: 08/10/2022 Sampling Date: 08/10/2022

Reported: 08/16/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: RILEY PERMIAN - UL / O SEC 31 T8S - R

mg/kg

Sample ID: FL 19B (H223623-06)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2022	ND	2.03	101	2.00	0.364	
Toluene*	<0.050	0.050	08/15/2022	ND	1.96	98.1	2.00	0.122	
Ethylbenzene*	<0.050	0.050	08/15/2022	ND	1.93	96.7	2.00	0.831	
Total Xylenes*	<0.150	0.150	08/15/2022	ND	6.00	100	6.00	1.75	
Total BTEX	<0.300	0.300	08/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2050	16.0	08/16/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2022	ND	214	107	200	1.67	
DRO >C10-C28*	<10.0	10.0	08/13/2022	ND	208	104	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	08/13/2022	ND					
Surrogate: 1-Chlorooctane	108	% 43-149)						
Surrogate: 1-Chlorooctadecane	114 9	% 42.5-16	1						

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Analytical Results For:

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

Received: 08/10/2022

Reported: 08/16/2022

Project Name: MONTANA JUNCTION RISER Project Number: NOT GIVEN

Project Location: RILEY PERMIAN - UL / O SEC 31 T8S - R Sampling Date: 08/10/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: FL 24B (H223623-07)

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	08/15/2022	ND	2.03	101	2.00	0.364	
Toluene*	<0.050	0.050	08/15/2022	ND	1.96	98.1	2.00	0.122	
Ethylbenzene*	<0.050	0.050	08/15/2022	ND	1.93	96.7	2.00	0.831	
Total Xylenes*	<0.150	0.150	08/15/2022	ND	6.00	100	6.00	1.75	
Total BTEX	<0.300	0.300	08/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	08/16/2022	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	08/13/2022	ND	214	107	200	1.67	
DRO >C10-C28*	<10.0	10.0	08/13/2022	ND	208	104	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	08/13/2022	ND					
Surrogate: 1-Chlorooctane	94.2	% 43-149)						
Surrogate: 1-Chlorooctadecane	99.2	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

(000) 000

Received: 08/10/2022 Sampling Date: 08/10/2022

Reported: 08/16/2022 Sampling Type: Soil

Project Name: MONTANA JUNCTION RISER Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: RILEY PERMIAN - UL / O SEC 31 T8S - R

mg/kg

Sample ID: FL 28B (H223623-08)

BTEX 8021B

	9/	9	7111411720						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2022	ND	2.03	101	2.00	0.364	
Toluene*	<0.050	0.050	08/15/2022	ND	1.96	98.1	2.00	0.122	
Ethylbenzene*	<0.050	0.050	08/15/2022	ND	1.93	96.7	2.00	0.831	
Total Xylenes*	<0.150	0.150	08/15/2022	ND	6.00	100	6.00	1.75	
Total BTEX	<0.300	0.300	08/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	08/16/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2022	ND	214	107	200	1.67	
DRO >C10-C28*	<10.0	10.0	08/13/2022	ND	208	104	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	08/13/2022	ND					
Surrogate: 1-Chlorooctane	93.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	98.2	% 42.5-16	1						

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Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

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

Celeg & Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Pob	Company Name: Hungry Horse LLC		BILL TO		ANALYSIS REQUEST	F
State: NIM Zip: 88241 Attn: Daniel Dominguez						┵
State: NM Zip: 88241 Atm: Daniel Dominguez			ny	тс		_
Sa39-3386 Fax #:	Hobbs State:	Zip:				
Project Owner: Riley Permian City: Hobbs	575 393-3386		Address: PO Box 1058			
Montana Junction Riser						
Phone #: 575 393-3386			MN			
Sample I.D.						
Sample I.D. Companies Continues Con			Fax#:			
Sample I.D. Compare Cardinata tracking and direct succlasive remody for any claim arising whether based in contrast of tort, shall be limited to the amount paid by the client for the policies arising to consequence of the policies arising to the policies arising to the policy of	OR LAB USE ONLY	T	П			_
FL48	Lab I.D. Sample I.D.	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	OTHER: ACID/BASE: ICE / COOL OTHER:	Chloride TPH	DIEA 8021	
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FL168 C 1 X X 8/10/22 X X X FL168 C 1 X X 8/10/22 X X X FL168 C 1 X X 8/10/22 X X X FL168 C 1 X X 8/10/22 X X X FL168 C 1 X X 8/10/22 X X X FL168 C 1 X X 8/10/22 X X X FL168 C 1 X X 8/10/22 X X X FL168 C 1 X X 8/10/22 X X X FL168 C 1 X X 8/10/22 X X X FL168 C 1 X X 8/10/22 X X X FL168 C 1 X X 8/10/22 X X X FL168 C 1 X X 8/10/22 X X X X FL168 C 1 X X 8/10/22 X X X X FL168 C 1 X X 8/10/22 X X X X FL168 C 1 X X 8/10/22 X X X X FL168 C 1 X X 8/10/22 X X X X FL168 C 1 X X 8/10/22 X X X X FL168 C 1 X X 8/10/22 X X X X FL168 C 1 X X 8/10/22 X X X X FL168 C 1 X X 8/10/22 X X X X FL168 C 1 X X 8/10/22 X X X X X FL168 C 1 X X 8/10/22 X X X X X FL168 C 1 X X 8/10/22 X X X X X FL168 C 1 X X 8/10/22 X X X X X X X X X X X X X X X X X X		1		×	×	
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FL286. C 1 X X 8/10/22 X X X Deficients is liability and dient's exclusive remedy for any claim arising whether based in contract or lost, shall be limited to the amount paid by the client for the ardinal be flable for incidental or consequential damages, including without fimiliation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, inguiled for related to the performance of services becaused by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. No.: Received By: Received By: Received By: Received By: Received By: Remarks: Phone Result: Yes Fax Result: Yes Yes Yes Yes Yes Yes	FL198	-		×		
nd Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or lot, shall be limited to the amount paid by the client for the ring those for negligence and any other cause whatsoever shall be deemed varved unless made in writing and received by Cardinal within 30 days after completion of the applicable and 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. Note Date: Received By: Phone Result: Yes Fax Result: Yes Fax Result: Yes Yes Yes Yes Yes Yes Yes Phone Results to:	S FL28 €			×		
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Time: Circle One) 3.55 C D W Sample Condition CHECKED BY: Cool Intact (Initials) Cool Intact Co	celinquished By:	704	Campi	ts to:	1@hungry-horse.com	
Sample Condition Cool Infact Cool Infact Pey 1 Yes				ber	nolszewski@rileypermian.com	
1.1.1	- Bus - Other	V.	_			

Attachment VII NMOCD Form Initial C-141

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

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	nAPP2216659830
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Contact Nan	ne Ben Ols:	zewski		Contact	Telephone 405-415-8927
Contact ema	il benolsze	wski@rileypermi	an,com	Incident	# (assigned by OCD) nAPP2216659830
Contact mai	ling address	29 E Reno Aven Oklahoma City,			
			Locatio	n of Release	Source
atitude 33.5	571092		(NAD 83 in	Longitud decimal degrees to 5 de	e -103.500598ecimal places)
Site Name 1	Montana Jun	ction Riser		Site Typ	e Pipeline
Date Release	Discovered	6/14/22		API# (if	applicable)
Unit Letter	Section	Township	Range	Co	ounty
0	31	8	34	Roosevelt	
Surface Owne	er: State	Federal 7		(Name: Kizer, Sho	
Surface Owne	Materia		Nature as	nd Volume o	
	Materia I	al(s) Released (Select Volume Releas	Nature as	nd Volume of	f Release ific justification for the volumes provided below)
Crude Oi	Materia I	Volume Released (Selection Volume Released Volume Released Is the concentration of the tentral	Nature as all that apply and attacked (bbls) sed (bbls) 85.25 ation of dissolved	nd Volume of	f Release ific justification for the volumes provided below) Volume Recovered (bbls)
Crude Oi	Materia I I Water	Volume Released (Selection Volume Released Volume Released Is the concentration of the tentral	Nature at all that apply and attaced (bbls) sed (bbls) 85.25 ation of dissolved r>10,000 mg/l?	nd Volume of	f Release ific justification for the volumes provided below) Volume Recovered (bbls) Volume Recovered (bbls) 10
☐ Crude Oi	Materia il I Water ate	Volume Released Volume Released Is the concentration produced water	Nature as all that apply and attained (bbls) sed (bbls) 85,25 ation of dissolved (510,000 mg/l? sed (bbls)	nd Volume of	f Release ific justification for the volumes provided below) Volume Recovered (bbls) Volume Recovered (bbls) 10 Yes No
☐ Crude Oi ☑ Produced	Materia il I Water ate	Volume Released (Selection Volume Released Volume Released Is the concentre produced water Volume Released (Selection Vol	Nature as all that apply and attained (bbls) sed (bbls) 85,25 ation of dissolved (510,000 mg/l? sed (bbls)	nd Volume of the calculations or special characteristics of the calculations or special characteristics.	FRelease ific justification for the volumes provided below) Volume Recovered (bbls) Volume Recovered (bbls) 10 Yes No Volume Recovered (bbls)

Form C-141 Page 2

State of New Mexico Oil Conservation Division

Incident ID	nAPP2216659830
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the resp An unauthorized release of a volume ov	onsible party consider this a major release? er 25 bbls.			
⊠ Yes □ No					
	notice given to the OCD? By whom? To be y Permian spoke with Eugene Bolton at the	whom? When and by what means (phone, email, etc)? ne OCD on 6/15/22.			
	Initial Response				
The responsible	party must undertake the following actions immedia	ntely unless they could create a safety hazard that would result in injury			
☐ The source of the re	ease has been stopped.				
The impacted area h	as been secured to protect human health as	nd the environment.			
Released materials h	ave been contained via the use of berms o	r dikes, absorbent pads, or other containment devices.			
All free liquids and	ecoverable materials have been removed	and managed appropriately.			
has begun, please attach	a narrative of actions to date. If remedia	e remediation immediately after discovery of a release. If remediation al efforts have been successfully completed or if the release occurred please attach all information needed for closure evaluation.			
I hereby certify that the inforegulations all operators are public health or the environ failed to adequately investi	ormation given above is true and complete to the required to report and/or file certain release nument. The acceptance of a C-141 report by the gate and remediate contamination that pose a the	ne best of my knowledge and understand that pursuant to OCD rules and offications and perform corrective actions for releases which may endanger to OCD does not relieve the operator of liability should their operations have meat to groundwater, surface water, human health or the environment. In of responsibility for compliance with any other federal, state, or local laws			
Printed Name: Ben Ols	zewski	Title: _EH&S Manager			
Signature:	Mel.	Date: 4/17/2022			
email: _benolszewski@	ileypermin.com	Telephone: _405-415-8927			
OCD Only Jocely	n Harimon				
Received by:		Date:			

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

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

CONDITIONS

Action 140210

CONDITIONS

Operator:	OGRID:
RILEY PERMIAN OPERATING COMPANY, LLC	372290
29 E Reno Avenue, Suite 500	Action Number:
Oklahoma City, OK 73104	140210
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	9/8/2022